



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

September 23, 2016

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

RE: NAMS Retest

Order No.: 1609928

Dear Doug Pigman:

Analytical Laboratory Group received 7 sample(s) on 9/20/2016 for the analyses presented in the following report.

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



*Delivering more than  
just test results*

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## Case Narrative

WO#: **1609928**

Date: **9/23/2016**

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**CLIENT:** Greater Albany Public Schools

**Project:** NAMS Retest

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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.

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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#:** 1609928  
**CLIENT:** Greater Albany Public Schools  
**Project:** NAMS Retest  
**PWS Number:**  
**Sample Source:**

**Received Date:** 9/20/2016 2:40:00 PM  
**Sampler Name:** Jessica Dilbone  
**Matrix:** Drinking Water  
**Sample Type:**

**Lab ID:** 1609928-001      **Client Sample ID:** Rm 19 SDF      **Collection Date:** 9/15/2016 6:13:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00215	0.0200	0.00200		mg/L	9/22/2016 7:24:00 AM	PG

**Lab ID:** 1609928-002      **Client Sample ID:** Rm 21 Faucet 1      **Collection Date:** 9/15/2016 6:16:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00505	0.0200	0.00200		mg/L	9/22/2016 7:24:00 AM	PG

**Lab ID:** 1609928-003      **Client Sample ID:** Bookroom Faucet      **Collection Date:** 9/15/2016 6:18:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0227	0.0200	0.00400	*	mg/L	9/22/2016 7:24:00 AM	PG

**Lab ID:** 1609928-004      **Client Sample ID:** Storeroom Faucet      **Collection Date:** 9/15/2016 6:20:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0237	0.0200	0.00400	*	mg/L	9/22/2016 7:24:00 AM	PG

**Lab ID:** 1609928-005      **Client Sample ID:** Home Ec Faucet 1      **Collection Date:** 9/15/2016 6:08:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00604	0.0200	0.00200		mg/L	9/22/2016 7:24:00 AM	PG

**Lab ID:** 1609928-006      **Client Sample ID:** Home Ec Faucet 6      **Collection Date:** 9/15/2016 6:09:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00614	0.0200	0.00200		mg/L	9/22/2016 7:24:00 AM	PG

**Lab ID:** 1609928-007      **Client Sample ID:** Home Ec Faucet 7      **Collection Date:** 9/15/2016 6:10:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00848	0.0200	0.00200		mg/L	9/22/2016 7:24:00 AM	PG

**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



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**Accreditation Program  
 Analytes Report**  
 WO#: 1609928  
 23-Sep-16

**Client:** Greater Albany Public Schools  
**Project:** NAMS Retest

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1609928-001A	Rm 19 SDF	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1609928-002A	Rm 21 Faucet 1			Lead	A
	1609928-003A	Bookroom Faucet			Lead	A
	1609928-004A	Storeroom Faucet			Lead	A
	1609928-005A	Home Ec Faucet 1			Lead	A
	1609928-006A	Home Ec Faucet 6			Lead	A
	1609928-007A	Home Ec Faucet 7			Lead	A

ORELAP A Accredited

ACCRED



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## Definition Base

WO#: 1609928

Date: 9/23/2016

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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

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Original

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**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.

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NPUC

## CHAIN OF CUSTODY

<b>Attention:</b> Doug Pigman	<b>Client:</b> Greater Albany Public Schools
<b>Phone:</b> 541-967-4513	<b>Address:</b> 3610 Grand Prairie
<b>Email:</b> <a href="mailto:doug.pigman@albany.k12.or.us">doug.pigman@albany.k12.or.us</a>	<b>City, State, Zip:</b> Albany, OR 97322
<b>Client Project:</b> NAMS Retest	<b>Sampler:</b> Print Jessica Dillbone
	<b>Sampler:</b> Signature Jessica Dillbone

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles - Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
Rm 19 SDF	DW/Grab	9-15-16	6:13a	Lead	P	1			001A
Rm 21 Faucet 1	DW/Grab	9-15	6:16a	Lead	P	1			002A
Bookroom Faucet	DW/Grab	9-15	6:18a	Lead	P	1			003A
Storeroom Faucet	DW/Grab	9-15	6:20a	Lead	P	1			004A
Home Ec Faucet 1	DW/Grab	9-15	6:08a	Lead	P	1			005A
Home Ec Faucet 6	DW/Grab	9-15	6:09a	Lead	P	1			006A
Home Ec Faucet 7	DW/Grab	9-15	6:10a	Lead	P	1			007A
	DW/Grab			Lead	P	1			
	DW/Grab			Lead	P	1			
	DW/Grab			Lead	P	1			

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

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

<b>Relinquished by:</b> Jessica Dillbone	<b>Date</b>	<b>Time</b>	<b>Received by:</b>	<b>Date</b>	<b>Time</b>
	9-20-16	1:31			
<b>Relinquished by:</b>	<b>Date</b>	<b>Time</b>	<b>Received by:</b>	<b>Date</b>	<b>Time</b>
			Josh [Signature]	9/20/16	1331
<b>Relinquished by:</b>	<b>Date</b>	<b>Time</b>	<b>Received by Laboratory:</b>	<b>Date</b>	<b>Time</b>
Josh [Signature]	9/20/16	1440	[Signature]	9/20/16	1440