



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 10 sample(s) on 12/22/16 for analysis. These sample(s) have been assigned a login order number of W612110. 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:

01/27/17

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

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

RJ Lee Group No.: W612110  
COC No.: Kennewick  
Samples Received: 12/22/16  
Analysis/Prep Date: 01/20/17  
Report Date: 01/27/17

Client Project:

Fulcrum Kennewick

**Sample Name:** KDC122216-P-KF-01 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-01 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.21	0.01	
Lead	EPA 200.8	0.001	0.001	

**Sample Name:** KDC122216-P-WC-02 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-02 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.44	0.01	
Lead	EPA 200.8	< 0.0010	0.001	

**Sample Name:** KDC122216-P-CF-03 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-03 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.57	0.01	
Lead	EPA 200.8	0.002	0.001	

**Sample Name:** KDC122216-P-CF-04 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-04 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.66	0.01	
Lead	EPA 200.8	0.003	0.001	

**Sample Name:** KDC122216-P-CF-05 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-05 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.62	0.01	
Lead	EPA 200.8	0.002	0.001	

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Report Template: GenMetalReportFull\_v12.rpt

Approved: 01/27/17 12:33  
Report Time Stamp: 01/27/17 16:42



**Sample Name:** KDC122216-P-CF-06 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-06 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.68	0.01	
Lead	EPA 200.8	0.004	0.001	

**Sample Name:** KDC122216-P-CF-07 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-07 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.80	0.01	
Lead	EPA 200.8	0.002	0.001	

**Sample Name:** KDC122216-P-CF-08 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-08 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	0.82	0.01	
Lead	EPA 200.8	0.003	0.001	

**Sample Name:** KDC122216-P-CF-09 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-09 **Date Analyzed:** 01/20/17

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:** KDC122216-P-CF-10 **Matrix:** Potable Water **Date Received:** 12/22/16  
**RJ Lee Grp. ID:** W612110-10 **Date Analyzed:** 01/20/17

Analyte	Method	Result (mg/L)	PQL (mg/L)	Qualifiers
Copper	EPA 200.8	1.37	0.01	
Lead	EPA 200.8	0.015	0.001	




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**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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**Scientist II DeNomy Dage**

*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

W62116

ATTENTION TO: <b>RYAN MATHEWS</b>		Purchase Order No.:		Client Job No.:		<b>162017</b>					
<b>Lab Use Only</b>	Project No.:	Client No.:	Turnaround Request	Standard: <b>Yes</b> No	If 'No', No. of Business Days:						
	Date Logged In:	Logged In By:	Drinking Water Sample Only	Sample Purpose: <b>Information X</b> Regulatory <input type="checkbox"/> Accreditation (please list below):							
	Name: Amanda Ebyysk, Ryan Mathews		System ID #:	DOH Source #:							
	Company: Fulcrum Environmental Consulting		Multiple Sources #:	Sample Purpose: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/>							
	Address: 406 North 2nd Street		Preservation:	Matrix:	Container:						
	City, State, Zip: Yakima, WA, 98901		Unpres 4°C	WW=Wastewater	SW=Surface Water	P=Plastic					
	Phone: (509) 574-0839		HNO <sub>3</sub>	GW=Groundwater	DW=Drinking Water	G=Glass					
	Fax: (509) 575-8453		NaOH	S=Soil/Sludge	O=Oil	W=Wipe					
	Call with Verbal Results:		Other Na <sub>2</sub> SO <sub>4</sub>	E=Extract	X=Other	A=Air (filter or tube)					
	Email Results To: aebysk@fulcrum.net, CC: rmathews@fulcrum.net		<b>Analysis Requested</b>								
	Fax Results To:										
	Name: Lorrie Boutillier										
	Company: Fulcrum Environmental										
	Address: 406 North 2nd Street										
	City, State, Zip: Yakima, WA, 98901										
	Phone: (509) 574-0839										
	Fax: (509) 575-8453										
<b>Special Instructions</b>											
<b>Send Invoice To</b>											
<b>Chain of Custody</b>	Client Sample ID	Sample Description	Sample Date	Sample Time	Wipe Area / Air Volume	Pres. Upon Receipt (Y/N)	Preservation	Matrix	Container Type	pH	No. Containers
	KDC122216-P-KF-01	Kitchen fixture	12-22				UNPR	DW			14.9
	KDC122216-P-WC-02	Wicker cooler									14.9
	KDC122216-P-CF-03	Room 1									14.7
	KDC122216-P-CF-04	Room 2									14.9
	KDC122216-P-CF-05	Room 3									14.9
	KDC122216-P-CF-06	Room 4									16.2
	KDC122216-P-CF-07	Room 5									15.5
	KDC122216-P-CF-08	Room 6									14.5
	KDC122216-P-CF-09	Room 9									14.5
	KDC122216-P-CF-10	Room 10									14.5
	Relinquished By (Signature): <i>[Signature]</i>	Date: 12-22-16	Time: 1300								
	Relinquished By (Print Name): Ryan Mathews	Relinquished To:	Method of Shipment:								
	Company Name: Fulcrum	Date:	Time:								
	Relinquished By (Signature): <i>[Signature]</i>	Date:	Time:								
	Relinquished By (Print Name): Ryan Mathews	Date: 12-22-2016	Time: 1300								
	Company Name: Fulcrum	Relinquished To:	Method of Shipment:								
	Relinquished By (Signature): <i>[Signature]</i>	Date:	Time:								
	Relinquished By (Print Name): Ryan Mathews	Date:	Time:								
	Company Name: Fulcrum	Date:	Time:								

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