



Delivering more than  
just test results

ALG ORELAP ID #OR100012  
361 West 5th Ave  
Eugene, OR 97401  
TEL: (541) 485-8404 FAX: (541) 484-5995  
Website:

October 05, 2016

Doug Pigman  
Greater Albany Public Schools  
3610 Grand Prairie  
Albany, OR 97322  
TEL: (541) 967-4513  
FAX

RE: Waverly Elementary

Order No.: 1609E32

Dear Doug Pigman:

Analytical Laboratory Group received 1 sample(s) on 9/30/2016 for the analyses presented in the following report.

A handwritten signature in black ink that reads 'Kimberly J. Reeve Morghan'.

Kimberly Reeve Morghan  
Quality Manager  
361 West 5th Ave  
Eugene, OR 97401



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## Case Narrative

WO#: 1609E32  
Date: 10/5/2016

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**CLIENT:** Greater Albany Public Schools  
**Project:** Waverly Elementary

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This report presents the results of the analyses of the sample(s) received on the date above and assigned the listed ALG lab report numbers. Test results relate only to the parameters tested and to the samples as received by the laboratory.

This report shall not be reproduced, except in full, without written consent of Analytical Laboratory Group, Inc.

All analyses were performed according to the Analytical Laboratory Group, Inc. Quality Assurance Program.

All QA/QC requirements were met except as noted below.

Analytical comments are noted with data flags on the reports and/or below.

**WO#:** 1609E32  
**CLIENT:** Greater Albany Public Schools  
**Project:** Waverly Elementary  
**PWS Number:**  
**Sample Source:**

**Received Date:** 9/30/2016 3:00:00 PM  
**Sampler Name:** Marcus Gunett  
**Matrix:** Drinking Water  
**Sample Type:**

| Lab ID:     | Client Sample ID | Result | MCL    | RL      | Qual | Units | Date Analyzed        | Analys |
|-------------|------------------|--------|--------|---------|------|-------|----------------------|--------|
| 1609E32-001 | Rm 15 Faucet     | 0.0260 | 0.0200 | 0.00400 | *    | mg/L  | 10/4/2016 1:16:00 PM | SN     |

| Qualifiers: |                                                    |
|-------------|----------------------------------------------------|
| *           | Value exceeds Maximum Contaminant Level (MCL)      |
| C           | Value is below Minimum Compound Limit.             |
| H           | Holding times for preparation or analysis exceeded |
| MCL         | Maximum Contaminant Level                          |
| ND          | Not Detected at the Reporting Limit                |
| A           | Accredited by ORELAP                               |
| E           | Value above quantitation range                     |
| LOD         | Limit of Detection                                 |
| NAR         | See note in Case Narrative                         |
| PL          | Permit Limit                                       |



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## Accreditation Program Analytes Report

WO#: 1609E32  
 05-Oct-16

**Client:** Greater Albany Public Schools  
**Project:** Waverly Elementary

| Program Name | Sample ID    | ClientSampleID | Matrix         | Test Name                             | Analyte | Status |
|--------------|--------------|----------------|----------------|---------------------------------------|---------|--------|
| ORELAP       | 1609E32-001A | Rm 15 Faucet   | Drinking Water | AA Metals by SM 3113<br>Schools 250mL | Lead    | A      |

ORELAP A Accredited

ACCRED

Original #1609E32# v1



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## Definition Base

WO#: 1609E32

Date: 10/5/2016

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### Definitions:

% REC: Percent Recovery; a measure of accuracy expressed as a percentage of a measured (recovered) concentration compared to the known concentration added to the sample.

% RPD: Relative Percent Difference; a measure of precision expressed as a percentage of the difference between two duplicates relative to the average concentration.

DF: Dilution factor; the dilution factor applied to the prepared sample.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

LCS: Laboratory Control Sample; prepared by adding a known mass of target analytes to a specified amount of de-ionized water and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: The duplicate sample of the LCS, used to calculate both Accuracy (%REC) and Precision (%RPD)

MBLK: Method Blank; a sample of similar matrix that is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses.

MS: Matrix Spike; prepared by adding a known mass of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: The duplicate sample of the MS, used to calculate both Accuracy (%REC) and Precision (%RPD)

ND: Not Detected. The analyte level is below the lowest point the laboratory can test for.

