



Environmental Water
and Wastewater

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

September 27, 2016

Lillian Edmonds
Blodgett Elementary - Philomath SD
1620 Applegate Street
Philomath, OR 97370
TEL: (541) 929-3169
FAX (541) 929-3991

RE:

Order No.: 1609A33

Dear Lillian Edmonds:

Analytical Laboratory Group received 3 sample(s) on 9/21/2016 for the analyses presented in the following report.

A handwritten signature in cursive script that reads 'Kimberly J. Reeve Morghan'.

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



*It's doing 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:

Case Narrative

WO#: 1609A33

Date: 9/27/2016

CLIENT: Blodgett Elementary - Philomath SD

Project:

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.

ALG recommends that Public Water Systems monitor the Oregon OHA website (www.yourwater.oregon.gov) to verify that all expected compliance testing results have been entered.

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

All QA/QC requirements were met and test results meet all requirements of TNI except as noted below.

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



ALG ORELAP ID #OR100012

361 West 5th Ave

Eugene, OR 97401

TEL: (541) 485-8404 FAX: (541) 484-5995

Website:

Analytical Report

Date Reported 9/27/2016

WO#: 1609A33
CLIENT: Blodgett Elementary - Philomath SD
Project:
PWS Number: OR4193702
Sample Source: DIST-A

Received Date: 9/21/2016 3:20:00 PM
Sampler Name: Ryan Vaughn
Matrix: Drinking Water
Sample Type: Routine

Lab ID: 1609A33-001	Client Sample ID	Room 1 Faucet	Collection Date: 9/14/2016 7:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	0.409	1.30	0.100		mg/L	9/23/2016 10:38:00 AM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	9/26/2016 6:48:00 PM	PG

Lab ID: 1609A33-002	Client Sample ID	Room 2	Collection Date: 9/14/2016 7:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	0.343	1.30	0.100		mg/L	9/23/2016 10:38:00 AM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	9/26/2016 6:48:00 PM	PG

Lab ID: 1609A33-003	Client Sample ID	Library Faucet	Collection Date: 9/14/2016 7:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	0.526	1.30	0.100		mg/L	9/23/2016 10:38:00 AM	KG
Lead	SM 3113 B	0.00700	0.0150	0.00200		mg/L	9/27/2016 10:00:30 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



*Provisionally Accredited
ISO 17025 results*

ALG ORELAP ID #OR100012

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Eugene, OR 97401

TEL: (541) 485-8404 FAX: (541) 484-5995

Website:

Accreditation Program Analytes Report

WO#: 1609A33

27-Sep-16

Client: Blodgett Elementary - Philomath SD

Project:

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1609A33-001A	Room 1 Faucet	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A
	1609A33-002A	Room 2	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A
	1609A33-003A	Library Faucet	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A

ORELAP A Accredited

ACCRED

Original #1609A33# v1

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ANALYTICAL LABORATORY GROUP
1011 West 5th Ave
Eugene, OR 97401

ALG ORELAP ID #OR100012

361 West 5th Ave

Eugene, OR 97401

TEL: (541) 485-8404 FAX: (541) 484-5995

Website:

Definition Base

WO#: 1609A33

Date: 9/27/2016

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

Original

Page 5 of 6



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

Definition Base

WO#: 1609A33
Date: 9/27/2016

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



CO



CHAIN OF CUSTODY PUBLIC WATER SUPPLY LEAD & COPPER

♦ DELIVER WITHIN 10 DAYS OF COLLECTION DATE ♦
 ♦ PLEASE SEE SAMPLING INSTRUCTIONS ♦

System Name: Blodgett Elementary SD 17J	PWS ID: OR4193702
Attention: Lillian Edmonds	Source ID: DIST-A
Mailing Address: 535 South 19th Street Philomath, OR 97370	Sample Type: Circle <u>Routine</u> or <u>Special</u>
Phone: 541-929-3169	Collected by: RYAN VAUGHN
Fax: 541-929-3991	Date & Time Collected: Enter Below

Notes: Info per bottle label & per Lillian Edmonds. SI 9/21/16 received a few samples that were collected at the wrong sample points. 9/21/16 CO

If Sample Type is 'Routine' do you want the lab to send a copy to DHS DWP?
 Yes No

Lab ID	Sample Point	Collection		Bottles	Analysis Requested
		Date	Time		
001A	ROOM 1 FAUCET	9/14/16	0700	1	Lead & Copper
002A	ROOM 2 FAUCET	9/14/16	0700	1	Lead & Copper
003A	LIBRARY FAUCET	9/14/16	0700	1	Lead & Copper
				1	Lead & Copper
				1	Lead & Copper

