

# PIXIS Labs

Accurate. Reliable. On Time.

## Pixis Labs

12423 NE Whitaker Way

Portland, OR 97230

503-254-1794

**Job Number:** 6071930  
**Report Date:** 07/20/2016  
**ORELAP #:** OR100028  
**Project No:** 020-Willamette Primary School

### 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 6071930 on 07/19/2016. 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

|                        |                           |                       |                        |
|------------------------|---------------------------|-----------------------|------------------------|
| <b>Sample:</b> 149-A-1 | Collected: 07/19/16 07:38 | Temp: 22 C            | Matrix: Drinking Water |
| Lab ID: 114631         | Received: 07/19/16 12:15  | Evidence of Cooling:N |                        |

| Analyte           | Result | Limit | Units | MRL    | Dil. | Batch    | Start/Extract | Analyzed       | Notes |
|-------------------|--------|-------|-------|--------|------|----------|---------------|----------------|-------|
| Method: EPA 200.8 |        |       |       |        |      |          |               |                |       |
| Copper            | 0.443  | 1.3   | mg/L  | 0.0010 | 1    | 28863-16 |               | 07/19/16 20:20 |       |
| Lead              | 0.0017 | 0.02  | mg/L  | 0.0002 | 1    | 28863-16 |               | 07/19/16 20:20 |       |

|                      |                           |                       |                        |
|----------------------|---------------------------|-----------------------|------------------------|
| <b>Sample:</b> 152-B | Collected: 07/19/16 07:34 | Temp: 22 C            | Matrix: Drinking Water |
| Lab ID: 114635       | Received: 07/19/16 12:15  | Evidence of Cooling:N |                        |

| Analyte           | Result | Limit | Units | MRL    | Dil. | Batch    | Start/Extract | Analyzed       | Notes |
|-------------------|--------|-------|-------|--------|------|----------|---------------|----------------|-------|
| Method: EPA 200.8 |        |       |       |        |      |          |               |                |       |
| Copper            | 0.296  | 1.3   | mg/L  | 0.0010 | 1    | 28863-17 |               | 07/19/16 20:23 |       |
| Lead              | 0.0017 | 0.02  | mg/L  | 0.0002 | 1    | 28863-17 |               | 07/19/16 20:23 |       |

### Laboratory Quality Control Results

| EPA 200.8                                    |        |            |        |       |          |        |                    |       |       |
|--|--------|------------|--------|-------|----------|--------|--------------------|-------|-------|
| QC - Initial Calibration Verif. -            |        |            |        |       |          |        | Batch ID: 28863-7  |       |       |
| Analyte                                      | Result |            | Spike  | Units | Recovery | Limits | RPD                | Limit | Notes |
| Copper                                       | 0.0101 |            | 0.0100 | mg/L  | 101 %    | 90-110 | ---                | ---   |       |
| Lead   | 0.0105 |            | 0.0100 | mg/L  | 105 %    | 90-110 | ---                | ---   |       |
| QC - Continuing Calibration Blank - B        |        |            |        |       |          |        | Batch ID: 28863-10 |       |       |
| Analyte                                      | Result |            | Spike  | Units | Recovery | Limits | RPD                | Limit | Notes |
| Copper                                       | ND     |            |        | mg/L  | ---      | ---    | ---                | ---   |       |
| Lead   | ND     |            |        | mg/L  | ---      | ---    | ---                | ---   |       |
| QC - Continuing Calibration Verif. - B       |        |            |        |       |          |        | Batch ID: 28863-9  |       |       |
| Analyte                                      | Result |            | Spike  | Units | Recovery | Limits | RPD                | Limit | Notes |
| Copper                                       | 0.0492 |            | 0.0500 | mg/L  | 98 %     | 85-115 | ---                | ---   |       |
| Lead   | 0.0515 |            | 0.0500 | mg/L  | 103 %    | 85-115 | ---                | ---   |       |
| QC - Continuing Calibration Verif. - A       |        |            |        |       |          |        | Batch ID: 28863-22 |       |       |
| Analyte                                      | Result |            | Spike  | Units | Recovery | Limits | RPD                | Limit | Notes |
| Copper                                       | 0.0201 |            | 0.0200 | mg/L  | 100 %    | 85-115 | ---                | ---   |       |
| Lead   | 0.0201 |            | 0.0200 | mg/L  | 100 %    | 85-115 | ---                | ---   |       |
| QC - Initial Calibration Blank -             |        |            |        |       |          |        | Batch ID: 28863-6  |       |       |
| Analyte                                      | Result |            | Spike  | Units | Recovery | Limits | RPD                | Limit | Notes |
| Copper                                       | ND     |            |        | mg/L  | ---      | ---    | ---                | ---   |       |
| Lead   | ND     |            |        | mg/L  | ---      | ---    | ---                | ---   |       |
| QC - Matrix Spike - of Sample 28863 - 19     |        |            |        |       |          |        | Batch ID: 28863-21 |       |       |
| Analyte                                      | Result | Org.Result | Spike  | Units | Recovery | Limits | RPD                | Limit | Notes |
| Copper                                       | 0.303  | 0.291      | 0.0100 | mg/L  | 116 %    | 70-130 | ---                | ---   |       |
| Lead   | 0.0121 | 0.0020     | 0.0100 | mg/L  | 101 %    | 70-130 | ---                | ---   |       |
| QC - Sample Duplicate - of Sample 28863 - 19 |        |            |        |       |          |        | Batch ID: 28863-20 |       |       |
| Analyte                                      | Result | Org.Result | Spike  | Units | Recovery | Limits | RPD                | Limit | Notes |
| Copper                                       | 0.295  | 0.291      |        | mg/L  | ---      | ---    | 1                  | 20    |       |
| Lead   | 0.0020 | 0.0020     |        | mg/L  | ---      | ---    | 0                  | 20    |       |

#### Abbreviations

MRL Method Reporting Limit  
ND None Detected at or above the MRL  
RPD Relative Percent Difference

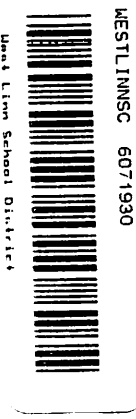
Limit Maximum Contamination Level (Limit) - The water is considered safe for drinking if the analytical results are below this federal recommended action level.

***Units of Measure:***

mg/L Milligrams Per Liter

West Linn SC  
6071930

Chain of Custody Record-Water Samples  
020-Willamette Primary School: 1403 12th St., West Linn, OR 97068



| Location/Site | Date Collected | Collector's Name | Time    | Date Delivered |
|---------------|----------------|------------------|---------|----------------|
| 149-A-1       | 7/19/2016      | Steve Matthiass  | 7:38 AM | 7/19/2016      |
| 152-B         | 7/19/2016      | Steve Matthiass  | 7:34 AM | 7/19/2016      |
|               |                |                  |         |                |
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|               |                |                  |         |                |

Rush

22.4°C  
No Cooling

Steve Matthiass 7-19-16  
Collector's Signature Date

MRH 7-19-16 12:15  
Laboratory Signature Date