PL: Permit limit; only applicable to wastewater reports.

PQL: Practical Quantitation Level or Reporting Limit; the limit to which data is compared for reporting.

Qual: Qualifier that applies to the analyte reported

**Definitions:**

Result: Analyte concentration reported

RL: Reporting Limit/Limit of Quantitation; the limit to which data is compared for reporting. Analyte concentrations below the reporting limit are reported as ND or with a “J” qualifier.

Units: The units in which the analyte concentration is reported.

**Qualifiers:**

|     |                                                                       |
|-----|-----------------------------------------------------------------------|
| *   | Value exceeds Maximum Contaminant Level (MCL)                         |
| A   | Accredited by ORELAP                                                  |
| C   | Value is below Minimum Compound Limit.                                |
| E   | Value above quantitation range                                        |
| H   | Holding times for preparation or analysis exceeded                    |
| LOD | Limit of Detection                                                    |
| MCL | Maximum Contaminant Level                                             |
| NAR | See note in Case Narrative                                            |
| ND  | Not Detected at the Reporting Limit                                   |
| PL  | Permit Limit                                                          |
| R   | RPD outside accepted recovery limits                                  |
| RL  | Reporting Detection Limit                                             |
| U   | Samples with CalcVal < MDL                                            |
| W   | Sample container temperature is out of limit as specified at testcode |

CO

# Analytical Laboratory Group, Inc.

361 WEST FIFTH AVENUE  
 EUGENE, OREGON 97401  
 800-262-5973/541-485-8404 Fax 541-484-5995  
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NPUC

## CHAIN OF CUSTODY

|                                                                                       |                                                                           |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Attention: Doug Pigman                                                                | Client: Greater Albany Public Schools                                     |
| Phone: 541-967-4513                                                                   | Address: 3610 Grand Prairie                                               |
| Email: <a href="mailto:doug.pigman@albany.k12.or.us">doug.pigman@albany.k12.or.us</a> | City, State, Zip: Albany, OR 97322                                        |
| Client Project: <u>Waverly Elementary</u>                                             | Sampler: Print <u>Marcus Gamett</u> Sampler: Signature <u>[Signature]</u> |

| Client ID           | Sample Matrix & Grab/Comp | Collection   |             | Analysis Requested | Bottles - Lab Use Only |   |      |      |             |
|---------------------|---------------------------|--------------|-------------|--------------------|------------------------|---|------|------|-------------|
|                     |                           | Date         | Time        |                    | Type                   | # | Pres | T °C | Lab ID      |
| <u>Rm 15 Faucet</u> | DW/Grab                   | <u>09/29</u> | <u>3:30</u> | Lead               | P                      | 1 |      |      | <u>001A</u> |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |
|                     | DW/Grab                   |              |             | Lead               | P                      | 1 |      |      |             |

|        |                           |           |               |    |      |
|--------|---------------------------|-----------|---------------|----|------|
| Notes: | <b>Preservation Check</b> |           |               |    |      |
|        | Lab ID                    | Date/Time | Pre-Preserved | pH | Tech |
|        |                           |           |               |    |      |
|        |                           |           |               |    |      |
|        |                           |           |               |    |      |
|        |                           |           |               |    |      |
|        |                           |           |               |    |      |
|        |                           |           |               |    |      |
|        |                           |           |               |    |      |
|        |                           |           |               |    |      |

|                                                                                                                                   |                         |                         |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|
| Turn Around Time Requested (Rush incurs a Surcharge):<br><input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> RUSH | Shipped Via: <u>ALG</u> | Refrigerated: <u>NA</u> |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|

|                                     |                      |                    |                                            |                      |                   |
|-------------------------------------|----------------------|--------------------|--------------------------------------------|----------------------|-------------------|
| Relinquished by: <u>[Signature]</u> | Date: <u>9/30/16</u> | Time: <u>2:12P</u> | Received by: <u>[Signature]</u>            | Date: <u>9/30/16</u> | Time: <u>1412</u> |
| Relinquished by: <u>[Signature]</u> | Date: <u>9/30/16</u> | Time: <u>1500</u>  | Received by Laboratory: <u>[Signature]</u> | Date: <u>9/30/16</u> | Time: <u>1500</u> |