



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 22, 2016

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

RE: Fir Grove

Order No.: 1607C44

Dear Doug Pigman:

Analytical Laboratory Group received 13 sample(s) on 7/26/2016 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#: 1607C44
Date: 8/22/2016

CLIENT: Greater Albany Public Schools
Project: Fir Grove

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#: 1607C44
CLIENT: Greater Albany Public Schools
Project: Fir Grove
PWS Number:
Sample Source:

Received Date: 7/26/2016 2:20:00 PM
Sampler Name: Stephanie Dilbone
Matrix: Drinking Water
Sample Type:

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-001	Kitchen Sink	ND	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-002	Library Sink	0.00732	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-003	Staff Rm Sink	ND	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-004	Hall Fntn A	ND	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-005	Rm 7 Sink	0.00266	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-006	Rm 8 Sink	ND	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-007	Hall Fntn B	ND	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID:	Client Sample ID	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1607C44-008	Rm 6 Sink	ND	0.0200	0.00200		mg/L	8/21/2016 6:57:00 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

WO#: 1607C44
CLIENT: Greater Albany Public Schools
Project: Fir Grove
PWS Number:
Sample Source:

Received Date: 7/26/2016 2:20:00 PM
Sampler Name: Stephanie Dilbone
Matrix: Drinking Water
Sample Type:

Lab ID: 1607C44-009 **Client Sample ID:** Rm 5 Sink **Collection Date:** 7/25/2016 2:35:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/21/2016 6:57:00 AM	KG

Lab ID: 1607C44-010 **Client Sample ID:** Rm 4 Sink **Collection Date:** 7/25/2016 2:36:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/21/2016 12:50:00 PM	PG

Lab ID: 1607C44-011 **Client Sample ID:** Rm 3 Sink **Collection Date:** 7/25/2016 2:36:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/21/2016 12:50:00 PM	PG

Lab ID: 1607C44-012 **Client Sample ID:** Rm 2 Sink **Collection Date:** 7/25/2016 2:35:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/21/2016 12:50:00 PM	PG

Lab ID: 1607C44-013 **Client Sample ID:** Rm 1 Sink **Collection Date:** 7/25/2016 2:33:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/21/2016 12:50:00 PM	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#: 1607C44
 22-Aug-16

Client: Greater Albany Public Schools
Project: Fir Grove

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1607C44-001A	Kitchen Sink	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1607C44-002A	Library Sink			Lead	A
	1607C44-003A	Staff Rm Sink			Lead	A
	1607C44-004A	Hall Fntn A			Lead	A
	1607C44-005A	Rm 7 Sink			Lead	A
	1607C44-006A	Rm 8 Sink			Lead	A
	1607C44-007A	Hall Fntn B			Lead	A
	1607C44-008A	Rm 6 Sink			Lead	A
	1607C44-009A	Rm 5 Sink			Lead	A
	1607C44-010A	Rm 4 Sink			Lead	A
	1607C44-011A	Rm 3 Sink			Lead	A
	1607C44-012A	Rm 2 Sink			Lead	A
	1607C44-013A	Rm 1 Sink			Lead	A

ORELAP A Accredited

ACCRED



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Definition Base

WO#: 1607C44

Date: 8/22/2016

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

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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@albanymk2.oregus</u>	City, State, Zip: <u>Albany, OR 97322</u>
Client Project: <u>Fir Grove</u>	Sampler: Print <u>Stephanie Dilbone</u> Sampler: Signature <u>Stephanie Dilbone</u>

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles -Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
<u>Kitchen Sink</u>	<u>DW/Grab</u>	<u>7-25-16</u>	<u>2:28p</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>001A</u>
<u>Library Sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:29</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>002A</u>
<u>Staff Rm Sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:29</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>003A</u>
<u>Hall Fountain A</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:29</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>004A</u>
<u>Rm 7 Sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:30</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>005A</u>
<u>Rm 8 Sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:30</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>006A</u>
<u>Hall Fountain B</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:32</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>007A</u>
<u>Rm 6 Sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:32</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>008A</u>
<u>Rm 5 Sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:35</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>009A</u>
<u>Rm 4 Sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:36</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>0010A</u>

Notes:	Preservation Check																																																		
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Lab ID</th> <th>Date/Time</th> <th>Pre-Preserved</th> <th>pH</th> <th>Tech</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Lab ID	Date/Time	Pre-Preserved	pH	Tech																																													
Lab ID	Date/Time	Pre-Preserved	pH	Tech																																															

Turn Around Time Requested (Rush incurs a Surcharge): <input checked="" type="checkbox"/> <u>NORMAL</u> <input type="checkbox"/> <u>RUSH</u>	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
<u>MF</u>	<u>7/26/16</u> <u>1420</u>	<u>[Signature]</u>	<u>7/26/16</u> <u>1420</u>

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Client Project: <u>Fir Grove</u>	Sampler: Print <u>Stephanie Dilbone</u>
	Sampler: Signature <u>Stephanie Dilbone</u>

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles - Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
<u>Rm 3 sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:36</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>011A</u>
<u>Rm 2 sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:35</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>012A</u>
<u>Rm 1 sink</u>	<u>DW/Grab</u>	<u>7-25</u>	<u>2:33</u>	<u>Lead</u>	<u>P</u>	<u>1</u>			<u>013A</u>
	<u>DW/Grab</u>			<u>Lead</u>	<u>P</u>	<u>1</u>			<u>014A</u>
	<u>DW/Grab</u>			<u>Lead</u>	<u>P</u>	<u>1</u>			<u>015A</u>
	<u>DW/Grab</u>			<u>Lead</u>	<u>P</u>	<u>1</u>			<u>016A</u>
	<u>DW/Grab</u>			<u>Lead</u>	<u>P</u>	<u>1</u>			<u>017A</u>
	<u>DW/Grab</u>			<u>Lead</u>	<u>P</u>	<u>1</u>			<u>018A</u>
	<u>DW/Grab</u>			<u>Lead</u>	<u>P</u>	<u>1</u>			<u>019A</u>
	<u>DW/Grab</u>			<u>Lead</u>	<u>P</u>	<u>1</u>			<u>019A</u>

SAT

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: _____	Date: _____ Time: _____
Relinquished by: _____ Date: _____ Time: _____	Received by: <u>MF</u> Date: <u>7/26/16</u> Time: <u>1330</u>	Date: _____ Time: _____
Relinquished by: <u>MF</u> Date: <u>7/26/16</u> Time: <u>1420</u>	Received by Laboratory: _____ Date: <u>7/26/16</u> Time: <u>1420</u>	Date: _____ Time: _____