

RJ Lee Group, Inc. | Columbia Basin Analytical Laboratories

2710 North 20th Avenue, Pasco WA 99301 Tel: (509) 545-4989 | Fax: (509) 544-6010

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

Subject: Chemical Analysis Report

Columbia Basin Analytical Laboratories received 49 sample(s) on 12/22/16 for analysis. These sample(s) have been assigned a login order number of W612125. 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.

All samples were diluted 1:10. Samples that exceeded the instrument calibration range were rerun at a 1:100 dilution, necessitating a 10-fold increase in the PQL. Each is noted with an "X" qualifier.

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:

02/22/17

Project Coordinator II, M. Fernanda Pincheira

Date

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

Report Template: GenMetalReportFull v12.rpt

Approved: 02/22/17 14:35 Report Time Stamp: 02/22/17 15:13



Laboratory Report

RJ Lee Group No.:W612125 Ryan Mathews

COC No.: Kennewick Fulcrum Environmental Samples Received: 12/22/16 406 N. 2nd St. Analysis/Prep Date: 02/20/17

Yakima, WA 98901 Report Date: 02/22/17

Client Project: Fulcrum Kennewick

Date Received: 12/22/16 Sample Name: CCE122216-P-KF-01 Matrix: Potable Water RJ Lee Grp. ID: W612125-01 **Date Analyzed:** 02/20/17

Result Analyte Method **POL Oualifiers** (mg/L)(mg/L)EPA 200.8 1.8 0.1 Copper Χ EPA 200.8 0.004 0.001 Lead

Date Received: 12/22/16 Sample Name: CCE122216-P-KF-02 Matrix: Potable Water W612125-02 Date Analyzed: 02/20/17 RJ Lee Grp. ID:

Method Result **PQL** Analyte **Qualifiers** (mg/L)(mg/L)Copper EPA 200.8 1.4 0.1 Χ Lead EPA 200.8 0.004 0.001

Sample Name: Date Received: 12/22/16 CCE122216-P-KF-03 Matrix: Potable Water RJ Lee Grp. ID: W612125-03 **Date Analyzed:** 02/20/17

Analyte Method Result **PQL Qualifiers** (mg/L)(mg/L)EPA 200.8 2.2 0.1 X Copper Lead EPA 200.8 0.004 0.001

Date Received: 12/22/16 Sample Name: CCE122216-P-KF-04 Matrix: Potable Water RJ Lee Grp. ID: W612125-04 Date Analyzed: 02/20/17

Method Result **Analyte** POL **Oualifiers** (mg/L)(mg/L)Copper EPA 200.8 1.3 0.1 Χ Lead EPA 200.8 0.001 0.001

Date Received: 12/22/16 Sample Name: CCE122216-P-KF-05 Matrix: Potable Water RJ Lee Grp. ID: W612125-05 Date Analyzed: 02/20/17

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

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02/22/17 14:35 Approved: Report Template: GenMetalReportFull v12.rpt Report Time Stamp: 02/22/17 15:13



| Sample Name: | CCE122216-P-WC-06 | Matrix | Potable Water | Date Received: | 12/22/16 |
|-----------------|-------------------|----------|---------------|----------------|----------|
| RJ Lee Grp. ID: | | wati ix. | Totable Water | Date Analyzed: | 02/20/17 |

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 0.38 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: CCE122216-P-CF-07 Matrix: Potable Water

RJ Lee Grp. ID: W612125-07 Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 0.98 | 0.01 | |
| Lead | EPA 200.8 | 0.003 | 0.001 | |

Sample Name: CCE122216-P-OF-08 Matrix: Potable Water

RJ Lee Grp. ID: W612125-08

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 2.3 | 0.1 | X |
| Lead | EPA 200.8 | 0.049 | 0.001 | |

Sample Name: CCE122216-P-CDF-09 Matrix: Potable Water

RJ Lee Grp. ID: W612125-09

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 1.5 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: CCE122216-P-NF-10 Matrix: Potable Water

RJ Lee Grp. ID: W612125-10

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 110 Ett 01pt 12 t | | | | |
|-------------------|-----------|------------------|---------------|------------|
| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper | EPA 200.8 | 0.90 | 0.01 | |
| Lead | EPA 200.8 | 0.002 | 0.001 | |

