



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

June 15, 2016

Dan Hayes
Muddy Creek Charter School
30252 Bell Fountain Road
Corvallis, OR 97333
TEL:
FAX

RE: Order No.: 1606583

Dear Dan Hayes:

Analytical Laboratory Group received 5 sample(s) on 6/10/2016 for the analyses presented in the following report.

The analysis was performed according to our laboratory's NELAP/TNI-approved quality assurance program. Testing methods used are sufficiently sensitive enough to meet the requirements that support client/permittee NPDES permits that we have on file. The client is responsible for reviewing reports. The permittee is responsible for meeting permit limits.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative. Analytical results designated with a "J" qualifier are estimated and represent a detection above the Method Detection Limit (MDL or LOD) and less than the Reporting Limit (PQL or RL). These analytes are not reviewed nor narrated as to whether they are laboratory artifacts.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

A handwritten signature in cursive script that reads "Kimberly Reever Morghan".

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



Member of the
S&B Group

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Case Narrative

WO#: 1606583
Date: 6/15/2016

CLIENT: Muddy Creek Charter School
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.



ALG ORELAP ID #OR100012
 361 West 5th Ave
 Eugene, OR 97401
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Analytical Report

Date Reported 6/15/2016

WO#: 1606583
CLIENT: Muddy Creek Charter School
Project:
PWS Number: OR4193712
Sample Source: DIST-A

Received Date: 6/10/2016 3:10:00 PM
Sampler Name: Dan Hays
Matrix: Drinking Water
Sample Type: Routine

Lab ID:	Client Sample ID	Rm 2	Collection Date:					
1606583-001			6/9/2016 5:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	ND	1.30	0.100		mg/L	6/13/2016 8:52:00 AM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	6/13/2016 5:15:00 PM	KG

Lab ID:	Client Sample ID	Rm 3	Collection Date:					
1606583-002			6/9/2016 5:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	ND	1.30	0.100		mg/L	6/13/2016 8:52:00 AM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	6/13/2016 5:15:00 PM	KG

Lab ID:	Client Sample ID	Rm 5	Collection Date:					
1606583-003			6/9/2016 5:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	ND	1.30	0.100		mg/L	6/13/2016 8:52:00 AM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	6/13/2016 5:15:00 PM	KG

Lab ID:	Client Sample ID	North Kitchen	Collection Date:					
1606583-004			6/9/2016 5:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	0.204	1.30	0.100		mg/L	6/13/2016 8:52:00 AM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	6/13/2016 5:15:00 PM	KG

Lab ID:	Client Sample ID	Health Room	Collection Date:					
1606583-005			6/9/2016 5:00:00 AM					
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Copper	SM 3111 B	ND	1.30	0.100		mg/L	6/13/2016 8:52:00 AM	KG
Lead	SM 3113 B	ND	0.0150	0.00200		mg/L	6/13/2016 5:15:00 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



1500 WEST 5TH AVE
EUGENE, OR 97401

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Website:

Accreditation Program Analytes Report

WO#: 1606583
15-Jun-16

Client: Muddy Creek Charter School

Project:

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1606583-001A	Rm 2	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A
	1606583-002A	Rm 3	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A
	1606583-003A	Rm 5	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A
	1606583-004A	North Kitchen	Drinking Water	AA Metals by SM 3113 Drinking Water	Lead	A
				AA Metals by SM 3111 Drinking Water	Copper	A
	1606583-005A	Health Room	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 #1606583# v1



Environmental Testing
and Analysis

ALG ORELAP ID #OR100012

361 West 5th Ave

Eugene, OR 97401

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

Website:

Definition Base

WO#: 1606583

Date: 6/15/2016

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



ANALYTICAL LABORATORY GROUP

ALG ORELAP ID #OR100012

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Eugene, OR 97401

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Website:

Definition Base

WO#: 1606583

Date: 6/15/2016

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

Lab Number 1606583

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



ANALYTICAL LABORATORY GROUP
 1001 1/2 1ST AVENUE, EUGENE, OR 97401

CHAIN OF CUSTODY PUBLIC WATER SUPPLY LEAD & COPPER

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

System Name:	Muddy Creek Charter School	PWS ID:	OR4193712
Attention:	Dan Hayes	Source ID:	DIST-A
Mailing Address:	30252 Bellfountain Rd	Sample Type:	Circle <u>Routine</u> or <u>Special</u>
	Corvallis, OR 97331	Sample Point:	Entry Point
Phone:	541-752-0377	Collected by:	Dan Hayes
Fax:	541-752-9481	Date & Time Collected:	6/9 5:00 AM
Notes:	Info per Bottles 6/10/16 SAH		
	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	Rm 2	6/9/16	0500	G	Lead & Copper
002A	Rm 3	↓	↓	G	Lead & Copper
003A	Rm 5	↓	↓	G	Lead & Copper
004A	North Kitchen	↓	↓	G	Lead & Copper
005A	Health Room	↓	↓	G	Lead & Copper

Turn Around Time Requested:	RUSH <input type="checkbox"/> <u>NORMAL</u> <input checked="" type="checkbox"/>	Shipped Via:	ALG Courier	Refrigerated	NA
Relinquished by:	<i>Dan Hayes</i>	Date	6/10/16	Time	11:33
Relinquished by:	<i>John</i>	Date	6/10/16	Time	15:10
		Received by:	<i>John</i>		
		Received by Laboratory:	<i>Cynthia Kelly</i>		