

503-254-1794

Job 6100401 Number:

Report

10/11/2016 Date:

ORELAP #: OR100028

Project No: 024-District Operations Center

Cover Letter

Pat McGough West Linn School District 2755 SW Borland West Linn, OR 97068

Dear Pat McGough,

Enclosed please find Pixis Labs analytical report for samples received as order number 6100401 on 10/04/2016. Should you have any questions about this report or any other matter, please do not hesitate to contact us. We are here to help you.

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.

Thank you for allowing Pixis to be of service to you, we appreciate your business.

Sincerely,

Signed Richard Reid Project Manager

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12423 NE Whitaker Way Portland, OR 97230 503-254-1794 Job Number: 6100401 Report Date: 10/11/2016 ORELAP#: OR100028

Project No: 024-District Operations Center

Sample Results

				San	nple R	esults			
Sample: A108-A Lab ID: 123748				04/16 05:3 04/16 09:2		Temp: 21	C of Cooling:N	Matrix: Drinking \	Vater
Analyte	Result		Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8								•	
Copper	0.329	1.3	mg/L	0.0010	1	29699-54		10/07/16 18:55	
Lead	0.0016	0.02	mg/L	0.0002	1	29699-54		10/07/16 18:55	
Loud	0.0010	0.02	mg/ L	0.0002	•	20000 04		10/07/10 10:50	
Sample: A109-A-1		Collect	ted: 10/	04/16 05:3	34	Temp: 21	С	Matrix: Drinking \	Vater
Lab ID: 123749		Receiv	/ed: 10/	04/16 09:2	20	Evidence	of Cooling:N		
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.442	1.3	mg/L	0.0010	1	29699-55		10/07/16 18:57	
Lead	0.0013	0.02	mg/L	0.0002	1	29699-55		10/07/16 18:57	
Sample: A109-A-2				04/16 05:3		Temp: 21		Matrix: Drinking \	Vater
Lab ID: 123750				04/16 09:2			of Cooling:N		
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.462	1.3	mg/L	0.0010	1	29699-56		10/07/16 18:59	
Lead	0.0052	0.02	mg/L	0.0002	1	29699-56		10/07/16 18:59	
Sample: A110-A-1				04/16 05:3	_	Temp: 21		Matrix: Drinking \	Vater
Lab ID: 123751				04/16 09:2	-		of Cooling:N		
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.454	1.3	mg/L	0.0010	1	29699-75		10/07/16 20:08	
Lead	0.0010	0.02	mg/L	0.0002	1	29699-75		10/07/16 20:08	
Sample: A110-A-2		Collect	ted: 10/	04/16 05:3	89	Temp: 21	С	Matrix: Drinking \	Vater
Lab ID: 123752				04/16 09:2		· ·	of Cooling:N	Wattix. Drilling	valor
Analyte	Result		Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.422	1.3	mg/L	0.0010	1	29699-29		10/07/16 18:00	
Lead	0.422	0.02	mg/L		1	29699-29		10/07/16 18:00	
_044	0.0000	0.02	g/L	0.0002	•	20000 20		10,07,10 10.00	
Sample: A112-D		Collect	ted: 10/0	04/16 05:4	11	Temp: 21	С	Matrix: Drinking \	Vater
Lab ID: 123753		Receiv	/ed: 10/	04/16 09:2	20	Evidence	of Cooling:N		
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.129	1.3	mg/L	0.0010	1	29699-76		10/07/16 20:10	
Lead	ND	0.02	mg/L	0.0002	1	29699-76		10/07/16 20:10	
			-						
Sample: A118-A		Collect	ted: 10/	04/16 05:4	13	Temp: 21	С	Matrix: Drinking \	Vater
Lab ID: 123754				04/16 09:2		•	of Cooling:N	ű	
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.323	1.3	mg/L	0.0010	1	29699-77		10/07/16 20:13	
	0.020	1.0	…g,∟	0.0010	•	£0000-11		10/07/10 20.10	Dogo
or 6100401									Dogo

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Lead 0.0006 0.02 mg/L 0.0002 1 29699-77 10/07/16 20:13

