



*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:

August 15, 2016

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

RE: Oak Grove

Order No.: 1607503

Dear Doug Pigman:

Analytical Laboratory Group received 19 sample(s) on 7/12/2016 for the analyses presented in the following report.

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

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



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

## Case Narrative

WO#: 1607503  
Date: 8/15/2016

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**CLIENT:** Greater Albany Public Schools  
**Project:** Oak Grove

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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#:** 1607503  
**CLIENT:** Greater Albany Public Schools  
**Project:** Oak Grove  
**PWS Number:**  
**Sample Source:**

**Received Date:** 7/12/2016 3:00:00 PM  
**Sampler Name:** Jessica Dilbone and Kristina  
**Matrix:** Drinking Water  
**Sample Type:**

Lab ID:	Client Sample ID	First Aid Sink	Collection Date:					
1607503-001	First Aid Sink		7/7/2016 3:22:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00357	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID:	Client Sample ID	Work Room Sink	Collection Date:					
1607503-002	Work Room Sink		7/7/2016 3:24:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00703	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID:	Client Sample ID	Rm C1 Sink	Collection Date:					
1607503-003	Rm C1 Sink		7/7/2016 3:20:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00340	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID:	Client Sample ID	Rm B1 Sink	Collection Date:					
1607503-004	Rm B1 Sink		7/7/2016 3:15:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0167	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID:	Client Sample ID	Rm B2 Sink	Collection Date:					
1607503-005	Rm B2 Sink		7/7/2016 3:16:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00444	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID:	Client Sample ID	North Hall Fountain	Collection Date:					
1607503-006	North Hall Fountain		7/7/2016 3:19:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID:	Client Sample ID	Kitchen Sink	Collection Date:					
1607503-007	Kitchen Sink		7/7/2016 3:18:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID:	Client Sample ID	Rm D Sink	Collection Date:					
1607503-008	Rm D Sink		7/7/2016 3:17:00 PM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**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

**WO#:** 1607503  
**CLIENT:** Greater Albany Public Schools  
**Project:** Oak Grove  
**PWS Number:**  
**Sample Source:**

**Received Date:** 7/12/2016 3:00:00 PM  
**Sampler Name** Jessica Dilbone and Kristina  
**Matrix:** Drinking Water  
**Sample Type:**

**Lab ID:** 1607503-009      **Client Sample ID** Rm E Sink      **Collection Date:** 7/7/2016 3:26:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00814	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**Lab ID:** 1607503-010      **Client Sample ID** Rm F Sink      **Collection Date:** 7/7/2016 3:27:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**Lab ID:** 1607503-011      **Client Sample ID** Rm G Sink      **Collection Date:** 7/7/2016 3:26:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**Lab ID:** 1607503-012      **Client Sample ID** RM H Sink      **Collection Date:** 7/7/2016 3:28:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**Lab ID:** 1607503-013      **Client Sample ID** Rm I Sink      **Collection Date:** 7/7/2016 3:28:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**Lab ID:** 1607503-014      **Client Sample ID** Rm J Sink      **Collection Date:** 7/7/2016 3:29:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00205	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**Lab ID:** 1607503-015      **Client Sample ID** Rm K Sink      **Collection Date:** 7/7/2016 3:28:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00479	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

**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

**WO#:** 1607503  
**CLIENT:** Greater Albany Public Schools  
**Project:** Oak Grove  
**PWS Number:**  
**Sample Source:**

**Received Date:** 7/12/2016 3:00:00 PM  
**Sampler Name:** Jessica Dilbone and Kristina  
**Matrix:** Drinking Water  
**Sample Type:**

Lab ID:	Client Sample ID	Rm H-K Sink		Collection Date: 7/7/2016 3:30:00 PM				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/14/2016 7:38:00 AM	KG

Lab ID:	Client Sample ID	Gym Fountain		Collection Date: 7/7/2016 3:37:00 PM				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/14/2016 7:38:00 AM	KG

Lab ID:	Client Sample ID	Gym Sink		Collection Date: 7/7/2016 3:37:00 PM				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/14/2016 7:38:00 AM	KG

Lab ID:	Client Sample ID	Gym Bathroom Fountain		Collection Date: 7/7/2016 3:34:00 PM				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/14/2016 7:38:00 AM	KG

