**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

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

## 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 | 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 | 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 | 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 | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|
| Lead | ND | | mg/L | --- | --- | --- | --- | |

**QC - Continuing Calibration Blank - B** Batch ID: 30110-9

| Analyte | Result | Spike | Units | Recovery | Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|
| Lead | ND | | mg/L | --- | --- | --- | --- | |

**QC - Continuing Calibration Verif. - B** Batch ID: 30085-29

| Analyte | Result | Spike | Units | Recovery | Limits | RPD | 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 | 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 |

SOUTHWESTC02 6111101

Southwest Charter School

**PIXIS Labs**
Accurate. Reliable. On Time.



# 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.

Company: SOUTHWEST CHARTER SCHOOL (SWCS)
Contact: JONATHAN SWARTOUT
Address: 0640 SW BANCROFT
PORTLAND, OR, 97239
Email: JONATHANSWARTOUT@SWCHARTER.ORG
Phone: (503) 244-1697 Fax: ( )
Billing (if different): _____

Analysis Requested

LEAD

Purchase Order Number: _____
Project Number: _____
Project Name: _____
☐ Report Instructions:
☒ State Compliance Format
☒ Email Final Results
☐ Fax Final Results
☐ Cash/Check/CC/Net 30
Other: CC $400.00

| Field ID | Date/Time Collected | Matrix | Comments | #Cnr |
|---|---|---|---|---|
| 101 | 11/10/16 6:40AM | | $10.00 shipping fee | |
| 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: | Relinquished By: | Date | Time | Received By: | Date | Time |
|---|---|---|---|---|---|---|
| ☑ Standard | Amanda Mc | 11/10/16 | 11:30 | | | |
| ☐ Priority (1.5 Times Standard) | | | | | 11/10/16 | 1130 |
| ☐ Rush (2 Times Standard) | | | | | | |
| ☐ Emergency (3 Times Standard) | | | | | | |
| **Ask About Availability** | | | | | | |

**Labs Use Only:**
Client Alias: Southwest C02
Order Number: 6111101
☐ Proper Container
☐ Sample Condition
☐ Temperature 4± 2°C 21°C
☐ Shipped Via: _____
Evidence of cooling: ☐ Yes ☑ No

**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.**

**PIXIS Labs**
Accurate. Reliable. On Time.



# 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.

Company: Southwest Charter School (SWCS)
Contact:
Address: 0640 SW Bancroft
Portland, OR, 97239
Email:
Phone: (503) 244-1697 Fax: ( )
Billing (if different):

Analysis Requested: LEAD

Purchase Order Number:
Project Number:
Project Name:
☐ Report Instructions:
☐ State Compliance Format
☐ Email Final Results
☐ Fax Final Results
☐ Cash/Check/CC/Net 30
Other:

| Field ID | Date/Time Collected | Matrix | Comments | #Cnr |
|---|---|---|---|---|
| 111 | 11/10/16 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 |
|---|---|---|---|---|---|---|
| ☑ Standard | [signature] | 11/10/16 | 11:30 | | | |
| ☐ Priority (1.5 Times Standard) | | | | [signature] | 11/10/16 | 1130 |
| ☐ Rush (2 Times Standard) | | | | | | |
| ☐ Emergency (3 Times Standard) | | | | | | |
| **Ask About Availability** | | | | | | |

**Labs Use Only:**
Client Alias: Southwest CSD
Order Number: 6111101
☐ Proper Container
☐ Sample Condition
☐ Temperature 4± 2°C 2.1°C
☐ Shipped Via:
Evidence of cooling: ☐ Yes ☑ No

**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.**