

Portland, OR 97230 503-254-1794

Job Number: 6111101 11/23/2016 Report Date: 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

Order 6111101 Page 1 of 4



12423 NE Whitaker Way Portland, OR 97230 503-254-1794

 Job Number:
 6111101

 Report Date:
 11/23/2016

 ORELAP #:
 OR100028

Sample Results

			Sample Re	esults		
Sample: 101 Lab ID: 126745		Collected: 11/10/1 Received: 11/10/1		Temp: 21 C Evidence of Cooling:N	Matrix: Drinking Wa	ter
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	t Analyzed	Notes
Method: EPA 200.8						
Lead	0.0053	0.02 mg/L 0.0	0002 1	30085-38	11/16/16 17:53	
Sample: 102		Collected: 11/10/1	6 06:40	Temp: 21 C	Matrix: Drinking Wa	ter
Lab ID: 126746	.	Received: 11/10/1		Evidence of Cooling:N		
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	t Analyzed	Notes
Method: EPA 200.8						
Lead	0.0007	0.02 mg/L 0.0	0002 1	30085-39	11/16/16 17:58	
Sample: 103		Collected: 11/10/1	6 06:40	Temp: 21 C	Matrix: Drinking Wa	ter
Lab ID: 126747		Received: 11/10/1		Evidence of Cooling:N		
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	t Analyzed	Notes
Method: EPA 200.8						
Lead	0.0009	0.02 mg/L 0.0	0002 1	30085-40	11/16/16 18:02	
Sample: 104		Collected: 11/10/1	6 06:43	Temp: 21 C	Matrix: Drinking Wa	ter
Lab ID: 126748		Received: 11/10/1		Evidence of Cooling:N		
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	ct Analyzed	Notes
Method: EPA 200.8						
Lead	0.0011	0.02 mg/L 0.0	0002 1	30093-10	11/18/16 12:19	
Sample: 105		Collected: 11/10/1	6 06:43	Temp: 21 C	Matrix: Drinking Wa	ter
Lab ID: 126749		Received: 11/10/1		Evidence of Cooling:N		
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	ct Analyzed	Notes
Method: EPA 200.8						
Lead	0.0010	0.02 mg/L 0.0	0002 1	30093-11	11/18/16 12:20	
Sample: 106		Collected: 11/10/1	6 06:45	Temp: 21 C	Matrix: Drinking Wa	ter
Lab ID: 126750		Received: 11/10/1		Evidence of Cooling:N		
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	ct Analyzed	Notes
Method: EPA 200.8						
Lead	0.0014	0.02 mg/L 0.0	0002 1	30093-12	11/18/16 12:22	
Sample: 107		Collected: 11/10/1	6 06:45	Temp: 21 C	Matrix: Drinking Wa	ter
Lab ID: 126751		Received: 11/10/1		Evidence of Cooling:N		
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	ct Analyzed	Notes
Method: EPA 200.8						
Lead	0.0008	0.02 mg/L 0.0	0002 1	30093-13	11/18/16 12:24	
Sample: 108		Collected: 11/10/1	6 06:45	Temp: 21 C	Matrix: Drinking Wa	ter
Lab ID: 126754		Received: 11/10/1		Evidence of Cooling:N	•	
Analyte	Result	Limit Units Mi	RL Dil.	Batch Start/Extrac	t Analyzed	Notes
Method: EPA 200.8						
7/e(1100. EPA 200.6						р

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Lead	0.0016	0.02 r	mg/L	0.0002	1	30110-10		11/18/16 12:35	
Sample: 109		Collecte	ed: 11/10	0/16 06:4	8	Temp: 21	С	Matrix: Drinking Wa	iter
Lab ID: 126755		Receive	ed: 11/10	0/16 11:3	0	Evidence	of Cooling:N		
Analyte	Result	Limit l	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0004	0.02 r	mg/L	0.0002	1	30110-11		11/18/16 12:37	
Sample: 110		Collecte	ed: 11/10	0/16 06:4	8	Temp: 21	С	Matrix: Drinking Wa	iter
Lab ID: 126759		Receive	ed: 11/10	0/16 11:3	0	Evidence	of Cooling:N		
Analyte	Result	Limit l	Jnits	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0006	0.02 r	mg/L	0.0002	1	30110-12		11/18/16 12:38	
Sample: 111		Collecte	ed: 11/10	0/16 06:5	0	Temp: 21	С	Matrix: Drinking Wa	iter
Lab ID: 126760		Receive		0/16 11:3	~	Evidence	of Cooling:N		
Analyte	Result	Limit l	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0054	0.02 r	mg/L	0.0002	1	30110-13		11/18/16 12:40	
Sample: 112		Collecte	ed: 11/10	0/16 06:5	1	Temp: 21	С	Matrix: Drinking Wa	iter
Lab ID: 126761		Receive	ed: 11/10	0/16 11:3	0	Evidence	of Cooling:N		
Analyte	Result	Limit l	Jnits	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0036	0.02 r	mg/L	0.0002	1	30110-14		11/18/16 12:42	
Sample: 113		Collecte	ed: 11/10	0/16 06:5	5	Temp: 21	С	Matrix: Drinking Water	
Lab ID: 126762		Receive	ed: 11/10	0/16 11:3	0	Evidence	of Cooling:N		
Analyte	Result	Limit l	Jnits	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes
Method: EPA 200.8									
Lead	0.0049	0.02 r	mg/L	0.0002	1	30110-15		11/18/16 12:44	

