

PIXIS Labs

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Pixis Labs

12423 NE Whitaker Way

Portland, OR 97230

503-254-1794

Job Number: 6091620
Report Date: 09/23/2016
ORELAP #: OR100028
Project No: 008-Administration Building

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 6091620 on 09/16/2016. 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

Sample Results

Sample: 106-A		Collected: 09/16/16 06:18		Temp: 22 C		Matrix: Drinking Water			
Lab ID: 122079		Received: 09/16/16 13:35		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0507	1.3	mg/L	0.0010	1	29509-12		09/20/16 13:19	
Lead	0.0010	0.02	mg/L	0.0002	1	29509-12		09/20/16 13:19	
Sample: 107-D		Collected: 09/16/16 06:26		Temp: 22 C		Matrix: Drinking Water			
Lab ID: 122080		Received: 09/16/16 13:35		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0244	1.3	mg/L	0.0010	1	29509-13		09/20/16 13:21	
Lead	ND	0.02	mg/L	0.0002	1	29509-13		09/20/16 13:21	
Sample: 109-A-1		Collected: 09/16/16 06:20		Temp: 22 C		Matrix: Drinking Water			
Lab ID: 122081		Received: 09/16/16 13:35		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0518	1.3	mg/L	0.0010	1	29509-14		09/20/16 13:23	
Lead	0.0015	0.02	mg/L	0.0002	1	29509-14		09/20/16 13:23	
Sample: 109-A-2		Collected: 09/16/16 06:21		Temp: 22 C		Matrix: Drinking Water			
Lab ID: 122082		Received: 09/16/16 13:35		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0225	1.3	mg/L	0.0010	1	29509-15		09/20/16 13:25	
Lead	0.0010	0.02	mg/L	0.0002	1	29509-15		09/20/16 13:25	
Sample: 110-A		Collected: 09/16/16 06:24		Temp: 22 C		Matrix: Drinking Water			
Lab ID: 122083		Received: 09/16/16 13:35		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0434	1.3	mg/L	0.0010	1	29509-16		09/20/16 13:27	
Lead	0.0039	0.02	mg/L	0.0002	1	29509-16		09/20/16 13:27	
Sample: 112-A-1		Collected: 09/16/16 06:27		Temp: 22 C		Matrix: Drinking Water			
Lab ID: 122084		Received: 09/16/16 13:35		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0633	1.3	mg/L	0.0010	1	29509-21		09/20/16 13:40	
Lead	0.0015	0.02	mg/L	0.0002	1	29509-21		09/20/16 13:40	
Sample: 112-A-2		Collected: 09/16/16 06:28		Temp: 22 C		Matrix: Drinking Water			
Lab ID: 122085		Received: 09/16/16 13:35		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0238	1.3	mg/L	0.0010	1	29509-22		09/20/16 13:42	

Lead 0.0008 0.02 mg/L 0.0002 1 29509-22 09/20/16 13:42

Sample: 113-A Collected: 09/16/16 06:30 Temp: 22 C Matrix: Drinking Water
Lab ID: 122086 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper 0.0427 1.3 mg/L 0.0010 1 29509-23 09/20/16 13:44

Lead 0.0018 0.02 mg/L 0.0002 1 29509-23 09/20/16 13:44

Sample: 204-A Collected: 09/16/16 06:09 Temp: 22 C Matrix: Drinking Water
Lab ID: 122087 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper 0.0350 1.3 mg/L 0.0010 1 29509-24 09/20/16 13:46

Lead 0.0004 0.02 mg/L 0.0002 1 29509-24 09/20/16 13:46

Sample: 204-D Collected: 09/16/16 06:10 Temp: 22 C Matrix: Drinking Water
Lab ID: 122088 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper 0.518 1.3 mg/L 0.0010 1 29509-25 09/20/16 13:48

Lead ND 0.02 mg/L 0.0002 1 29509-25 09/20/16 13:48

Sample: 210-A Collected: 09/16/16 06:06 Temp: 22 C Matrix: Drinking Water
Lab ID: 122089 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper 0.0377 1.3 mg/L 0.0010 1 29509-26 09/20/16 13:50

Lead 0.0012 0.02 mg/L 0.0002 1 29509-26 09/20/16 13:50

Sample: 213-A Collected: 09/16/16 06:08 Temp: 22 C Matrix: Drinking Water
Lab ID: 122090 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper 0.0392 1.3 mg/L 0.0010 1 29509-27 09/20/16 13:52

