



RJ LeeGroup, 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 23 sample(s) on 12/21/16 for analysis. These sample(s) have been assigned a login order number of W612098. 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.

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:

  
Office Manager JJ Furlong

01/09/17

Date

If you have any questions please feel free to contact JJ Furlong at [jfurlong@rjlg.com](mailto:jfurlong@rjlg.com).



## Laboratory Report

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

RJ Lee Group No.: W612098  
COC No.: Kennewick  
Samples Received: 12/21/16  
Analysis/Prep Date: 01/09/17  
Report Date: 01/09/17

Client Project:

Fulcrum Kennewick

**Sample Name:** CWE122116-P-KF-01 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-01 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.10	0.01	
Lead	EPA 200.8	0.008	0.001	

**Sample Name:** CWE122116-P-KF-02 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-02 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.11	0.01	
Lead	EPA 200.8	0.003	0.001	

**Sample Name:** CWE122116-P-KF-03 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-03 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.10	0.01	
Lead	EPA 200.8	0.004	0.001	

**Sample Name:** CWE122116-P-KF-04 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-04 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.10	0.01	
Lead	EPA 200.8	0.003	0.001	

**Sample Name:** CWE122116-P-DF-05 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-05 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.08	0.01	
Lead	EPA 200.8	0.001	0.001	

Columbia Basin Analytical Laboratories | 2710 North 20th Avenue, Pasco WA 93301 | 509.545.4989

WWW.RJLEEGROUP.COM

Report Template: GenMetalReportFull\_v12.rpt

Approved: 01/9/17 17:13  
Report Time Stamp: 01/09/17 17:50



**Sample Name:** CWE122116-P-DF-06 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-06 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.06	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-DF-07 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-07 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.07	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-CF-08 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-08 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.15	0.01	
Lead	EPA 200.8	0.001	0.001	

**Sample Name:** CWE122116-P-CF-09 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-09 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.09	0.01	
Lead	EPA 200.8	0.003	0.001	

**Sample Name:** CWE122116-P-CF-10 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-10 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.08	0.01	
Lead	EPA 200.8	0.001	0.001	

**Sample Name:** CWE122116-P-OF-11 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-11 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.31	0.01	
Lead	EPA 200.8	0.025	0.001	



**Sample Name:** CWE122116-P-NF-12 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-12 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.11	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-OF-13 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-13 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.22	0.01	
Lead	EPA 200.8	0.004	0.001	

**Sample Name:** CWE122116-P-CF-14 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-14 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.08	0.01	
Lead	EPA 200.8	0.001	0.001	

**Sample Name:** CWE122116-P-CF-15 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-15 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.08	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-DF-16 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-16 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.08	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-DF-17 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-17 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.07	0.01	
Lead	EPA 200.8	< 0.001	0.001	



**Sample Name:** CWE122116-P-CF-18 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-18 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.08	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-DF-19 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-19 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.07	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-DF-20 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-20 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.07	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-CF-21 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-21 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.08	0.01	
Lead	EPA 200.8	< 0.001	0.001	

**Sample Name:** CWE122116-P-CF-22 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-22 **Date Analyzed:** 01/09/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	1.2	0.1	
Lead	EPA 200.8	0.015	0.001	

**Sample Name:** CWE122116-P-CF-23 **Matrix:** Potable Water **Date Received:** 12/21/16  
**RJ Lee Grp. ID:** W612098-23 **Date Analyzed:** 01/09/17

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

W612098

ATTENTION TO: **RYAN MATHEWS** Client Job No.: **162017**

Lab Use Only Project No.: Client No.:  
Date Logged In: Logged In By:

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:

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

Send Invoice To  
Special Instructions

Client Sample ID Sample Description Sample Date Sample Time Wipe Area / Air

CUFE122116-P-KF01 Kitchen 12/24  
CUFE122116-P-KF02 Kitchen (NW)  
CUFE122116-P-KF03 Kitchen  
CUFE122116-P-KF04 Kitchen  
CUFE122116-P-DF-05 Cabena  
CUFE122116-P-DF-06 East entry  
CUFE122116-P-DF-07 East entry  
CUFE122116-P-DF-08 Room 11  
CUFE122116-P-DF-09 Room 8  
CUFE122116-P-DF-10 Room 5  
CUFE122116-P-DF-11 Teacher lounge