Laboratory Quality Control Results

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f				Bat	ch ID: 30085-	5
Result	Spike	Units	Recovery	Limits	RPD Limit	Notes
0.0103	0.0100	mg/L	103 %	90-110		
f				Bat	ch ID: 30093-	5
Result	Spike	Units	Recovery	Limits	RPD Limit	Notes
0.0109	0.0100	mg/L	109 %	90-110		
f				Bat	ch ID: 30110-	5
Result	Spike	Units	Recovery	Limits	RPD Limit	Notes
0.0109	0.0100	mg/L	109 %	90-110		
n Blank - B				Bat	ch ID: 30085-	30
Result	Spike	Units	Recovery	Limits	RPD Limit	Notes
ND		mg/L				
n Blank - B				Bat	ch ID: 30110-	9
Result	Spike	Units	Recovery	Limits	RPD Limit	Notes
ND		mg/L				
n Verif B				Bat	ch ID: 30085-	29
Result	Spike	Units	Recovery	Limits	RPD Limit	Notes
0.0513	0.0500	mg/L	103 %	85-115		
n Verif B				Bat	ch ID: 30110-	8
Result	Spike	Units	Recovery	Limits	RPD Limit	Notes
0.0514	0.0500	mg/L	103 %	85-115		
n Verif A				Bat	ch ID: 30085-	43
	f Result 0.0103 f Result 0.0109 f Result 0.0109 n Blank - B Result ND n Blank - B Result ND n Verif B Result 0.0513 n Verif B Result 0.0514	f Result Spike 0.0103 0.0100 f Result Spike 0.0109 0.0100 f Result Spike 0.0109 0.0100 n Blank - B Result Spike ND n Blank - B Result Spike ND n Verif B Result Spike 0.0513 0.0500 n Verif B Result Spike 0.0514 Spike 0.0500	Result	f Result Spike Units Recovery 0.0103 0.0100 mg/L 103 % f Result Spike Units Recovery 0.0109 0.0100 mg/L 109 % f Result Spike Units Recovery 0.0109 0.0100 mg/L 109 % In Blank - B Result Spike Units Recovery mg/L 109 % In Blank - B Result Spike Units Recovery mg/L In Blank - B Result Spike Units Recovery mg/L In Verif B Result Spike Units Recovery mg/L In Verif B Result Spike Units Recovery 0.0513 0.0500 mg/L 103 % In Verif B Result Spike Units Recovery 0.0514 Spike Units Recovery 0.0500 mg/L 103 %	Result	f Batch ID: 30085- Result

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Analyte Lead	Result	S	nike .0200	Units mg/L	Recovery 101 %	Limits RPD Limit Notes
QC - Continuing Calib	ration 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	ı Blank -					Batch ID: 30093-6
Analyte	Result		Spike	Units	Recovery	Limits RPD Limit Notes
Lead	ND			mg/L		
QC - Initial Calibration	ı Blank -					Batch ID: 30110-6
Analyte	Result		Spike	Units	Recovery	Limits RPD Limit Notes
Lead	ND			mg/L		
QC - Laboratory Cont	rol 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 Cont	rol 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	e - 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	e - 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	e - 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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SOUTHWESTC02 6111101

PIXIS Labs Accurate. Reliable. On Time.

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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.

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105	11/10/16:43 94												
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Ask About Availability										☐ Shipped Via:	_		
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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.



Accurate, Reliable, On Time,

Chain of Custody Record

Page 2 of 2

12423 NE Whitaker Way Portland, OR 97230 Phone: (503) 254-1794 Fax: (503) 254-1452

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

www.pixislabs.com			your sample contains hazardous chemicals.								subcontracted to an ORELAP accredited lab.																					
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