Sample Name: CCE122216-P-CDF-11 Matrix: Potable Water

RJ Lee Grp. ID: W612125-11

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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 | |



Report Template: GenMetalReportFull_v12.rpt

| Sample Name: | CCE122216-P-CDF-12 Matrix: | Potable Water | Date Received: | 12/22/16 |
|-----------------|----------------------------|---------------|----------------|----------|
| RJ Lee Grp. ID: | | Totable Water | Date Analyzed: | 02/20/17 |

| 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: CCE122216-P-CF-13 Matrix: Potable Water

RJ Lee Grp. ID: W612125-13

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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: CCE122216-P-CDF-14 Matrix: Potable Water

RJ Lee Grp. ID: W612125-14

Date Received: 12/22/16

Date Analyzed: 02/20/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 1.00 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: CCE122216-P-CF-15 Matrix: Potable Water

RJ Lee Grp. ID: W612125-15

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

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

Sample Name: CCE122216-P-CF-16 Matrix: Potable Water

RJ Lee Grp. ID: W612125-16

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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: CCE122216-P-CDF-17 Matrix: Potable Water

RJ Lee Grp. ID: W612125-17

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CF-18 Matrix: | Potable Wate | r | Date Received Date Analyzed | |
|---------------------------------|----------------------|---------------------------------|--------------|------------------|--------------------------------|------------|
| Analy | te | Method | _ | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper | | EPA 200.8 | | 0.94 | 0.01 | |
| Lead | | EPA 200.8 | | 0.002 | 0.001 | |
| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-WC-19 Matrix: | Potable Wate | r | Date Received Date Analyzed | |
| Analy | te | Method | _ | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper | | EPA 200.8 | | 0.57 | 0.01 | |
| Lead | | EPA 200.8 | | < 0.0010 | 0.001 | |
| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CF-20 Matrix: | Potable Wate | r | Date Received Date Analyzed | |
| Analy | te | Method | l | 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: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CDF-21 Matrix: 21 | Potable Wate | r | Date Received Date Analyzed | |
| Analy | te | 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: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CDF-22 Matrix: 22 | Potable Wate | r | Date Received Date Analyzed | |
| Angly | to | Mothod | | Dogult | DOI | Qualifiars |

| Anaryte | Method | (mg/L) | (mg/L) | Quanners |
|---------|-----------|----------|--------|----------|
| Copper | EPA 200.8 | 1.3 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |
| | | | | |

Sample Name: CCE122216-P-CF-23 Matrix: Potable Water

Date Received: 12/22/16

W612125-23

Date Analyzed: 02/20/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 0.83 | 0.01 | _ |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

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Copper

Lead

| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-KF-24 Matrix: Potable Wate | er | Date Received Date Analyzed | |
|--|----------------------|--|---|--|------------------------------------|
| Analyt | te | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper Lead | | EPA 200.8 EPA 200.8 | 1.2 0.003 | 0.1 0.001 | X |
| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CF-25 Matrix: Potable Wat | er | Date Received Date Analyzed | |
| Analyt | te | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper | | EPA 200.8 | 2.2 | 0.1 | X |
| Lead | | EPA 200.8 | 0.007 | 0.001 | |
| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CDF-26 Matrix: Potable Wat | er | Date Received Date Analyzed | |
| Analy | te | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| | | | | | |
| Copper | | EPA 200.8 | 0.84 | 0.01 | |
| Copper Lead | | EPA 200.8 EPA 200.8 | 0.84 < 0.0010 | 0.01 0.001 | |
| Lead Sample Name: | CCE12221 W612125- | 6-P-CDF-27 Matrix: Potable Wat | < 0.0010 | | |
| Lead Sample Name: | W612125- | 6-P-CDF-27 Matrix: Potable Wat | < 0.0010 | 0.001 Date Received | |
| Lead Sample Name: RJ Lee Grp. ID: | W612125- | EPA 200.8 6-P-CDF-27 Matrix: Potable Wat | < 0.0010 er Result | 0.001 Date Received Date Analyzed PQL | l: 02/20/17 |
| Lead Sample Name: RJ Lee Grp. ID: Analyt | W612125- | EPA 200.8 6-P-CDF-27 Matrix: Potable Wate 27 Method | < 0.0010 er Result (mg/L) | 0.001 Date Received Date Analyzed PQL (mg/L) | l: 02/20/17 |
| Lead Sample Name: RJ Lee Grp. ID: Analyte Copper | W612125- te | EPA 200.8 6-P-CDF-27 Matrix: Potable Wate Method EPA 200.8 EPA 200.8 6-P-CF-28 Matrix: Potable Wate | <0.0010 er Result (mg/L) 0.83 <0.0010 | 0.001 Date Received Date Analyzed PQL (mg/L) 0.01 | 1: 02/20/17 Qualifiers 1: 12/22/16 |

