



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 54 sample(s) on 12/21/16 for analysis. These sample(s) have been assigned a login order number of W612104. 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 were analyzed on January 11, 2017 and samples requiring dilutions were analyzed on January 12, 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:

01/13/17

Project Coordinator II, M. Fernanda Pincheira

Date

If you have any questions please feel free to contact Fernanda Pincheira at [MPincheira@rjleegroup.com](mailto:MPincheira@rjleegroup.com).



## Laboratory Report

Ryan Mathews

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

Client Project:

Fulcrum Kennewick

RJ Lee Group No.: W612104

COC No.: Kennewick

Samples Received: 12/21/16

Analysis/Prep Date: 01/11/17

Report Date: 01/13/17

**Sample Name:** LE122116-P-KF-01      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-01      **Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	1.7	0.1	X
Lead	EPA 200.8	0.001	0.001	

**Sample Name:** LE122116-P-KF-02      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-02      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-KF-03      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-03      **Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	1.5	0.1	X
Lead	EPA 200.8	0.003	0.001	

**Sample Name:** LE122116-P-KF-04      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-04      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-KF-05      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-05      **Date Analyzed:** 01/11/17

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

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Report Template: GenMetalReportFull\_v12.rpt

Approved: 01/13/17 10:01  
Report Time Stamp: 01/13/17 12:28



**Sample Name:** LE122116-P-KF-06  
**RJ Lee Grp. ID:** W612104-06

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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:** LE122116-P-CF-07  
**RJ Lee Grp. ID:** W612104-07

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.86	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** LE122116-P-CDF-08  
**RJ Lee Grp. ID:** W612104-08

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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:** LE122116-P-CF-09  
**RJ Lee Grp. ID:** W612104-09

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CDF-10  
**RJ Lee Grp. ID:** W612104-10

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CF-11  
**RJ Lee Grp. ID:** W612104-11

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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:** LE122116-P-WC-12      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-12      **Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.70	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** LE122116-P-CDF-13      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-13      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CF-14      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-14      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CDF-15      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-15      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CF-16      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-16      **Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	1.5	0.1	X
Lead	EPA 200.8	0.002	0.001	

**Sample Name:** LE122116-P-CDF-17      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-17      **Date Analyzed:** 01/11/17

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:** LE122116-P-CF-18      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-18      **Date Analyzed:** 01/11/17

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:** LE122116-P-CDF-19      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-19      **Date Analyzed:** 01/11/17

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:** LE122116-P-NF-20      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-20      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-OF-21      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-21      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CF-22      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-22      **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CDF-23      **Matrix:** Potable Water      **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-23      **Date Analyzed:** 01/11/17

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



**Sample Name:** LE122116-P-OF-24  
**RJ Lee Grp. ID:** W612104-24

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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:** LE122116-P-CF-25  
**RJ Lee Grp. ID:** W612104-25

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CDF-26  
**RJ Lee Grp. ID:** W612104-26

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CF-27  
**RJ Lee Grp. ID:** W612104-27

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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:** LE122116-P-CDF-28  
**RJ Lee Grp. ID:** W612104-28

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CF-29  
**RJ Lee Grp. ID:** W612104-29

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/11/17

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:** LE122116-P-CDF-30 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-30 **Date Analyzed:** 01/11/17

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:** LE122116-P-CF-31 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-31 **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CDF-32 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-32 **Date Analyzed:** 01/11/17

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:** LE122116-P-CF-33 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-33 **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CDF-34 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-34 **Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	1.7	0.1	X
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** LE122116-P-CF-35 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-35 **Date Analyzed:** 01/11/17

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:** LE122116-P-CDF-36 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-36 **Date Analyzed:** 01/11/17

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:** LE122116-P-CF-37 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-37 **Date Analyzed:** 01/11/17

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:** LE122116-P-CDF-38 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-38 **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-CF-39 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-39 **Date Analyzed:** 01/11/17

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:** LE122116-P-CDF-40 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-40 **Date Analyzed:** 01/11/17

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:** LE122116-P-CF-41 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-41 **Date Analyzed:** 01/12/17

