Oakridge School District 76
"Schools and community partnering to prepare students for productive citizenship."
Dr. Donald Kordosky
Superintendent
76499 Rose St.
Oakridge, Oregon 97463

September 1, 2016
PRESS RELEASE

Lead Testing Results: Received August 30 and 31, 2016

The primary responsibility of the District is to protect the safety and wellbeing of staff and students. Efforts regarding lead contamination testing and remediation throughout the country, Lane County and Oregon are also being implemented in the Oakridge School District #76.

The Oakridge School District tested all consumable water taps/faucets (including all drinking fountains) in the District for lead during the summer of 2016.

Each tap/faucet that tested positive will either be permanently disconnected or have remediation occurring within the next two weeks. Of note, none of the District's hallway drinking faucets or any tap commonly used for consumable water tested positive for lead. Only one consumable water source had lead that exceeded accepted levels. That specific drinking fountain is located in the woodshop and will be disconnected (woodshop classes have not been offered for several years).

Following remediation all water sources that tested positive for lead will be retested. That information will be posted on the District website and the Dead Mountain Echo. Testing results are attached to this press release.

The results from the lead testing is as follows:

Westridge School
Elevated levels: None of the consumable water taps/faucets/drinking fountains

Oakridge Elementary School
Elevated Levels

Student bathroom sinks in classrooms 1, 2, 3, 4, 6, and 7
Principal's office restroom sink (now a volunteer center restroom sink)
Tutor room sink
Kitchen sink used for prewashing dishes
Newly installed (July, 2016) water fountain, OES play ground

Oakridge Junior/Senior High School
Elevated Levels

Room 206 (science lab room) lab sinks northeast, middle west, northwest
Room 104 sink
Room 105 west sink
Woodshop drinking fountain

ALG
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Delivering more than just test results

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

August 30, 2016

Randy Reitz
Oregon Water Services, Inc.
30086 Federal Lane
Eugene, OR 97402
TEL: (541) 342-1718
FAX (541) 342-1746

RE: Oakridge Schools #76 Lead Testing Order No.: 1608293

Dear Randy Reitz:

Analytical Laboratory Group received 39 sample(s) on 8/4/2016 for the analyses presented in the following report.

Kimberly J. Reever Morghan

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

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Case Narrative

WO#: **1608293**
Date: **8/30/2016**

CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

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.

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.

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Analytical Report

Date Reported **8/30/2016**

WO#: 1608293
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608293-001 **Client Sample ID** H1 **Collection Date:** 7/27/2016 7:37:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-002 **Client Sample ID** H2 **Collection Date:** 7/27/2016 7:39:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.122	0.0200	0.0200	*	mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-003 **Client Sample ID** H3 **Collection Date:** 7/27/2016 7:41:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0370	0.0200	0.00400	*	mg/L	8/16/2016 10:15:00 AM	KG

Lab ID: 1608293-004 **Client Sample ID** H4 **Collection Date:** 7/27/2016 7:41:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0101	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-005 **Client Sample ID** H6 **Collection Date:** 7/27/2016 7:44:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-006 **Client Sample ID** H7 **Collection Date:** 7/27/2016 7:44:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00485	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-007 **Client Sample ID** H8 **Collection Date:** 7/27/2016 7:45:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00256	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-008 **Client Sample ID** H10 **Collection Date:** 7/27/2016 7:45:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00213	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Qualifiers:

*	Value exceeds Maximum Contaminant Level (MCL)
C	Value is below Minimum Compound Limit.
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
A	Accredited by ORELAP
E	Value above quantitation range
LOD	Limit of Detection
NAR	See note in Case Narrative
PL	Permit Limit

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Analytical Report

Date Reported **8/30/2016**

WO#: 1608293
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608293-009 **Client Sample ID** H11 **Collection Date:** 7/27/2016 7:45:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0208	0.0200	0.00400	*	mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-010 **Client Sample ID** H12 **Collection Date:** 7/27/2016 7:46:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00662	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-011 **Client Sample ID** H13 **Collection Date:** 7/27/2016 7:47:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-013 **Client Sample ID** H15 **Collection Date:** 7/27/2016 7:50:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00225	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-014 **Client Sample ID** H16 **Collection Date:** 7/27/2016 7:52:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-015 **Client Sample ID** H19 **Collection Date:** 7/27/2016 7:55:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-016 **Client Sample ID** H20 **Collection Date:** 7/27/2016 7:55:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 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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Analytical Report