Lead 0.0029 0.02 mg/L 0.0002 1 29509-27 09/20/16 13:52

Sample: 221-A-1 Collected: 09/16/16 06:12 Temp: 22 C Matrix: Drinking Water
Lab ID: 122091 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper 0.0335 1.3 mg/L 0.0010 1 29509-28 09/20/16 13:55

Lead 0.0006 0.02 mg/L 0.0002 1 29509-28 09/20/16 13:55

Sample: 221-A-2 Collected: 09/16/16 06:13 Temp: 22 C Matrix: Drinking Water
Lab ID: 122092 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper 0.0342 1.3 mg/L 0.0010 1 29509-29 09/20/16 13:57

Lead 0.0006 0.02 mg/L 0.0002 1 29509-29 09/20/16 13:57

Sample: 222-A-1 Collected: 09/16/16 06:15 Temp: 22 C Matrix: Drinking Water
Lab ID: 122093 Received: 09/16/16 13:35 Evidence of Cooling:N

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
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Method: EPA 200.8

Copper	0.0429	1.3	mg/L	0.0010	1	29509-30		09/20/16 13:59
Lead	0.0012	0.02	mg/L	0.0002	1	29509-30		09/20/16 13:59

Sample: 222-A-2	Collected: 09/16/16 06:16	Temp: 22 C	Matrix: Drinking Water
Lab ID: 122094	Received: 09/16/16 13:35	Evidence of Cooling:N	

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0294	1.3	mg/L	0.0010	1	29509-35		09/20/16 14:09	
Lead	0.0007	0.02	mg/L	0.0002	1	29509-35		09/20/16 14:09	

Sample: 227-A	Collected: 09/16/16 06:32	Temp: 22 C	Matrix: Drinking Water
Lab ID: 122095	Received: 09/16/16 13:35	Evidence of Cooling:N	

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0789	1.3	mg/L	0.0010	1	29509-36		09/20/16 14:11	
Lead	0.0027	0.02	mg/L	0.0002	1	29509-36		09/20/16 14:11	

Sample: 227-D	Collected: 09/16/16 06:33	Temp: 22 C	Matrix: Drinking Water
Lab ID: 122096	Received: 09/16/16 13:35	Evidence of Cooling:N	

Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Copper	0.0456	1.3	mg/L	0.0010	1	29509-37		09/20/16 14:13	
Lead	ND	0.02	mg/L	0.0002	1	29509-37		09/20/16 14:13	

Laboratory Quality Control Results

EPA 200.8										
QC - Initial Calibration Verif. -							Batch ID: 29509-5			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	0.0104			0.0100	mg/L	104 %	90-110	---	---	
Lead	0.0107			0.0100	mg/L	107 %	90-110	---	---	
QC - Continuing Calibration Blank - B							Batch ID: 29509-20			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	ND				mg/L	---	---	---	---	
Lead	ND				mg/L	---	---	---	---	
QC - Continuing Calibration Verif. - B							Batch ID: 29509-19			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	0.0010			0.0010	mg/L	101 %	85-115	---	---	
Lead	0.0010			0.0010	mg/L	102 %	85-115	---	---	
QC - Continuing Calibration Verif. - A							Batch ID: 29509-47			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	0.0206			0.0200	mg/L	103 %	85-115	---	---	
Lead	0.0203			0.0200	mg/L	102 %	85-115	---	---	
QC - Initial Calibration Blank -							Batch ID: 29509-6			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	ND				mg/L	---	---	---	---	
Lead	ND				mg/L	---	---	---	---	
QC - Matrix Spike - of Sample 29509 - 16							Batch ID: 29509-18			
Analyte	Result	Org.Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	0.0517	0.0434		0.0100	mg/L	83 %	70-130	---	---	
Lead	0.0136	0.0039		0.0100	mg/L	97 %	70-130	---	---	
QC - Sample Duplicate - of Sample 29509 - 16							Batch ID: 29509-17			
Analyte	Result	Org.Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	0.0429	0.0434			mg/L	---	---	1	20	
Lead	0.0038	0.0039			mg/L	---	---	1	20	

Abbreviations

MRL Method Reporting Limit

NPD None Detected at or above the MRL

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.

Units of Measure:

mg/L Milligrams Per Liter