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





**Sample Name:** LE122116-P-CDF-42 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-42 **Date Analyzed:** 01/12/17

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

**Sample Name:** LE122116-P-WC-43 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-43 **Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.73	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** LE122116-P-BF-44 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-44 **Date Analyzed:** 01/12/17

Analyte	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:** LE122116-P-WC-45 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-45 **Date Analyzed:** 01/12/17

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

**Sample Name:** LE122116-P-WC-46 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-46 **Date Analyzed:** 01/11/17

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

**Sample Name:** LE122116-P-OF-47 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-47 **Date Analyzed:** 01/12/17

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:** LE122116-P-CDF-48 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-48 **Date Analyzed:** 01/12/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	2.2	0.1	X
Lead	EPA 200.8	0.002	0.001	

**Sample Name:** LE122116-P-CDF-49 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-49 **Date Analyzed:** 01/12/17

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:** LE122116-P-CF-50 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-50 **Date Analyzed:** 01/12/17

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:** LE122116-P-CDF-51 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-51 **Date Analyzed:** 01/12/17

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:** LE122116-P-WC-52 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-52 **Date Analyzed:** 01/11/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.56	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** LE122116-P-WC-53 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612104-53 **Date Analyzed:** 01/11/17

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



**Sample Name:** LE122116-P-WC-54  
**RJ Lee Grp. ID:** W612104-54

**Matrix:** Potable Water

**Date Received:** 12/21/16

**Date Analyzed:** 01/12/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	1.2	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*

QA Officer/Organic Analytical SME John Coddington

*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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Report Template: GenMetalReportFull\_v12.rpt

Approved: 01/13/17 10:01  
 Report Time Stamp: 01/13/17 12:28

# Request for Environmental and IH Laboratory Analytical Services

W612104

ATTENTION TO: RYAN MATHEWS		Client No.: 162017							
Lab Use Only		Turnaround Request							
Project No.:	Client No.:	Standard: <b>Yes</b> No	If 'No,' No. of Business Days:						
Date Logged In:	Logged In By:	Sample Purpose: <b>Information X</b> Regulatory <input type="checkbox"/> Accreditation (please list below):							
Name: Amanda Embysk, Ryan Mathews	Company: Fulcrum Environmental Consulting	System ID #:	DOH Source #:						
Address: 406 North 2nd Street	City, State, Zip: Yakima, WA, 98901	Multiple Sources #s:	Sample Purpose: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>						
Phone: (509) 574-0839	Fax: (509) 575-8453	Preservation: Unpres H <sub>2</sub> SO <sub>4</sub> 4°C HCl NaOH HNO <sub>3</sub> Other	Matrix: WW=Wastewater GW=Groundwater S=Soil/Sediment E=Extract						
Report Results To	Call with Verbal Results:	Chemistry Analysis Key	Container: P=Plastic G=Glass W=Wipe A=Air (filter or tube)						
Name: Lorrie Boutillier	Email Results To: aembysk@fulcrum.net, CC: rmathews@fulcrum.net	Analysis Requested	Pres. Upon Receipt (Y/N)						
Company: Fulcrum Environmental	Fax Results To:		UNPR.						
Address: 406 North 2nd Street	Name: Lorrie Boutillier		DW						
City, State, Zip: Yakima, WA, 98901	Email: lboutillier@fulcrum.net								
Phone: (509) 574-0839									
Fax: (509) 575-8453									
Special Instructions	Client Sample ID	Sample Description	Sample Date	Sample Time	Wipe Area / Air Volume	Chain of Custody	Received By (Signature)	Date	Time
	LE122116-P-KF-01	Kitchen Fixture	12-21			X	[Signature]	DEC 21 2016	1:40
	LE122116-P-KF-02								
	LE122116-P-KF-03								
	LE122116-P-KF-04								
	LE122116-P-KF-05								
	LE122116-P-KF-06								
	LE122116-P-CF-07	classroom front room 122							
	LE122116-P-CDF-08	room 120							
	LE122116-P-CF-09	room 118							
	LE122116-P-CDF-10	room 114							
	LE122116-P-CF-11	room 112							
Chain of Custody	Relinquished By (Signature): [Signature]	Date: 12-21-16	Time: 1:00	Chain of Custody	Received By (Signature): [Signature]	Date: DEC 21 2016	Time: 1:40		
Chain of Custody	Relinquished By (Print Name): Fulcrum	Method of Shipment:	Time:	Chain of Custody	Received By (Print Name): [Signature]	Method of Shipment:	Time:		
Chain of Custody	Relinquished By (Signature): [Signature]	Date:	Time:	Chain of Custody	Received By (Signature): [Signature]	Date:	Time:		
Chain of Custody	Relinquished By (Print Name): [Print Name]	Method of Shipment:	Time:	Chain of Custody	Received By (Print Name): [Print Name]	Method of Shipment:	Time:		