 Sample Name:
 CCE122216-P-CF-29
 Matrix: Potable Water
 Date Received:
 12/22/16

 RJ Lee Grp. ID:
 W612125-29
 Date Analyzed:
 02/20/17

EPA 200.8

EPA 200.8

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

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2.5

0.007

0.1

0.001

X



| Sample Name: | CCE122216-P-CDF-30 Matrix: Potable Water | Date Received: | 12/22/16 |
|-----------------|--|----------------|----------|
| RJ Lee Grp. ID: | | Date Analyzed: | 02/20/17 |

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 0.96 | 0.01 | _ |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: CCE122216-P-CF-31 Matrix: Potable Water

RJ Lee Grp. ID: W612125-31 Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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: CCE122216-P-CF-32 Matrix: Potable Water

RJ Lee Grp. ID: W612125-32

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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: CCE122216-P-CDF-33 Matrix: Potable Water

RJ Lee Grp. ID: W612125-33 Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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: CCE122216-P-OF-34 Matrix: Potable Water

RJ Lee Grp. ID: W612125-34

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/20/17

| no Ecc Sipilibi | <u> </u> | | | 4. 02/20/1/ |
|-----------------|-----------|------------------|---------------|--------------------|
| 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: CCE122216-P-CDF-35 Matrix: Potable Water

RJ Lee Grp. ID: W612125-35

Date Received: 12/22/16

Date Analyzed: 02/20/17

| 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 | |



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| Sample Name: | CCE12221 | 6-P-CF-36 Matrix: Potable Wa | ater | Date Received | 1: 12/22/16 |
|---------------------------------|----------------------|-------------------------------------|---------------------------------------|--------------------------------|--------------------|
| RJ Lee Grp. ID: | W612125- | 36 | | Date Analyzed | 1: 02/20/17 |
| Analyt | ce · | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| | | EDA 200 0 | , , , , , , , , , , , , , , , , , , , | | |
| Copper | | EPA 200.8 EPA 200.8 | 1.2 < 0.0010 | 0.1 | X |
| Lead | | EPA 200.8 | < 0.0010 | | |
| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | VIALLIX. I GLADIC WA | ater | Date Received Date Analyzed | |
| Analyt | e | 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: RJ Lee Grp. ID: | CCE12221 W612125- | WIALLIA. I CLAUTE WE | ater | Date Received Date Analyzed | |
| Analyt | e e | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper | | EPA 200.8 | 0.84 | 0.01 | |
| Lead | | EPA 200.8 | < 0.0010 | 0.001 | |
| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CF-39 Matrix: Potable Wa | ater | Date Received Date Analyzed | |
| Analyt | e | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper | | EPA 200.8 | 0.9 | 0.1 | X |
| Lead | | EPA 200.8 | 0.001 | 0.001 | |
| Sample Name: RJ Lee Grp. ID: | CCE12221 W612125- | 6-P-CF-40 Matrix: Potable Wa | ater | Date Received Date Analyzed | |
| Analyt | e e | 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: RJ Lee Grp. ID: | CCE12221 W612125- | WIALLIX. I GLADIC WA | ater | Date Received Date Analyzed | |
| Analyt | e e | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| | | ED. 2000 | 0.00 | 0.01 | |
| Copper | | EPA 200.8 | 0.88 | 0.01 | |

Date Received: 12/22/16



CCE122216-P-CF-42

Sample Name:

| RJ Lee Grp. ID: W612125 | -42 | | Date Analyzed | d: 02/22/17 |
|--------------------------------|-----------|------------------|---------------|-------------|
| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
| Copper | EPA 200.8 | 0.78 | 0.01 | |
| Lead | EPA 200.8 | 0.002 | 0.001 | |

Matrix: Potable Water

Sample Name: CCE122216-P-OF-43 Matrix: Potable Water

RJ Lee Grp. ID: W612125-43 Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/22/17

| 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: CCE122216-P-CDF-44 Matrix: Potable Water