Date Reported **8/30/2016**

WO#: 1608293
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608293-017 **Client Sample ID** H21 **Collection Date:** 7/27/2016 7:55:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-018 **Client Sample ID** H22 **Collection Date:** 7/27/2016 7:58:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-019 **Client Sample ID** H23 **Collection Date:** 7/27/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-020 **Client Sample ID** H24 **Collection Date:** 7/27/2016 8:02:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0174	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-021 **Client Sample ID** H26 **Collection Date:** 7/27/2016 7:47:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00377	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-022 **Client Sample ID** H27 **Collection Date:** 7/27/2016 7:49:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0196	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-023 **Client Sample ID** H28 **Collection Date:** 7/27/2016 7:50:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0198	0.0200	0.00400		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-024 **Client Sample ID** H29 **Collection Date:** 7/27/2016 7:52:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00572	0.0200	0.00200		mg/L	8/28/2016 6:41:00 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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Analytical Report

Date Reported **8/30/2016**

WO#: 1608293
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608293-025 **Client Sample ID** H30 **Collection Date:** 7/27/2016 7:55:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00387	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-026 **Client Sample ID** H31 **Collection Date:** 7/27/2016 7:55:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0331	0.0200	0.00400	*	mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-027 **Client Sample ID** H33 **Collection Date:** 7/27/2016 7:55:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0149	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-028 **Client Sample ID** H34 **Collection Date:** 7/27/2016 7:58:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0830	0.0200	0.0200	*	mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-029 **Client Sample ID** H37 **Collection Date:** 7/27/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-030 **Client Sample ID** H38 **Collection Date:** 7/27/2016 8:02:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0258	0.0200	0.00400	*	mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-031 **Client Sample ID** H39 **Collection Date:** 7/27/2016 8:18:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00859	0.0200	0.00200		mg/L	8/28/2016 6:41:00 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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Analytical Report

Date Reported **8/30/2016**

WO#: 1608293
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608293-032 **Client Sample ID** H40 **Collection Date:** 7/27/2016 8:24:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0192	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-033 **Client Sample ID** H41 **Collection Date:** 7/27/2016 8:26:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00301	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-034 **Client Sample ID** H43 **Collection Date:** 7/27/2016 8:37:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00486	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-035 **Client Sample ID** H45 **Collection Date:** 7/27/2016 8:29:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-036 **Client Sample ID** H46 **Collection Date:** 7/27/2016 8:31:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-037 **Client Sample ID** H47 **Collection Date:** 7/27/2016 7:39:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-038 **Client Sample ID** H48 **Collection Date:** 7/27/2016 7:53:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Lab ID: 1608293-039 **Client Sample ID** H49 **Collection Date:** 7/27/2016 8:44:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 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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Analytical Report

Date Reported **8/30/2016**

WO#:	1608293	**Received Date:**	8/4/2016 3:44:00 PM
CLIENT:	Oregon Water Services, Inc.	**Sampler Name**	Don Kordosky
Project:	Oakridge Schools #76 Lead Testing	**Matrix:**	Drinking Water
PWS Number:		**Sample Type:**	
Sample Source:			

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	Original
	ND	Not Detected at the Reporting Limit	PL	Permit Limit	

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Accreditation Program Analytes Report

WO#: **1608293**
30-Aug-16

Client: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1608293-001A	H1	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1608293-002A	H2			Lead	A
	1608293-003A	H3			Lead	A
	1608293-004A	H4			Lead	A
	1608293-005A	H6			Lead	A
	1608293-006A	H7			Lead	A
	1608293-007A	H8			Lead	A
	1608293-008A	H10			Lead	A
	1608293-009A	H11			Lead	A
	1608293-010A	H12			Lead	A
	1608293-011A	H13			Lead	A
	1608293-013A	H15			Lead	A
	1608293-014A	H16			Lead	A
	1608293-015A	H19			Lead	A
	1608293-016A	H20			Lead	A
	1608293-017A	H21			Lead	A
	1608293-018A	H22			Lead	A
	1608293-019A	H23			Lead	A
	1608293-020A	H24			Lead	A
	1608293-021A	H26			Lead	A
	1608293-022A	H27			Lead	A
	1608293-023A	H28			Lead	A
	1608293-024A	H29			Lead	A
	1608293-025A	H30			Lead	A
	1608293-026A	H31			Lead	A
	1608293-027A	H33			Lead	A
	1608293-028A	H34			Lead	A
	1608293-029A	H37			Lead	A
	1608293-030A	H38			Lead	A
	1608293-031A	H39			Lead	A
	1608293-032A	H40			Lead	A