**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#: 1607503  
 15-Aug-16

**Client:** Greater Albany Public Schools  
**Project:** Oak Grove

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1607503-001A	First Aid Sink	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1607503-002A	Work Room Sink			Lead	A
	1607503-003A	Rm C1 Sink			Lead	A
	1607503-004A	Rm B1 Sink			Lead	A
	1607503-005A	Rm B2 Sink			Lead	A
	1607503-006A	North Hall Fountain			Lead	A
	1607503-007A	Kitchen Sink			Lead	A
	1607503-008A	Rm D Sink			Lead	A
	1607503-009A	Rm E Sink			Lead	A
	1607503-010A	Rm F Sink			Lead	A
	1607503-011A	Rm G Sink			Lead	A
	1607503-012A	RM H Sink			Lead	A
	1607503-013A	Rm I Sink			Lead	A
	1607503-014A	Rm J Sink			Lead	A
	1607503-015A	Rm K Sink			Lead	A
	1607503-016A	Rm H-K Sink			Lead	A
	1607503-017A	Gym Fountain			Lead	A
	1607503-018A	Gym Sink			Lead	A
	1607503-019A	Gym Bathroom Fountain			Lead	A



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## Definition Base

WO#: 1607503

Date: 8/15/2016

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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



# 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)



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## CHAIN OF CUSTODY

Attention: <u>Doug Pigman</u>	Client: <u>Greater Albany Public Schools</u>
Phone: <u>541/967-4513</u>	Address: <u>3610 Grand Prairie</u>
Email: <u>doug.pigman@alglabsinc.com</u>	City, State, Zip: <u>Albany, OR 97322</u>
Client Project: <u>Oak Grove</u>	Sampler: Print <u>Jessica Dilbone, Kristina Groome</u> Sampler: Signature <u>Jessica Dilbone, Kristina Groome</u>

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles -Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
First Aid Sink	DW/Grab	7/7	3:22	Lead	P	1			001A
Work room sink	DW/Grab	7/7	3:24	Lead	P	1			002A
Rm C1 Sink	DW/Grab	7/7	3:20	Lead	P	1			003A
Rm. B1 Sink	DW/Grab	7/7	3:15	Lead	P	1			004A
Rm. B2 Sink	DW/Grab	7/7	3:16	Lead	P	1			005A
North Hall Fountain	DW/Grab	7/7	3:19	Lead	P	1			006A
Kitchen Sink	DW/Grab	7/7	3:18	Lead	P	1			007A
Rm. D Sink	DW/Grab	7/7	3:17	Lead	P	1			008A
Rm. E Sink	DW/Grab	7/7	3:26	Lead	P	1			009A
Rm. F Sink	DW/Grab	7/7	3:27	Lead	P	1			0010A

Notes:


Preservation Check				
Lab ID	Date/Time	Pre-Preserved	pH	Tech

Turn Around Time Requested (Rush incurs a Surcharge): <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> RUSH	Shipped Via: <u>ALG Courier</u>	Refrigerated <u>NA</u>
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Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
			<u>MF</u>	<u>7/12/16</u>	<u>1400</u>
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
<u>MF</u>	<u>7/12/16</u>	<u>1500</u>	<u>[Signature]</u>	<u>7/12/16</u>	<u>1500</u>

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 Email: [alglabs@alglabsinc.com](mailto:alglabs@alglabsinc.com)



Delivering more than just test results

## CHAIN OF CUSTODY

Attention: <u>Doug Pigman</u>	Client: <u>Greater Albany Public Schools</u>
Phone: <u>541/967-4513</u>	Address: <u>3610 Grand Prairie</u>
Email: <u>doug.pigman@alglabsinc.com</u>	City, State, Zip: <u>Albany, OR 97322</u>
Client Project: <u>Oak Grove</u>	Sampler: <u>Print</u> Jessica Dilbone, Kristina Groome Sampler: <u>Signature</u> Jessica Dilbone, Kristina Groome

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles -Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
Rm. G Sink	DW/Grab	7/7	3:26	Lead	P	1			011A
Rm. H Sink	DW/Grab	7/7	3:28	Lead	P	1			012A
Rm. I Sink	DW/Grab	7/7	3:28	Lead	P	1			013A
Rm. J Sink	DW/Grab	7/7	3:29	Lead	P	1			014A
Rm. K Sink	DW/Grab	7/7	3:28	Lead	P	1			015A
Rm. H-K Lounge Sink	DW/Grab	7/7	3:30	Lead	P	1			016A
Gym Fountain	DW/Grab	7/7	3:37	Lead	P	1			017A
Gym Sink	DW/Grab	7/7	3:37	Lead	P	1			018A
Gym bathroom Fountain	DW/Grab	7/7	3:34	Lead	P	1			019A
	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): <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> RUSH	Shipped Via: <u>ALG Courier</u>	Refrigerated <u>NA</u>	
Relinquished by:	Date      Time	Received by:	Date      Time
Relinquished by:	Date      Time	Received by:	Date      Time
Relinquished by:	Date      Time	Received by Laboratory:	Date      Time
	7/12/16   1500		7/12/16   1500