RJ Lee Grp. ID: W612125-44

Date Received: 12/22/16

Date Analyzed: 02/22/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 1.8 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: CCE122216-P-CDF-45 Matrix: Potable Water

RJ Lee Grp. ID: W612125-45

Date Received: 12/22/16

Date Analyzed: 02/22/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 1.6 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: CCE122216-P-WC-46 Matrix: Potable Water

RJ Lee Grp. ID: W612125-46

Date Received: 12/22/16

Date Analyzed: 02/22/17

| 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: CCE122216-P-WC-47 Matrix: Potable Water

RJ Lee Grp. ID: W612125-47

Date Received: 12/22/16

Date Analyzed: 02/22/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 0.55 | 0.01 | _ |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |



 Sample Name:
 CCE122216-P-WC-48
 Matrix:
 Potable Water
 Date Received:
 12/22/16

 RJ Lee Grp. ID:
 W612125-48
 Date Analyzed:
 02/22/17

| 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: CCE122216-P-WC-49 Matrix: Potable Water

RJ Lee Grp. ID: W612125-49

Matrix: Potable Water

Date Received: 12/22/16

Date Analyzed: 02/22/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|------------------|---------------|------------|
| Copper | EPA 200.8 | 1.4 | 0.1 | X |
| Lead | EPA 200.8 | 0.015 | 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

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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.

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W612125, Page 11 of 15

| cascont | Clistody | Chain of | | Custody | Chain of | CCE 12' | 50517 | 5000 | CCE 122 | CLEID | CG132, | CCEURS | たいろう | CCEPY | (CEV22) | CCEI22 | C | | Special Instructions | Send Invoice To | | | | | | | | 6 | | | | Report | | | | Only | Lab Use | ATTENTION TO: | |
|---------------------|-------------------------------|------------------------------|---------------------|-------------------------------|------------------------------|----------------------|---------------------|--------------------|--------------------|-------------------|------------------|-----------------|-------------------|-------------------|------------------|-------------------|--------------------|-------------|----------------------|-----------------------|-------------------|----------------------|---------------------------------|---|-----------------|---|---------------------------|-----------------------|----------------------|----------------------|----------------------------------|------------------------------------|-----------------|--------------------------------|---------------------|------|---------|---------------|--|
| Company Name: | Relinquished By (Print Name): | Relinquished By (Signature): | Company Name: | Relinquished By (Print Name): | Relinquished By (Signature): | CCE 1222-16-P-CDF-11 | CCC-1222-16-P-NF-10 | CCE179716-6-CDF-09 | CCE 122216-P-OF-08 | 40-52-4-918881375 | CF122216-P-WC-06 | CEU2246-P-KF-05 | 10-17-19- P-NF-04 | CCE122416-P-KF-63 | JCEN2216-6-KE-07 | CCE122216-P-KF-O1 | Client Sample ID | | | Phone: (509) 574-0839 | City, State, Zip: | Address: | Company: | Name: Lorrie Boutillier | Fax Results To: | Email Results To: | Call with Verbal Results: | Phone: (509) 574-0839 | City, State, Zip: | Address: 406 North | Company: Fulcrum E | Name: Amanda Enbysk, Ryan Mathews | Date Logged In: | Project No.: | | | | | |
| | Name): | iture): | -ulcrum | Name): Kyle Awas | ture): PLC | | Nurse sink | | I born was to som | Room 195 | Room 190 | < | | | | Kitchen fixwa | Sample Description | | | -0839 Fax: | Yakima, WA, 98901 | 406 North 2nd Street | Fulcrum Environmental Emai | | | aenbysk@efulcrum.net, CC: rmathews@efulcrum.net | 5: | -0839 Fax: | Yakima, WA, 98901 | 406 North 2nd Street | Fulcrum Environmental Consulting | k, Ryan Mathews | Logg | Client No: | RYAN MATHEWS | | | | |
| Method | Relinquished To: | Date: | Method | Relinquished To: | Date: 1/2 | < | | 26.w | 3 | | | | | | | wc 12-23 | Date | Sample | | (509) 575-8453 | | | Email: lboutillier@efulcrum.net | | | nathews@efulcru | | (509) 575-8453 | | | | | Logged In By: | t No: | | | | | |
| Method of Shipment: | | | Method of Shipment: | hed To: | Date: 12-22-16 | | | | | | | | | | | 1 | Start | Sample Time | | 5-8453 | | | crum.net | | | m.net | | 5-8453 | | | | | | | | | | | |
| | | Time: | | | Time: 130 | | | | | | | | | | | | Stop | | | | | | | | | | | | | | | | | | | | | | |
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| Anoromy | Custody | Chain of | | Custody | Chain of | + | | | | | | | | | | X | | - | EPA 200.8: | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | < ' | Chemistry | | | Sample Only | Water | Drinking | | Request | Turnaround | Purchase Order No.: | | | | |
| Company Name: | Received By (Print Name): | Received By (Signature): | Company Name: | Received By (Print Name): | Received By Signetu | 0 | | | | | | | | | | | | | | | | Analysis Requested | l | Other | 4 C HCI | res | 의 | Sample Purpose: A | Multiple Sources #s: | DOH Source #: | System ID #: | Sample Purpose: Infor | Stalldard. | | No.: | | | | |
| | lame): | ure): | March. | lame); Lo M | Deline . | | | | | | | | | | | | | | | | | uested | | E=Extract | S=Soil/Sludge | WW=Wastewater | Matrix: | B Other | | | | Information X Regulatory | | No If 'No.' | | | | | |
| Method c | Relinquished To: | Date: | Method o | Relinquished To: | OFFICE 2 | | | | | | | | | | | | Pres | _ | oon Red | _ | | /N) | | X=Other | 0=0il | SW=Surface Water | | | | | | Accreditation (please list below): | | If 'No.' No. of Business Days: | Client Job No.: | | | | |
| Method of Shipment: | hed To: | Time: | Method of Shipment: | hed To: | 2 2 2016 Time: | < < < | | | | | | | | | - | DW P | | | Matri ntainer | x | | | | A=Air (filter or tube) | | r P=Plastic | | | | | | se list below): | | | 162017 | | | | |
| | | | | | 30 | | 18 | 12 | 181 | 17.5 | 17/ | 17-8 | 174 | 181 | 18/0 | 115 | | No | pH . Conta | ine | rs | | | er or tube) | | | •' | | | | | | | | 7 | | | | |