ORELAP A Accredited

ACCRED

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Accreditation Program Analytes Report

WO#: **1608293**
30-Aug-16

Client: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1608293-033A	H41	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1608293-034A	H43			Lead	A
	1608293-035A	H45			Lead	A
	1608293-036A	H46			Lead	A
	1608293-037A	H47			Lead	A
	1608293-038A	H48			Lead	A
	1608293-039A	H49			Lead	A

ORELAP A Accredited

ACCRED

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#: **1608293**
Date: **8/30/2016**

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

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Analytical Report

Date Reported **8/29/2016**

WO#: 1608291
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608291-001 **Client Sample ID** E1 **Collection Date:** 7/27/2016 6:07:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-002 **Client Sample ID** E2 **Collection Date:** 7/27/2016 6:09:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00305	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-003 **Client Sample ID** E3 **Collection Date:** 7/27/2016 6:11:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0107	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-004 **Client Sample ID** E4 **Collection Date:** 7/27/2016 6:13:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00542	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-005 **Client Sample ID** E5 **Collection Date:** 7/27/2016 6:15:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00712	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-006 **Client Sample ID** E6 **Collection Date:** 7/27/2016 6:16:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0482	0.0200	0.00800	*	mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-007 **Client Sample ID** E7 **Collection Date:** 7/27/2016 6:17:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0182	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-008 **Client Sample ID** E8 **Collection Date:** 7/27/2016 6:19:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00533	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Qualifiers:

*	Value exceeds Maximum Contaminant Level (MCL)
C	Value is below Minimum Compound Limit.
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
A	Accredited by ORELAP
E	Value above quantitation range
LOD	Limit of Detection
NAR	See note in Case Narrative
PL	Permit Limit

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

Analytical Report

Date Reported **8/29/2016**

WO#: 1608291
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608291-009 **Client Sample ID** E9 **Collection Date:** 7/27/2016 6:19:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0134	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-010 **Client Sample ID** E12 **Collection Date:** 7/27/2016 6:23:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0235	0.0200	0.00400	*	mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-011 **Client Sample ID** E13 **Collection Date:** 7/27/2016 6:24:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-012 **Client Sample ID** E15 **Collection Date:** 7/27/2016 6:26:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0206	0.0200	0.00400	*	mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-013 **Client Sample ID** E16 **Collection Date:** 7/27/2016 6:27:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0142	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-014 **Client Sample ID** E17 **Collection Date:** 7/27/2016 6:27:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00646	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-015 **Client Sample ID** E18 **Collection Date:** 7/27/2016 6:29:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0430	0.0200	0.00800	*	mg/L	8/27/2016 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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Eugene, OR 97401
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Website:

Analytical Report

Date Reported **8/29/2016**

WO#: 1608291
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608291-016 **Client Sample ID** E20 **Collection Date:** 7/27/2016 6:31:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0152	0.0200	0.00200		mg/L	8/16/2016 10:15:00 AM	KG

Lab ID: 1608291-017 **Client Sample ID** E21 **Collection Date:** 7/27/2016 6:32:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0105	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-018 **Client Sample ID** E22 **Collection Date:** 7/27/2016 6:36:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0357	0.0200	0.00400	*	mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-019 **Client Sample ID** E23 **Collection Date:** 7/27/2016 6:36:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0153	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-020 **Client Sample ID** E24 **Collection Date:** 7/27/2016 6:37:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-021 **Client Sample ID** E25 **Collection Date:** 7/27/2016 6:38:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0125	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-022 **Client Sample ID** E26 **Collection Date:** 7/27/2016 6:39:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0106	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-023 **Client Sample ID** E27 **Collection Date:** 7/27/2016 6:39:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00484	0.0200	0.00200		mg/L	8/27/2016 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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Website:

Analytical Report

Date Reported **8/29/2016**

WO#: 1608291
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608291-024 **Client Sample ID** E29 **Collection Date:** 7/27/2016 6:41:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0124	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-025 **Client Sample ID** E30 **Collection Date:** 7/27/2016 6:42:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0396	0.0200	0.00800	*	mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-026 **Client Sample ID** E31 **Collection Date:** 7/27/2016 6:44:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0101	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-027 **Client Sample ID** E32 **Collection Date:** 7/27/2016 6:45:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00986	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-028 **Client Sample ID** E33 **Collection Date:** 7/27/2016 6:46:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0114	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-029 **Client Sample ID** E34 **Collection Date:** 7/27/2016 6:48:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00453	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-030 **Client Sample ID** E35 **Collection Date:** 7/27/2016 6:50:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00432	0.0200	0.00200		mg/L	8/27/2016 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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Eugene, OR 97401
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Website:

