

PIXIS Labs

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PIXIS Labs

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

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

Sample Results

Sample: A108-A		Collected: 10/04/16 05:32		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 123748		Received: 10/04/16 09:20		Evidence of Cooling:N					
Analyte	Result	Limit	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	
Sample: A109-A-1		Collected: 10/04/16 05:34		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 123749		Received: 10/04/16 09:20		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		Collected: 10/04/16 05:35		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 123750		Received: 10/04/16 09:20		Evidence 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		Collected: 10/04/16 05:38		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 123751		Received: 10/04/16 09:20		Evidence 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		Collected: 10/04/16 05:39		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 123752		Received: 10/04/16 09:20		Evidence of Cooling:N					
Analyte	Result	Limit	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	0.0006	0.02	mg/L	0.0002	1	29699-29		10/07/16 18:00	
Sample: A112-D		Collected: 10/04/16 05:41		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 123753		Received: 10/04/16 09:20		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		Collected: 10/04/16 05:43		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 123754		Received: 10/04/16 09:20		Evidence of Cooling:N					
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	

Laboratory Quality Control Results

EPA 200.8

						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						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 -						Batch ID: 29699-6			
Analyte	Result		Spike	Units	Recovery	Limits	RPD	Limit	Notes
Copper	ND			mg/L	---	---	---	---	
Lead	ND			mg/L	---	---	---	---	
QC - Matrix Spike - of Sample 29699 - 56						Batch ID: 29699-58			
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 than 4 times the amount spiked.

Units of Measure:

- mg/L Milligrams Per Liter

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


Collector's Signature _____ Date _____

 10/4/16
Laboratory Signature _____ Date _____

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