DELIVERING SCIENTIFIC RESOLUTION

RJ LEE GROUP

724.325.1776 Phone 724.733.1799 Fax

Pennsylvania - HQ 350 Hochberg Road Monroeville, PA 15146

Pasco, WA 99301 2710 North 20th Avenue

Washington Columbia Basin Analytical Laboratories

509.545.4989 Phone 509.544.6010 Fax

Send Invoice

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Address:

City, State, Zip:

Yakima, WA, 98901

Company:

Fulcrum Environmental 406 North 2nd Street

Email: lboutillier@efulcrum.net

Instructions

Client Sample ID

Sample Description

Sample Date

Start

Stop

Wipe Area / Air

EPA 200.8: Pb, Cu

Pres. Upon Receipt (Y/N)

Preservation

Matrix

Container Type

рΗ

No. Containers

Analysis Requested

Special

Phone:

(509) 574-0839

Fax:

509) 575-8453

Request for Environmental and IH Laboratory Analytical Services

ATTENTION TO: Results Report Lab Use Only Name: Amanda Enbysk, Ryan Mathews Date Logged In: Project No.: Name: Lorrie Boutillier Email Results To: Phone: Fax Results To: Call with Verbal Results: City, State, Zip: Company: Fulcrum Environmental Consulting ddress: 406 North 2nd Street **RYAN MATHEWS** (509) 574-0839 aenbysk@efulcrum.net, CC: rmathews@efulcrum.net Yakima, WA, 98901 Fax: Logged in By: Client No: (509) 575-8453 Sample Only Multiple Sources #s: Purchase Order No.: Analysis Key | HNO3 Turnaround Chemistry Drinking Request Water 4°C Standardy DOH Source #: System ID #: Sample Purpose: A Unpres Preservation: Sample Purpose: Information X Regulatory

Accreditation (please list below): H₂SO₄ NaOH HCI Yes N_o GW=Groudwater S=Soil/Sludge WW=Wastewater Other o If 'No,' No. of Business Days Client Job No.: 0=0i DW=Drinking Water SW=Surface Water Page W=Wipe G=Glass P=Plastic Container: A=Air (filter or tube) 162017 앜 5