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# Request for Environmental and IH Laboratory Analytical Services

W612104

Page 2 of 5

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ATTENTION TO: RYAN MATHEWS			Purchase Order No.: 162017	Client Job No.: 162017							
Lab Use Only	Project No.:	Client No.:	Standard:	Yes	No	If 'No,' No. of Business Days:					
Date Logged In:		Logged In By:	Sample Purpose: <b>Information X</b> Regulatory <input type="checkbox"/> Accreditation (please list below):								
Name: Amanda Embysk, Ryan Mathews		System ID #:									
Company: Fulcrum Environmental Consulting		DOH Source #:									
Address: 406 North 2nd Street		Multiple Sources #s:									
City, State, Zip: Yakima, WA, 98901		Preservation: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>									
Phone: (509) 574-0839		Matrix: <input type="checkbox"/> W=Surface Water <input type="checkbox"/> P=Plastic									
Fax: (509) 575-8453		<input type="checkbox"/> G=Glass									
Call with Verbal Results:		<input type="checkbox"/> DW=Drinking Water									
Email Results To: aembysk@fulcrum.net, CC: rmathews@fulcrum.net		<input type="checkbox"/> S=Soil/Sediment									
Fax Results To:		<input type="checkbox"/> E=Extract									
Name: Lorrie Boutillier		<input type="checkbox"/> O=Oil									
Company: Fulcrum Environmental		<input type="checkbox"/> X=Other									
Address: 406 North 2nd Street		Container Type									
City, State, Zip: Yakima, WA, 98901		pH									
Phone: (509) 574-0839		No. Containers									
Fax: (509) 575-8453		Analysis Requested									
Special Instructions											
EPA 200.8: Pb, Cu											
Client Sample ID	Sample Description	Sample Date	Start	Stop	Wipe Area / Air Volume	Pres. Upon Receipt (Y/N)	Preservation	Matrix	Container Type	pH	No. Containers
LE122116-P-WC-12	cor 121	12-21				Y	UNPR	DW	P		14.8
LE122116-P-COF-13	room 110										15.1
LE122116-P-CF-14	room 108										15.0
LE122116-P-COF-15	room 106										15.1
LE122116-P-CF-16	room 108										15.3
LE122116-P-COF-17	room 107										15.3
LE122116-P-CF-18	room 104										15.1
LE122116-P-COF-19	room 102										15.1
LE122116-P-NF-20	room 113										15.3
LE122116-P-GF-21	library work room										15.3
LE122116-P-CF-22											15.0
Relinquished By (Signature): <i>[Signature]</i>		Date: 12-21-16	Time: 12:00								
Relinquished By (Print Name): Kyle Ames		Relinquished To:									
Company Name: Fulcrum		Method of Shipment:									
Chain of Custody		Date:		Time:							
Relinquished By (Signature):		Relinquished To:									
Relinquished By (Print Name):		Method of Shipment:									
Company Name:		Date:		Time:							
Chain of Custody		Date: 12-21-16		Time: 12:00							
Relinquished By (Signature): <i>[Signature]</i>		Relinquished To:									
Relinquished By (Print Name):		Method of Shipment:									
Company Name:		Date:		Time:							