Analytical Report

Date Reported **8/29/2016**

WO#: 1608291
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608291-031 **Client Sample ID** E36 **Collection Date:** 7/27/2016 6:51:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0245	0.0200	0.00400	*	mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-032 **Client Sample ID** E37 **Collection Date:** 7/27/2016 6:51:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00493	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-033 **Client Sample ID** E39 **Collection Date:** 7/27/2016 6:54:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00601	0.0200	0.00200		mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-034 **Client Sample ID** E40 **Collection Date:** 7/27/2016 6:55:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0264	0.0200	0.00400	*	mg/L	8/27/2016 12:50:00 PM	PG

Lab ID: 1608291-035 **Client Sample ID** E41 **Collection Date:** 7/27/2016 6:34:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0277	0.0200	0.00400	*	mg/L	8/16/2016 10:15:00 AM	KG

Lab ID: 1608291-036 **Client Sample ID** E42 **Collection Date:** 7/27/2016 6:58:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0239	0.0200	0.00400	*	mg/L	8/27/2016 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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Website:

Accreditation Program Analytes Report

WO#: **1608291**
29-Aug-16

Client: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1608291-001A	E1	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1608291-002A	E2			Lead	A
	1608291-003A	E3			Lead	A
	1608291-004A	E4			Lead	A
	1608291-005A	E5			Lead	A
	1608291-006A	E6			Lead	A
	1608291-007A	E7			Lead	A
	1608291-008A	E8			Lead	A
	1608291-009A	E9			Lead	A
	1608291-010A	E12			Lead	A
	1608291-011A	E13			Lead	A
	1608291-012A	E15			Lead	A
	1608291-013A	E16			Lead	A
	1608291-014A	E17			Lead	A
	1608291-015A	E18			Lead	A
	1608291-016A	E20			Lead	A
	1608291-017A	E21			Lead	A
	1608291-018A	E22			Lead	A
	1608291-019A	E23			Lead	A
	1608291-020A	E24			Lead	A
	1608291-021A	E25			Lead	A
	1608291-022A	E26			Lead	A
	1608291-023A	E27			Lead	A
	1608291-024A	E29			Lead	A
	1608291-025A	E30			Lead	A
	1608291-026A	E31			Lead	A
	1608291-027A	E32			Lead	A
	1608291-028A	E33			Lead	A
	1608291-029A	E34			Lead	A
	1608291-030A	E35			Lead	A
	1608291-031A	E36			Lead	A

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Website:

Accreditation Program Analytes Report

WO#: **1608291**
29-Aug-16

Client: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1608291-032A	E37	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1608291-033A	E39			Lead	A
	1608291-034A	E40			Lead	A
	1608291-035A	E41			Lead	A
	1608291-036A	E42			Lead	A

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Website:

Definition Base

WO#: **1608291**
Date: **8/29/2016**

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

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

Analytical Report

Date Reported **8/29/2016**

WO#: 1608298
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/4/2016 3:44:00 PM
Sampler Name Don Kordosky
Matrix: Drinking Water
Sample Type:

Lab ID: 1608298-001 **Client Sample ID** W1 **Collection Date:** 7/27/2016 9:11:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 6:14:00 PM	PG

Lab ID: 1608298-002 **Client Sample ID** W3 **Collection Date:** 7/27/2016 9:15:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 6:14:00 PM	PG

Lab ID: 1608298-003 **Client Sample ID** W4 **Collection Date:** 7/27/2016 9:13:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00304	0.0200	0.00200		mg/L	8/27/2016 6:14:00 PM	PG

Lab ID: 1608298-004 **Client Sample ID** W5 **Collection Date:** 7/27/2016 9:17:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 6:14:00 PM	PG

Lab ID: 1608298-005 **Client Sample ID** W8 **Collection Date:** 7/27/2016 9:18:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 6:14:00 PM	PG

Lab ID: 1608298-006 **Client Sample ID** W10 **Collection Date:** 7/27/2016 9:22:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00693	0.0200	0.00200		mg/L	8/27/2016 6:14:00 PM	PG

Lab ID: 1608298-007 **Client Sample ID** W11 **Collection Date:** 7/27/2016 9:23:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00871	0.0200	0.00200		mg/L	8/27/2016 6:14:00 PM	PG