CCE 12246- P-CF-20 81-5-4-9FEC1 35 H-30-6-918881377 CCE 123216-P-CF-13 CCE 12346-6-CDE-21 61-7m-d-91+127-137 91-57-6-91ECO 375 £1-302-2-915037 CE12216-P-CF-15 Custody Custody Chain of Chain of te-25-0-9155 Company Name: Relinquished By (Print Name): Relinquished By (Print Name): Relinquished By (Signature): Relinquished By (Signature): Company Name: FUCCION 200m Room Room COG-3 Room Room 1200m Corridor Room 106 ROOM Room 6 106 80) Parco 104 Date: Relinquished To: Method of Shipment Method of Shipment: Relinquished To: 12-22-16 Time: 300 Chain of Custody Chain of Custody Received By (Rant Name): Company Name: Received By (Print Name): Company Name: Received By (Signature): Date: Relinquished To: Method of Shipment: Method of Shipment: Relinquished To: 既。22 2016 Time: Time: 1300 17.

Monroeville, PA 15146 350 Hochberg Road Pennsylvania - HQ

2710 North 20th Avenue Columbia Basin Analytical Laboratories

Pasco, WA 99301

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724.733.1799 Fax 724.325.1776 Phone

LEE GROUP

DELIVERING SCIENTIFIC RESOLUTION

R4_12032015

Request for Environmental and IH Laboratory Analytical Services

| | | | | | | | | | | | Page 3 | g, U |
|----------------------|-----------------------------------|---|------------------------|-------------|----------|-----------------|--------------------|---------------------------------------|---------------------|------------------------------------|-------------------------|-------------|
| ATTENTION TO: | | RYAN MATHEWS | | | | | Purchase Order No. | r No. | | Client Job No.: | 162017 | 7 |
| Lab Use | Project No.: | Client No: | | | | | Turnaround | ^ | | 7 | | |
| Only | Date Logged In: | Logged in By: | | | | | Request | Standard: (Yes | No It No, N | If 'No,' No. of Business Days: | | |
| | Name: Amanda Enbysk, Ryan Mathews | | | | | | | Sample Purpose: Information X | nation X Regulatory | Accreditation (please list below): | list below): | |
| | Company: Fulcrum E | Fulcrum Environmental Consulting | | | | | Drinking | System ID #: | | | | |
| 1 | ш | 406 North 2nd Street | | | | | Water | DOH Source #: | | | | |
| Results | e, Zip: | Yakima, WA, 98901 | | | | | Sample Only | _ | | | | |
| To | 09) 574 | Fax: | (509) 575-8453 | 453 | | | | | B Other D | | | |
| i | Call with Verbal Results: | \$: | | | | | | Preservation: | Matrix: | | Container: | |
| | Email Results To: | aenbysk@efulcrum.net, CC: rmathews@efulcrum.net | @efulcrum.i | net | | | Chamietry | гes | WW=Wastewater | SW=Surface Water | P=Plastic | |
| | Fax Results To: | | | | | | Analysis Key | 4 | S=Soil/Sludge | 0=0il | W=Wipe | |
| | Name: Lorrie Boutillier | | | | | | Allalysis Ney | Other Na ₃ SO ₄ | E=Extract | X=Other | A=Air (filter or tube) | r or tube) |
| Cond Invoice | Company: Fulcrum E | Fulcrum Environmental Email: lboutillier@efulcrum.net | lier@efulcru | ım.net | | | | ı | | | | |
| Jena invoice | Address: 406 North | 406 North 2nd Street | | | | | | Analysis Requested | uested | /N) | | |
| ō | e, Zip: | Yakima, WA, 98901 | | | | | | | | | e e | rs |
| | 09) 574 | -0839 Fax: | (509) 575-8453 | 453 | | | | | | | - | inei |
| Special Instructions | | | | | | | EPA 200.8: | | | n Red | Matri | pH Conta |
| | | | Sample | Sample Time | Time | Wine Area / Air | רם, כם | | | _ | Cor | No. |
| Clie | Client Sample ID | Sample Description | Date | Start | Stop | Volume | | | | Pres. | | 1 |
| 144132 | 25-13-16-P-CF-23 | Room 114 | なん | | | | \times | | | UNPR | DW P | 11/1 |
| CCE 130 | よシーターを見る | Room 177 | | | | | _ | | | | () | 77 |
| CCEIDS | SG-37 J-714-135 | Room 118 | | | | | | | | | | 128 |
| まてしョンフ | CCE12216-P-CDF-26 | 800m 118 | | | | | | | | | | 17. |
| CE 1222 | CE122216-P-CDF-27 | Room 120 | | | | | | | | | | 17. |
| etc 1320 | CF12246-P-CF-28 | | | | | | | | | | | 17. |
| 166133 | 12-4-9-4-01-6132 | _ | | | | | | | | | | 17. |
| CCE1333 | C(E12216-P-CDE-30 | | | | | | | | | | | 170 |
| 16661322 | CCE122216-P-CF-31 | Room 158 | | | | | | | | | | 12 |
| なりか | CCE 12416- P-CF-32 | Room 146 | | | | | | | | | | 3 |
| EE1 323 | 12216-P-CDF-33 | | 4 | 1 | | | < | | 1 | 1 | 1 | 18. |
| Chain of | Relinquished By (Signature): | ture): /// | Date: 12 | 37-55 | Time: 13 | 300 | Chain of | Received By (Signature | Leopel | DALC 2 | 2 2016 _{rime:} | 130 |
| Custody | Relinquished By (Print Name): | Name): Kyle Ayres | Relinquished To: | | | | Custody | Received By (Print Name): | ame): UD PLL | Relinquished To: | d To: | |
| | company warne: | 101600V | Metriod of smpriterit: | impinent: | | | | Company Name. | In me | Date: | Timo | |
| Chain of | Relinquished By (Print Name): | Name): | Relinquished To: | d To: | Tilling: | | Chain of | Received By (Print Name): | ame): | Relinquished To: | | |
| custody | Company Name: | | Method of Shipment: | shipment: | | | Custony | Company Name: | | Method of Shipment: | Shipment: | |

