

PIXIS Labs

Accurate. Reliable. On Time.

Pixis Labs

12423 NE Whitaker Way

Portland, OR 97230

503-254-1794

Job Number: 6111101
Report Date: 11/23/2016
ORELAP #: OR100028

Cover Letter

Jonathan Swartout
Southwest Charter School
0640 SW Bancroft St.
PORTLAND, OR 97239

Dear Jonathan Swartout,

Enclosed please find Pixis Labs analytical report for samples received as order number 6111101 on 11/10/2016. 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: 101		Collected: 11/10/16 06:40		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126745		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0053	0.02	mg/L	0.0002	1	30085-38		11/16/16 17:53	
Sample: 102		Collected: 11/10/16 06:40		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126746		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0007	0.02	mg/L	0.0002	1	30085-39		11/16/16 17:58	
Sample: 103		Collected: 11/10/16 06:40		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126747		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0009	0.02	mg/L	0.0002	1	30085-40		11/16/16 18:02	
Sample: 104		Collected: 11/10/16 06:43		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126748		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0011	0.02	mg/L	0.0002	1	30093-10		11/18/16 12:19	
Sample: 105		Collected: 11/10/16 06:43		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126749		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0010	0.02	mg/L	0.0002	1	30093-11		11/18/16 12:20	
Sample: 106		Collected: 11/10/16 06:45		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126750		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0014	0.02	mg/L	0.0002	1	30093-12		11/18/16 12:22	
Sample: 107		Collected: 11/10/16 06:45		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126751		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0008	0.02	mg/L	0.0002	1	30093-13		11/18/16 12:24	
Sample: 108		Collected: 11/10/16 06:45		Temp: 21 C		Matrix: Drinking Water			
Lab ID: 126754		Received: 11/10/16 11:30		Evidence of Cooling:N					
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									

Lead	0.0016	0.02	mg/L	0.0002	1	30110-10		11/18/16 12:35	
Sample: 109		Collected: 11/10/16 06:48			Temp: 21 C		Matrix: Drinking Water		
Lab ID: 126755		Received: 11/10/16 11:30			Evidence of Cooling:N				
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0004	0.02	mg/L	0.0002	1	30110-11		11/18/16 12:37	
Sample: 110		Collected: 11/10/16 06:48			Temp: 21 C		Matrix: Drinking Water		
Lab ID: 126759		Received: 11/10/16 11:30			Evidence of Cooling:N				
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0006	0.02	mg/L	0.0002	1	30110-12		11/18/16 12:38	
Sample: 111		Collected: 11/10/16 06:50			Temp: 21 C		Matrix: Drinking Water		
Lab ID: 126760		Received: 11/10/16 11:30			Evidence of Cooling:N				
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0054	0.02	mg/L	0.0002	1	30110-13		11/18/16 12:40	
Sample: 112		Collected: 11/10/16 06:51			Temp: 21 C		Matrix: Drinking Water		
Lab ID: 126761		Received: 11/10/16 11:30			Evidence of Cooling:N				
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0036	0.02	mg/L	0.0002	1	30110-14		11/18/16 12:42	
Sample: 113		Collected: 11/10/16 06:55			Temp: 21 C		Matrix: Drinking Water		
Lab ID: 126762		Received: 11/10/16 11:30			Evidence of Cooling:N				
Analyte	Result	Limit	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0049	0.02	mg/L	0.0002	1	30110-15		11/18/16 12:44	

Laboratory Quality Control Results

EPA 200.8										
QC - Initial Calibration Verif. -							Batch ID: 30085-5			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0103			0.0100	mg/L	103 %	90-110	---	---	
QC - Initial Calibration Verif. -							Batch ID: 30093-5			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0109			0.0100	mg/L	109 %	90-110	---	---	
QC - Initial Calibration Verif. -							Batch ID: 30110-5			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0109			0.0100	mg/L	109 %	90-110	---	---	
QC - Continuing Calibration Blank - B							Batch ID: 30085-30			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	ND				mg/L	---	---	---	---	
QC - Continuing Calibration Blank - B							Batch ID: 30110-9			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	ND				mg/L	---	---	---	---	
QC - Continuing Calibration Verif. - B							Batch ID: 30085-29			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0513			0.0500	mg/L	103 %	85-115	---	---	
QC - Continuing Calibration Verif. - B							Batch ID: 30110-8			
Analyte	Result			Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0514			0.0500	mg/L	103 %	85-115	---	---	
QC - Continuing Calibration Verif. - A							Batch ID: 30085-43			

Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	0.0202	0.0200	mg/L	101 %	85-115	---	---		
QC - Continuing Calibration Verif. - A					Batch ID: 30110-50				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	0.0108	0.0100	mg/L	108 %	85-115	---	---		
QC - Initial Calibration Blank -					Batch ID: 30085-6				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	ND		mg/L	---	---	---	---		
QC - Initial Calibration Blank -					Batch ID: 30093-6				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	ND		mg/L	---	---	---	---		
QC - Initial Calibration Blank -					Batch ID: 30110-6				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	ND		mg/L	---	---	---	---		
QC - Laboratory Control Sample -					Batch ID: 30085-21				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	0.101	0.100	mg/L	101 %	85-115	---	---		
QC - Laboratory Control Sample -					Batch ID: 30093-8				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	0.102	0.100	mg/L	102 %	85-115	---	---		
QC - Method Blank -					Batch ID: 30085-20				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	ND		mg/L	---	---	---	---		
QC - Method Blank -					Batch ID: 30093-7				
Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Lead	ND		mg/L	---	---	---	---		
QC - Matrix Spike - of Sample 30085 - 40					Batch ID: 30085-42				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0111	0.0009	0.0100	mg/L	102 %	70-130	---	---	
QC - Matrix Spike - of Sample 30093 - 13					Batch ID: 30093-15				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0110	0.0008	0.0100	mg/L	102 %	70-130	---	---	
QC - Matrix Spike - of Sample 30110 - 19					Batch ID: 30110-21				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0103	0.0000	0.0100	mg/L	103 %	70-130	---	---	
QC - Sample Duplicate - of Sample 30085 - 40					Batch ID: 30085-41				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0009	0.0009		mg/L	---	---	1	20	
QC - Sample Duplicate - of Sample 30093 - 13					Batch ID: 30093-14				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	0.0008	0.0008		mg/L	---	---	1	20	
QC - Sample Duplicate - of Sample 30110 - 19					Batch ID: 30110-20				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Lead	ND	ND		mg/L	---	---	0	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.

Units of Measure:

mg/L Milligrams Per Liter