Turn Around Time Requested: RUSH <input type="checkbox"/> <u>NORMAL</u> <input checked="" type="checkbox"/>		Shipped Via: ALG COURIER		Refrigerated: N/A	
Relinquished by:	Date	Time	Received by:	Date	Time
	9/21/16	1520		9/21/16	0855
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
	9/21/16	1520		9/21/16	1520



1000 NE Oregon Street
Eugene, OR 97401

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

September 30, 2016

Lillian Edmonds
Blodgett Elementary - Philomath SD
1620 Applegate Street
Philomath, OR 97370
TEL: (541) 929-3169
FAX (541) 929-3991

RE:

Order No.: 1609D36

Dear Lillian Edmonds:

Analytical Laboratory Group received 2 sample(s) on 9/28/2016 for the analyses presented in the following report.

A handwritten signature in cursive script that reads 'Kimberly J. Reeve Morghan'.

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



Keeping Oregon Water
Just Great™

ALG ORELAP ID #OR100012

361 West 5th Ave

Eugene, OR 97401

TEL: (541) 485-8404 FAX: (541) 484-5995

Website:

Case Narrative

WO#: 1609D36

Date: 9/30/2016

CLIENT: Blodgett Elementary - Philomath SD

Project:

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ALG recommends that Public Water Systems monitor the Oregon OHA website (www.yourwater.oregon.gov) to verify that all expected compliance testing results have been entered.

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

All QA/QC requirements were met and test results meet all requirements of TNI except as noted below.

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



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

Analytical Report

Date Reported 9/30/2016

WO#: 1609D36
CLIENT: Blodgett Elementary - Philomath SD
Project:
PWS Number: OR4193702
Sample Source: DIST-A

Received Date: 9/28/2016 3:40:00 PM
Sampler Name: Joey DiGiovannangelo
Matrix: Drinking Water
Sample Type: Routine

Lab ID: 1609D36-001 **Client Sample ID:** Hallway B **Collection Date:** 9/28/2016 7:09:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	0.222	1.30	0.100		mg/L	9/30/2016 2:02:00 PM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	9/29/2016 2:14:00 PM	PG

Lab ID: 1609D36-002 **Client Sample ID:** Hallway D Hi DF **Collection Date:** 9/28/2016 7:10:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	0.414	1.30	0.100		mg/L	9/30/2016 2:02:00 PM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	9/29/2016 2:14:00 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



Quality Management
and Accreditation

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

**Accreditation Program
Analytes Report**

WO#: 1609D36
30-Sep-16

Client: Blodgett Elementary - Philomath SD

Project:

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1609D36-001A	Hallway B	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A
	1609D36-002A	Hallway D Hi DF	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A

ORELAP A Accredited

ACCREDITED

Original #1609D36# v1



ANALYTICAL LABORATORY GROUP
1000 NE Oregon Street
Eugene, OR 97401

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Eugene, OR 97401

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Website:

Definition Base

WO#: 1609D36

Date: 9/30/2016

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ANALYTICAL LABORATORY GROUP
2025 10/10/16

ALG ORELAP ID #OR100012

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WO#: 1609D36

Date: 9/30/2016

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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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K2J

CHAIN OF CUSTODY
PUBLIC WATER SUPPLY LEAD & COPPER



◆ DELIVER WITHIN 10 DAYS OF COLLECTION DATE ◆
 ◆ PLEASE SEE SAMPLING INSTRUCTIONS ◆

System Name:	Blodgett Elementary SD 17J	PWS ID:	OR4193702
Attention:	Lillian Edmonds	Source ID:	DIST- A
Mailing Address:	1620 Applegate Street Philomath, OR 97370	Sample Type:	Circle <u>Routine</u> or <u>Special</u>
Phone:	541-929-3169	Collected by:	Joey DiGiacarangelo
Email:	Lillian.edmonds@philomath.k12.or.us	Date & Time Collected:	Enter Below
Notes:	If Sample Type is 'Routine' do you want the lab to send a copy to DHS DWP? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Lab ID	Sample Point	Collection		Bottles	Analysis Requested
		Date	Time		
001A	Hallway B	9/28/16	7:09	1	Lead & Copper
002A	Hallway D Hi DF	9/28/16	7:10	1	Lead & Copper

Turn Around Time Requested:	RUSH <input type="checkbox"/> <u>NORMAL</u> <input checked="" type="checkbox"/>	Shipped Via:	ALG Carrier	Refrigerated	NA
Relinquished by:	Date	Time	Received by:	Date	Time
	9/28/16	1540		9/28/16	1025
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
	9/28/16	1540		9/28/16	1540