R4_12032015

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RJ Lee Group

Pennsylvania - HQ 350 Hochberg Road Monroeville, PA 15146

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Washington

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Pasco, WA 99301 509.545.4989 Phone 509.544.6010 Fax

Report

Results 5

Lab Use

Only

Send Invoice

Address:

406 North 2nd Street

Company: Fulcrum Environmental

Email: lboutillier@efulcrum.net

Analysis Requested

Request for Environmental and IH Laboratory Analytical Services

ATTENTION TO: Date Logged In: Project No.: Fax Results To: Phone: Name: Amanda Enbysk, Ryan Mathews Email Results To: Call with Verbal Results: Company: Fulcrum Environmental Consulting Name: Lorrie Boutillier City, State, Zip: Address: 406 North 2nd Street (509) 574-0839 **RYAN MATHEWS** aenbysk@efulcrum.net, CC: rmathews@efulcrum.net Yakima, WA, 98901 Logged In By: Client No: Fax: 509) 575-8453 Analysis Key HNO₃ Sample Only Multiple Sources #s: Turnaround Standard Purchase Order No.: Chemistry 4°C Request Drinking Water DOH Source #: System ID #: Sample Purpose: Information X Regulatory

Accreditation (please list below): Unpres H₂SO₄ Preservation: Sample Purpose: A 🗆 NaOH Ness) Z 0 S=Soil/Sludge GW=Groudwater WW=Wastewater Other o If 'No,' No. of Business Days: Client Job No.: DW=Drinking Water SW=Surface Water Page 4 of 5 G=Glass P=Plastic A=Air (filter or tube) Container 162017