Laboratory Quality Control Results

EPA 200.8										
QC - Initial Calibration Verif			Batch ID: 29699-5							
Analyte	Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Copper	0.0103		0.0100	mg/L	103 %	90-110				
Lead	0.0107		0.0100	mg/L	107 %	90-110				
QC - Continuing Calibration Blank - B						Batch ID: 29699-46				
Analyte	Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Copper	ND			mg/L						
Lead	ND			mg/L						
QC - Continuing Calibration Verif.	- B			Batch ID: 29699-45						
Analyte	Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Copper	0.0103		0.0100	mg/L	103 %	85-115				
Lead	0.0107		0.0100	mg/L	107 %	85-115				
QC - Continuing Calibration Verif.	- A					Bat	Batch ID: 29699-87			
Analyte	Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Copper	0.0102		0.0100	mg/L	102 %	85-115				
Lead	0.0108		0.0100	mg/L	108 %	85-115				
QC - Initial Calibration Blank -						Bat	ch ID:	29699-6	6	
Analyte	Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Copper	ND			mg/L						
Lead	ND			mg/L						
QC - Matrix Spike - of Sample 2969	99 - 56					Bat	ch ID:	29699-5	58	
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Copper	0.480	0.462	0.0100	mg/L	182 %	70-130			Q3	
Lead	0.0154	0.0052	0.0100	mg/L	102 %	70-130				
QC - Sample Duplicate - of Sample 29699 - 56						Batch ID: 29699-57				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Copper	0.455	0.462		mg/L			1	20		
Lead	0.0051	0.0052		mg/L			2	20		

Abbreviations

MRL Method Reporting Limit

ND None Detected at or above the MRL

RPD Relative Percent Difference

Limit Maximum Contamination Level (Limit) - The water is considered safe for drinking if the analytical

results are below this federal recommended action level.

Data Qualifiers

Q3 Sample concentration greater then 4 times the amount spiked.

Units of Measure:

mg/L Milligrams Per Liter

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Chain of Custody Record

12423 NE Whitaker Way Portland, OR 97230

Phone: (503) 254-1794 Fax: (503) 254-1452

www.pixislabs.com

Please inform us if you know or suspect that your sample contains hazardous chemicals.

Some or all of this analyses may be subcontracted to an ORELAP accredited lab.

Contact: Steve Matthias				Analysis Requested							Purchase Order Number:			
Address: Email: mafthiase Phone: (507) 572-2025 Billing (if different):	- w/wv	112.0	cus								Project N Report State (Email	Number:		
Field ID		Date/Time	Collected								Matrix	Comments	#Cnr	
Field ID SER ATTACH M	ven 1													
Collected By:	Rel	inquished	Ву:	Date	Time	1.1	Receive	, , ,	10/4/	ate //	Time	Labs Use Only: Client Alias: WESTLINN	SC.	
☐ Standard ☐ Priority (1.5 Times Standard) ☐ Rush (2 Times Standard) ☐ Emergency (3 Times Standard) Ask About Availability	Seight of the second of the se	Ma				Mu	My s		10141	(6	7.20	Order Number: 6166401 □ Proper Container □ Sample Condition □ Temperature 4± 2°C □ Shipped Via: Evidence of cooling: □ Yes	C	

Chain of Custody Record-Water Samples 024-District Operations Center: 2755 SW Borland Rd., Tualatin, OR 97062

Location/Site	Date Collected	Collector's Name	Time	Date Delivered
A108-A	10/4/2016	Steve Matthias	5:32 AM	10/4/2016
A109-A-1	10/4/2016	Steve Matthias	5:34 AM	10/4/2016
A109-A-2	10/4/2016	Steve Matthias	5:35 AM	10/4/2016
A110-A-1	10/4/2016	Steve Matthias	5:38 AM	10/4/2016
A110-A-2	10/4/2016	Steve Matthias	5:39 AM	10/4/2016
A112-D	10/4/2016	Steve Matthias	5:41 AM	10/4/2016
A118-A	10/4/2016	Steve Matthias	5:43 AM	10/4/2016

Styphen Matthe Collector's Signature Date MINAU

19/4/18

Laboratory Signiture

Date