Lab ID: 1608298-008 **Client Sample ID** W15 **Collection Date:** 7/27/2016 9:20:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/27/2016 6:14:00 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

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Website:

Analytical Report

Date Reported **8/29/2016**

WO#:	1608298	**Received Date:**	8/4/2016 3:44:00 PM
CLIENT:	Oregon Water Services, Inc.	**Sampler Name**	Don Kordosky
Project:	Oakridge Schools #76 Lead Testing	**Matrix:**	Drinking Water
PWS Number:		**Sample Type:**	
Sample Source:			

Lab ID: 1608298-009 **Client Sample ID** W6 **Collection Date:** 7/27/2016 9:11:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00339	0.0200	0.00200		mg/L	8/27/2016 6:14:00 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

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Eugene, OR 97401
TEL: (541) 485-8404 FAX: (541) 484-5995
Website:

Accreditation Program Analytes Report

WO#: **1608298**
29-Aug-16

Client: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1608298-001A	W1	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1608298-002A	W3			Lead	A
	1608298-003A	W4			Lead	A
	1608298-004A	W5			Lead	A
	1608298-005A	W8			Lead	A
	1608298-006A	W10			Lead	A
	1608298-007A	W11			Lead	A
	1608298-008A	W15			Lead	A
	1608298-009A	W6			Lead	A

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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

ALG
ANALYTICAL LABORATORY GROUP
Delivering more than just test results

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

Definition Base

WO#: **1608298**
Date: **8/29/2016**

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

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Website:

Analytical Report

Date Reported **8/29/2016**

WO#: 1608447
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/9/2016 2:10:00 PM
Sampler Name Mark Osborn
Matrix: Drinking Water
Sample Type:

Lab ID: 1608447-001 **Client Sample ID** W2 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608447-002 **Client Sample ID** W7 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608447-003 **Client Sample ID** W9 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608447-004 **Client Sample ID** W12 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0135	0.0200	0.00200		mg/L	8/13/2016 7:07:00 PM	KG

Lab ID: 1608447-005 **Client Sample ID** W13 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 4:51:00 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

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Accreditation Program Analytes Report

WO#: **1608447**
29-Aug-16

Client: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1608447-001A	W2	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1608447-002A	W7			Lead	A
	1608447-003A	W9			Lead	A
	1608447-004A	W12			Lead	A
	1608447-005A	W13			Lead	A

ACCRED
ORELAP A Accredited

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

Definition Base

WO#: **1608447**
Date: **8/29/2016**

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

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Definition Base

WO#: **1608447**
Date: **8/29/2016**

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

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August 29, 2016

Randy Reitz
Oregon Water Services, Inc.
30086 Federal Lane
Eugene, OR 97402
TEL: (541) 342-1718
FAX (541) 342-1746

RE: Oakridge Schools #76 Lead Testing Order No.: 1608450

Dear Randy Reitz:

Analytical Laboratory Group received 7 sample(s) on 8/9/2016 for the analyses presented in the following report.

Kimberly J. Reever Morghan

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

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Case Narrative

WO#: **1608450**
Date: **8/29/2016**

CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing

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.

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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.

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Analytical Report

Date Reported **8/29/2016**

WO#: 1608450
CLIENT: Oregon Water Services, Inc.
Project: Oakridge Schools #76 Lead Testing
PWS Number:
Sample Source:

Received Date: 8/9/2016 2:10:00 PM
Sampler Name Mark Osborn
Matrix: Drinking Water
Sample Type:

Lab ID: 1608450-001 **Client Sample ID** H5 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00871	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608450-002 **Client Sample ID** H9 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00667	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608450-003 **Client Sample ID** H17 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608450-004 **Client Sample ID** H18 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608450-005 **Client Sample ID** H25 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00537	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608450-006 **Client Sample ID** H32 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0248	0.0200	0.00400	*	mg/L	8/28/2016 4:51:00 PM	KG

Lab ID: 1608450-007 **Client Sample ID** H44 **Collection Date:** 8/9/2016 8:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00502	0.0200	0.00200		mg/L	8/28/2016 4:51:00 PM	KG

Qualifiers:

*	Value exceeds Maximum Contaminant Level (MCL)
C	Value is below Minimum Compound Limit.
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
A	Accredited by ORELAP
E	Value above quantitation range
LOD	Limit of Detection
NAR	See note in Case Narrative
PL	Permit Limit