



*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: Tangent Elementary

Order No.: 1609E31

Dear Doug Pigman:

Analytical Laboratory Group received 7 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#: 1609E31  
Date: 10/5/2016

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**CLIENT:** Greater Albany Public Schools  
**Project:** Tangent 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#:** 1609E31  
**CLIENT:** Greater Albany Public Schools  
**Project:** Tangent Elementary  
**PWS Number:**  
**Sample Source:**

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

Lab ID:	Client Sample ID	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609E31-001	Rm 12 Faucet	SM 3113 B	0.0146	0.0200	0.00200		mg/L	10/4/2016 1:16:00 PM	SN

Lab ID:	Client Sample ID	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609E31-002	Rm 13 Faucet	SM 3113 B	0.0213	0.0200	0.00400	*	mg/L	10/4/2016 1:16:00 PM	SN

Lab ID:	Client Sample ID	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609E31-003	Rm 14 Faucet	SM 3113 B	0.0219	0.0200	0.00400	*	mg/L	10/4/2016 1:16:00 PM	SN

Lab ID:	Client Sample ID	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609E31-004	Rm 15 SDF	SM 3113 B	0.00741	0.0200	0.00200		mg/L	10/4/2016 1:16:00 PM	SN

Lab ID:	Client Sample ID	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609E31-005	Rm 15 Faucet	SM 3113 B	0.00505	0.0200	0.00200		mg/L	10/4/2016 1:16:00 PM	SN

Lab ID:	Client Sample ID	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609E31-006	Rm 16 SDF	SM 3113 B	0.00611	0.0200	0.00200		mg/L	10/3/2016 2:39:00 PM	PG

Lab ID:	Client Sample ID	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609E31-007	Rm 16 Faucet	SM 3113 B	0.0464	0.0200	0.00800	*	mg/L	10/3/2016 2:39:00 PM	PG

<b>Qualifiers:</b>	* 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#: 1609E31  
 05-Oct-16

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

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1609E31-001A	Rm 12 Faucet	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1609E31-002A	Rm 13 Faucet			Lead	A
	1609E31-003A	Rm 14 Faucet			Lead	A
	1609E31-004A	Rm 15 SDF			Lead	A
	1609E31-005A	Rm 15 Faucet			Lead	A
	1609E31-006A	Rm 16 SDF			Lead	A
	1609E31-007A	Rm 16 Faucet			Lead	A

ORELAP A Accredited

ACCRED

Original #1609E31# v1



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## Definition Base

WO#: 1609E31

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



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## Definition Base

WO#: 1609E31

Date: 10/5/2016

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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

SAH

# Analytical Laboratory Group, Inc.

361 WEST FIFTH AVENUE  
 EUGENE, OREGON 97401  
 800-262-5973/541-485-8404 Fax 541-484-5995  
 Email: [alglabs@alglabsinc.com](mailto:alglabs@alglabsinc.com)



Delivering the  
just test results

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> Tangent Elementary	<b>Sampler:</b> Print Ryan Briggs
	<b>Sampler:</b> Signature 

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles - Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
Rm 12, Faucet	DW/Grab	09/29	4:18 PM	Lead	P	1			001A
Rm 13, Faucet	DW/Grab	09/29	4:17 PM	Lead	P	1			002A
Rm 14, Faucet	DW/Grab	09/29	4:19 PM	Lead	P	1			003A
Rm 15, SDF	DW/Grab	09/29	4:16 PM	Lead	P	1			004A
Rm 15, Faucet	DW/Grab	09/29	4:16 PM	Lead	P	1			005A
Rm 16, SDF	DW/Grab	09/29	4:15 PM	Lead	P	1			006A
Rm 16, Faucet	DW/Grab	09/29	4:15 PM	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> <input checked="" type="checkbox"/> NORMAL _____ <input type="checkbox"/> RUSH _____	<b>Shipped Via:</b> ALG Courier	<b>Refrigerated</b> N/A
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<b>Relinquished by:</b> 	<b>Date</b> 9/30/16	<b>Time</b> 2:12 PM	<b>Received by:</b> 	<b>Date</b>	<b>Time</b>
<b>Relinquished by:</b> 	<b>Date</b>	<b>Time</b>	<b>Received by:</b> 	9/30/16	14:12
<b>Relinquished by:</b> 	9/30/16	15:00	<b>Received by Laboratory:</b> Cynthia O'Kella	9/30/16	15:00