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RA\_12032015

# Request for Environmental and IH Laboratory Analytical Services

W612104

ATTENTION TO:		RYAN MATHEWS			Purchase Order No.:		Client Job No.:					
Lab Use Only	Project No.:	Client No.:	Logged In By:		Standard:	Yes	No	If 'No', No. of Business Days:				
Report Results To	Date Logged In:	Name:	Company:		Sample Purpose:	Information X Regulatory <input type="checkbox"/> Accreditation (please list below):						
	Company:	Address:	City, State, Zip:		System ID #:							
	Phone:	City, State, Zip:	Fax:		DOH Source #:							
	Call with Verbal Results:	Phone:	Fax:		Multiple Sources #:							
	Email Results To:	City, State, Zip:	Fax:		Sample Purpose: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>							
	Fax Results To:	City, State, Zip:	Fax:		Preservation:	Matrix:	Container:					
Send Invoice To	Name:	Company:	Address:		Unpres	WW=Wastewater	SW=Surface Water	P=Plastic				
	City, State, Zip:	City, State, Zip:	City, State, Zip:		4°C	GW=Groundwater	DW=Drinking Water	G=Glass				
	Phone:	Phone:	Phone:		HNO <sub>3</sub>	S=Soil/Sludge	O=Oil	W=Wipe				
			Fax:		Other	E=Extract	X=Other	A=Air (filter or tube)				
Special Instructions	Analysis Requested											
Client Sample ID	Sample Description	Sample Date	Start	Stop	Wipe Area / Air Volume	EPA 200.8: Pb, Cu	Pres. Upon Receipt (Y/N)	Preservation	Matrix	Container Type	pH	No. Containers
LE122116-P-CDF-23	room 145	12-16				X		UNPR	DW			154
LE122116-P-OF-24	room 147											153
LE122116-P-CF-25	room 140											153
LE122116-P-CDF-26	room 142											146
LE122116-P-CF-27	room 155											148
LE122116-P-CDF-28	room 155											151
LE122116-P-CF-29	room 146											152
LE122116-P-CDF-30	room 146											117
LE122116-P-CF-31	room 148											117
LE122116-P-CDF-32	room 148											117
LE122116-P-CF-33	room 150											116
Chain of Custody	Relinquished By (Signature):	Date:	Relinquished To:	Time:	Method of Shipment:	Received By (Signature):	Date:	Relinquished To:	Time:	Method of Shipment:		
	Company Name:					Company Name:						

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# Request for Environmental and IH Laboratory Analytical Services

W612104

ATTENTION TO: <b>RYAN MATHEWS</b>		Purchase Order No.: <b>162017</b>		Client Job No.: <b>162017</b>	
<b>Lab Use Only</b>	Project No.: Date Logged In: Client No.: Logged In By:	<b>Turnaround Request</b>		Standard: <b>Yes</b> No <input type="checkbox"/> If 'No,' No. of Business Days: _____	
<b>Report Results To</b>	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 Call with Verbal Results: Email Results To: aembysk@fulcrum.net, CC: rmathews@fulcrum.net Fax Results To:	<b>Drinking Water Sample Only</b>		Sample Purpose: <b>Information X</b> Regulatory <input type="checkbox"/> Accreditation (please list below): System ID #: _____ DOH Source #: _____ Multiple Sources #s: _____ Sample Purpose: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>	
<b>Send Invoice To</b>	Name: Lorrrie Boultiller Company: Fulcrum Environmental Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453	<b>Chemistry Analysis Key</b>		Preservation: _____	
<b>Special Instructions</b>		<b>Analysis Requested</b>		Container: P=Plastic G=Glass W=Wipe A=Air (filter or tube)	
<b>Client Sample ID</b>	<b>Sample Description</b>	<b>Sample Date</b>	<b>Sample Time</b>	<b>Wipe Area / Air Volume</b>	<b>Pres. Upon Receipt (Y/N)</b>
LE122116-P-CDF-34	room 150	12-21			X
LE122116-P-CF-35	room 152				
LE122116-P-CDF-36	room 152				
LE122116-P-CF-37	room 154				
LE122116-P-CF-38	room 154				
LE122116-P-CF-39	room 164				
LE122116-P-CDF-40	room 164				
LE122116-P-CF-41	room 168				
LE122116-P-CDF-42	room 168				
LE122116-P-WC-43	air, 165				
LE122116-P-RF-44	GYM				
<b>Chain of Custody</b>	Relinquished By (Signature): <i>[Signature]</i> Relinquished By (Print Name): <i>Kyle AWS</i> Company Name: <i>Fulcrum</i>	Date: 12-21-16	Time: 12:00	<b>Chain of Custody</b>	Received By (Signature): <i>[Signature]</i> Received By (Print Name): <i>Ryan Mathews</i> Company Name: <i>Fulcrum</i>
<b>Chain of Custody</b>	Relinquished By (Signature): _____ Relinquished By (Print Name): _____ Company Name: _____	Date: _____	Time: _____	<b>Chain of Custody</b>	Received By (Signature): _____ Received By (Print Name): _____ Company Name: _____