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| Company Name: | Relinquished By (Print Name): | Relinquished By (Signature): | Company Name: | Relinquished By (Print Name): | Relinquished By (Signature): | CCE122216-P-CDE-44 | CCE 12216-P-OF-43 | CCE 1224-6-CF-42 | CCE 122816-P-CF-41 | CCE 122216-P-CF-40 | CCE 122216-P-CF-39 | CCE 12246-P-CF38 | 48-どっていると | CE 123918 P-CF-36 | CCE 122216-P-COF-35 | CCE122216-P-05-34 | Client Sample ID | | | | Phone: (509) 574-0839 | City, State, Zip: Ya |
| | ame): | re): | Folcoun | ime): / Kid < Awes | re): ///// | Koom 164 | 251 mag | Loom 154 | Room 152 | 200m 150 | Room 148 | 1200 m 146 | Room 142 | Room 140 | Room 140 | Room 147 | Sample Description | | | | 339 Fax: | Yakima, WA, 98901 |
| Method of | Relinquished To: | Date: | Method of Shipment | Relinquished To: | Date: 12-22-16 | < | | | | | | | | | _ | っても | Sample Date | | | | (509) 575-8453 | |
| Method of Shipment: | ed To: | | Shipment: | ed To: | 22-16 | | | | | | | | | | | | Start | Sampl | | | 8453 | |
| | | Time: | | | Time: 13 | | | | | | | | | | | | Stop | Sample Time | | | | |
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| | Custody | Chain of | | Custody | Chain of | 4 | | | | | | | | | _ | × | | F. C. | 200.8: | ΕPA | | |
| Company Name: | Received By (Print Name): | Received By (Signature): | Company Name: | Received By (Print Name): | Received By (Signature) | 0 | | | | | | | | | | | | | | | | |
| Metho | Relingu | Date: | Method | Relinqu | DaldE(| | | | | | | | | | | | Pres. | Up | on | Red | eip | t (Y, |
| Method of Shipment: | Relinquished To: | | Method of Shipment: | Relinquished To: | Da BEC 22 2 | 4 | | E | | | F | F | - | | , | UNPR | | Pr | ese Ma | rva | | 1 |
| lent: | | Time: | ent: | | 2016 ime: | 4 | | | | | | | | | | DW | (| Cor | ntaiı | ner | Тур | oe |
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| | | | | | 9 | 17. | 18 | 180 | 180 | 17. | 10. | 2 | 17. | 17 | 17.5 | 8 | | No | . Co | nta | ine | rs |

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Request for Environmental and IH Laboratory Analytical Services

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ATTENTION TO: CCE 122216-P-WC-49 CCE122216-6-MC-48 44-20 -2-9188132 CCE 122216-P-000-46 CCE 122216-P-CDF-45 Send Invoice Instructions Lab Use Special Results Report Custody Chain of Custody Chain of Only 5 Client Sample ID Address: Date Logged In: Project No.: Company: Company: Name: Amanda Enbysk, Ryan Mathews City, State, Zip: Fax Results To: Call with Verbal Results: Phone: City, State, Zip: Relinquished By (Print Name): Company Name: Relinquished By (Signature):
Relinquished By (Print Name): Vame: Lorrie Boutillier mail Results To: Address: Company Name: Relinquished By (Signature): 406 North 2nd Street Fulcrum Environmental Fulcrum Environmental Consulting (509) 574-0839 406 North 2nd Street **RYAN MATHEWS** (509) 574-0839 Yakima, WA, 98901 aenbysk@efulcrum.net, CC: rmathews@efulcrum.net Yakima, WA, 98901 FU (Crown Corridor ROOV 0.00 Portobal Portoba Sample Description twes 6 Client No: OC Email: lboutillier@efulcrum.net Fax: Logged In By: Fax: Date: 12-22-16 Method of Shipment: Relinquished To: (509) 575-8453 509) 575-8453 Relinquished To: んから Method of Shipment: Sample Date Start Time: Time: Stop 800 Wipe Area / Air Sample Only Multiple Sources #s: Purchase Order No.: EPA 200.8: Pb, Cu Analysis Key HNO3 Turnaround Chemistry Drinking Request Water Custody Chain of Custody Chain of Received By (Print Name)
Company Name: 4°C System ID #: Standard: (Yes DOH Source #: Unpres H₂SO₄ Sample Purpose: A Sample Purpose: Information X Regulatory Preservation: Received By (Print Name): Company Name: Received By (Signature): Analysis Requested NaOH Na₂SO₄ ద 8 GW=Groudwater WW=Wastewater S=Soil/Sludge Other -6 If 'No,' No. of Business Days: Accreditation (please list below) Client Job No.: DW=Drinking Water SW=Surface Water Date: 2 2 2016 Date: Relinquished To: Method of Shipment: Method of Shipment: Relinquished To: Pres. Upon Receipt (Y/N) Preservation Matrix W=Wipe G=Glass P=Plastic ۹=Air (filter or tube) Container 162017 Time: Time: Container Type рΗ 17 17-17.1 No. Containers

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