Turnaround Request Standard: Yes No If 'No,' No. of Business Days:  
Sample Purpose: Information X Regulatory Accretitation (please list below):  
Drinking Water System ID #: DOH Source #:  
Multiple Sources #s:

Chemistry Analysis Key  
Preservation: Unpres H<sub>2</sub>SO<sub>4</sub> 4°C HNO<sub>3</sub> Other  
Matrix: WW=Wastewater GW=Groundwater S=Soil/Sludge E=Extract  
Container: P=Plastic G=Glass W=Wipe A=Air (filter or tube)  
SW=Surface Water DW=Drinking Water O=Oil X=Other

Analysis Requested  
Pres. Upon Receipt (Y/N)  
Preservation UNPR DW  
Matrix  
Container Type  
pH  
No. Containers

Chain of Custody Relinquished By (Signature):  
Relinquished By (Print Name):  
Company Name:

Chain of Custody Relinquished By (Signature):  
Relinquished By (Print Name):  
Company Name:

Chain of Custody Relinquished By (Signature):  
Relinquished By (Print Name):  
Company Name:

Chain of Custody Relinquished By (Signature):  
Relinquished By (Print Name):  
Company Name:

Pennsylvania - HQ  
350 Hochberg Road  
Monroeville, PA 15146  
724.325.1776 Phone  
724.733.1799 Fax

Washington  
Columbia Basin Analytical Laboratories  
2710 North 20th Avenue  
Pasco, WA 99301  
509.545.4989 Phone  
509.544.6010 Fax





# Request for Environmental and IH Laboratory Analytical Services

W612098

W612098, 8 of 8

ATTENTION TO: <b>RYAN MATHEWS</b>		Purchase Order No.: <b>162017</b>		Client Job No.: <b>162017</b>	
Lab Use Only	Project No.: Date Logged In: Client No.: Logged In By:	Turnaround Request		Standard: <b>Yes</b> No	If 'No,' No. of Business Days:
Report Results To	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:	Drinking Water Sample Only	System ID #: DOH Source #: Multiple Sources #:	Sample Purpose: <b>Information X</b> Regulatory <input type="checkbox"/> Accreditation (please list below):	
Send Invoice To	Name: Lorrie Boutilier Company: Fulcrum Environmental Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453	Chemistry Analysis Key	Preservation: Unpres H <sub>2</sub> SO <sub>4</sub> 4°C HNO <sub>3</sub> Other Matrix: WW=Wastewater GW=Groundwater S=Soil/Sludge E=Extract Container: P=Plastic G=Glass W=Wipe A=Air (filter or tube)	SW=Surface Water DW=Drinking Water O=Oil X=Other	
Special Instructions		Analysis Requested			
Client Sample ID	Sample Description	Sample Date	Sample Time	Wipe Area / Air Volume	Pres. Upon Receipt (Y/N)
CW6E122116-P-NF-12	Nurse office	12/21			X
CW6E122116-P-OF-13	workroom				UNPR.
CW6E122116-P-OF-14	Room 26				DW
CW6E122116-P-DF-15	Room 26				
CW6E122116-P-DF-16	2nd floor RR center				
CW6E122116-P-DF-17	↓				
CW6E122116-P-CE-18	Room 22				
CW6E122116-P-DF-19	South entry				
CW6E122116-P-DF-20	South entry				
CW6E122116-P-CE-21	Room 1				
CW6E122116-P-CE-22	Art room				
Chain of Custody	Relinquished By (Signature): Relinquished By (Print Name): Company Name:	Date: 12/21/16 Time: 1:53	Received By (Signature): Received By (Print Name): Company Name:	Date: <b>DEC 21 2016</b> Time: <b>8:00</b>	Relinquished To: Method of Shipment:

Pennsylvania - HQ  
350 Hochberg Road  
Monroeville, PA 15146

Washington  
Columbia Basin Analytical Laboratories  
2710 North 20th Avenue  
Pasco, WA 99301

724.325.1776 Phone  
724.733.1799 Fax

509.545.4989 Phone  
509.544.6010 Fax