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# Request for Environmental and IH Laboratory Analytical Services

W612104

ATTENTION TO: <b>RYAN MATHEWS</b>		Purchase Order No.:		Client Job No.:		<b>162017</b>				
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: <b>Information X</b> Regulatory <input type="checkbox"/> Accreditation (please list below):	System ID #:						
Name: Amanda Ehbysk, Ryan Mathews		Company: Fulcrum Environmental Consulting		DOH Source #:						
Address: 406 North 2nd Street		City, State, Zip: Yakima, WA, 98901		Multiple Sources #:						
Phone: (509) 574-0839		Fax: (509) 575-8453		Sample Purpose: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>						
Call with Verbal Results:		Email Results To: aehbysk@fulcrum.net, CC: rmathews@fulcrum.net		Preservation: <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> HCl <input type="checkbox"/> NaOH <input type="checkbox"/> Na <sub>2</sub> SO <sub>4</sub>	Matrix: <input type="checkbox"/> WW=Wastewater <input type="checkbox"/> GW=Groundwater <input type="checkbox"/> S=Soil/Sludge <input type="checkbox"/> E=Extract	Container: <input type="checkbox"/> SW=Surface Water <input type="checkbox"/> DW=Drinking Water <input type="checkbox"/> O=Oil <input type="checkbox"/> X=Other	P=Plastic <input type="checkbox"/> G=Glass <input type="checkbox"/> W=Wipe <input type="checkbox"/> A=Air (filter or tube)			
Fax Results To:		Name: Lorrie Boutillier		<b>Chemistry Analysis Key</b>						
Company: Fulcrum Environmental		Email: lboutillier@fulcrum.net		<b>Analysis Requested</b>						
Address: 406 North 2nd Street		City, State, Zip: Yakima, WA, 98901		EPA 200.8: <input type="checkbox"/> Pb, Cu						
Phone: (509) 574-0839		Fax: (509) 575-8453		Pres. Upon Receipt (Y/N)						
Special Instructions	Client Sample ID	Sample Description	Sample Date	Sample Time	Wipe Area / Air Volume	Preservation	Matrix	Container Type	pH	No. Containers
	LE122116-P-WC-45	Gym	12-21			X				16.7
	LE122116-P-WC-46	room 190								16.5
	LE122116-P-6F-47	room 170								17.8
	LE122116-P-6F-48	room 170								17.2
	LE122116-P-6F-49	room 118								16.1
	LE122116-P-6F-50	room 114								16.1
	LE122116-P-6F-51	room 112								15.7
	LE122116-P-WC-52	corr 121								15.8
	LE122116-P-WC-53	water coolers								16.5
	LE122116-P-WC-54	water coolers								16.7
Chain of Custody	Relinquished By (Signature):	Date: 12-21-16	Time: 1200	Chain of Custody	Received By (Signature):	Date: DEC 21 2016	Time: 12:10			
Chain of Custody	Relinquished By (Print Name): Kyle Amis	Relinquished To:	Method of Shipment:	Chain of Custody	Received By (Print Name):	Relinquished To:	Method of Shipment:			
Chain of Custody	Relinquished By (Signature):	Date:	Time:	Chain of Custody	Received By (Signature):	Date:	Time:			
Chain of Custody	Relinquished By (Print Name):	Relinquished To:	Time:	Chain of Custody	Received By (Print Name):	Relinquished To:	Time:			
Chain of Custody	Company Name:	Method of Shipment:		Chain of Custody	Company Name:	Method of Shipment:				

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