

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

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Southwest Charter School

Chain of Custody Record

12423 NE Whitaker Way
 Portland, OR 97230
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 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.

Company: <u>SOUTHWEST CHARTER SCHOOL (SWCS)</u> Contact: <u>JONATHAN SMARTOUT</u> Address: <u>0140 SW BANCROFT</u> <u>PORTLAND, OR, 97239</u> Email: <u>JONATHANSMARTOUT@SWCHARTER.ORG</u> Phone: <u>(503) 244-1697</u> Fax: <u>()</u> Billing (if different): _____	Analysis Requested LEAD	Purchase Order Number: _____ Project Number: _____ Project Name: _____ <input type="checkbox"/> Report Instructions <input checked="" type="checkbox"/> State Compliance Format <input checked="" type="checkbox"/> Email Final Results <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 Other: <u>\$400.00</u>
---	---	---

Field ID	Date/Time Collected	Matrix	Comments	#Cnr
101	11/10/16 6:40AM		<u>\$10.00 shipping fee</u>	
102	11/10/16 6:40AM			
103	11/10/16 6:40AM			
104	11/10/16 6:43AM			
105	11/10/16 6:43AM			
106	11/10/16 6:45AM			
107	11/10/16 6:45AM			
108	11/10/16 6:45AM			
109	11/10/16 6:48AM			
110	11/10/16 6:48AM			

Collected By: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Priority (1.5 Times Standard) <input type="checkbox"/> Rush (2 Times Standard) <input type="checkbox"/> Emergency (3 Times Standard) Ask About Availability	Relinquished By: <u>Amberla</u> Date: <u>11/10/16</u> Time: <u>11:30</u>	Received By: <u>[Signature]</u> Date: <u>11/10/16</u> Time: <u>1130</u>	Labs Use Only: Client Alias: <u>SouthwestC02</u> Order Number: <u>6111101</u> <input type="checkbox"/> Proper Container <input type="checkbox"/> Sample Condition <input type="checkbox"/> Temperature 4± 2°C <u>21°C</u> <input type="checkbox"/> Shipped Via: _____ Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM.

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Page 2 of 2

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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.

Company: <u>SOUTHWEST CHARTER SCHOOL (SWCS)</u> Contact: _____ Address: <u>0640 SW BANCROFT</u> <u>PORTLAND, OR, 97239</u> Email: _____ Phone: <u>(503) 244-1697</u> Fax: (____) _____ Billing (if different): _____	Analysis Requested	Purchase Order Number: _____ Project Number: _____ Project Name: _____ <input type="checkbox"/> Report Instructions <input type="checkbox"/> State Compliance Format <input type="checkbox"/> Email Final Results <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 Other: _____
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Field ID	Date/Time Collected	LEAD	Analysis Requested								Matrix	Comments	#Cnr
111	11/16/16 6:50 AM												
112	11/10/16 6:51 AM												
113	11/10/16 6:55 AM												
114													

Collected By:	Relinquished By:	Date	Time	Received By:	Date	Time	Labs Use Only:
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Priority (1.5 Times Standard) <input type="checkbox"/> Rush (2 Times Standard) <input type="checkbox"/> Emergency (3 Times Standard) Ask About Availability	<u>Alexander</u>	11/10/16	11:30	<u>[Signature]</u>	11/10/16	11:30	Client Alias: <u>Southwest CO</u> Order Number: <u>6111101</u> <input type="checkbox"/> Proper Container <input type="checkbox"/> Sample Condition <input type="checkbox"/> Temperature 4± 2°C <u>21°C</u> <input type="checkbox"/> Shipped Via: _____ Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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