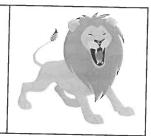


Oakridge School District 76 "Schools and community partnering to prepare students for productive citizenship."

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



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 Reever Morghan

Kimberly J. Reever Morghan

Quality Manager 361 West 5th Ave Eugene, OR 97401



Case Narrative

WO#:

1608293

Date:

Website:

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.

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.



Analytical Report

Date Reported

8/30/2016

Original

Page 3 of 12

WO#:

1608293

MCL Maximum Contaminant Level

ND Not Detected at the Reporting Limit

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	e ID H1				Colle	ction Date: 7/27/2016 7	27.00 43
Analyses	Method	Result	MCL	RL	Oua	l Units	Date Analyzed	Analy
Lead	SM 3113 B	N	D 0.0200	0.0020		mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-002	Client Sample	ID H2				Collec	ction Date: 7/27/2016 7:	39:00 AN
Analyses	Method	Result	MCL	RL	Qua	l Units	Date Analyzed	Analy
Lead	SM 3113 B	0.12	2 0.0200	0.020	00 *	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-003	Client Sample	ID H3				Collec	etion 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	0.0040		mg/L	8/16/2016 10:15:00 AM	KG
Lab ID: 1608293-004	Client Sample	ID H4				Collec	tion Date: 7/27/2016 7:4	11:00 AM
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0101	0.0200	0.0020		mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-005	Client Sample	ID H6				Collect	tion Date: 7/27/2016 7:4	4·00 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				Collect	ion Date: 7/27/2016 7:4	4:00 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				Collecti	ion Date: 7/27/2016 7:4:	5:00 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
ab ID: 1608293-008	Client Sample I	D H10				Collecti	on Date: 7/27/2016 7:45	5:00 AM
nalyses	Method	Result	MCL	RL (Qual		Date Analyzed	Analys
Lead	SM 3113 B	0.00213	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG
C Value is bell H Holding time	eds Maximum Contaminan low Minimum Compound I nes for preparation or analy. Contaminant Level	imit.	A E LO		ove qua	ntitation rar	age	

NAR See note in Case Narrative

PL Permit Limit



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	Climate I To True	
1000293-009	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	0.0040	00 *	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-010	Client Sample I	D H12				Collec	etion 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	0.0020	0	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-011	Client Sample I	D H13				Collec	tion Date: 7/27/2016 7:4	17:00 AM
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.0020	0	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-013	Client Sample II	D H15				Collec	tion Date: 7/27/2016 7:5	0:00 AM
Analyses	Method	Result	MCL	\mathbf{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 II) H16				Collect	ion Date: 7/27/2016 7:5	2:00 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 II	H19				Collect	ion Date: 7/27/2016 7:5.	5:00 AM
Analyses	Method	Result	MCL	RL (Qual		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				Collecti	ion Date: 7/27/2016 7:55	5:00 AM
Analyses	Method	Result I	MCL	RL (Qual		Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/28/2016 6:41:00 AM	KG

Qualifiers:

Α Accredited by ORELAP

Original

Page 4 of 12

Value exceeds Maximum Contaminant Level (MCL)

C Value is below Minimum Compound Limit.

Η Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

ND Not Detected at the Reporting Limit

Value above quantitation range E

LOD Limit of Detection

NAR See note in Case Narrative



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:

Analytical Report

Date Reported

8/30/2016

Page 5 of 12

WO#:

1608293

CLIENT:

Oregon Water Services, Inc.

ND Not Detected at the Reporting Limit

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:

Sample Source:								
Lab ID: 1608293-017	Client Sample	ID H21				Colle	ction Date: 7/27/2016	7:55:00 AM
Analyses	Method	Result	MCL		RL Qua	al Units	Date Analyzed	Analy
Lead	SM 3113 B	N	D 0.0200)	0.00200	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-018	Client Sample	ID H22		-		Colle	ction Date: 7/27/2016	7:58:00 AM
Analyses	Method	Result	MCL		RL Qua	l Units	Date Analyzed	Analy
Lead	SM 3113 B	NI	0.0200)	0.00200	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-019	Client Sample	ID H23				Collec	ction Date: 7/27/2016 8	:00:00 AM
Analyses	Method	Result	MCL		RL Qua		Date Analyzed	Analys
Lead	SM 3113 B	NE	0.0200		0.00200	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-020	Client Sample 1	D H24				Collec	tion Date: 7/27/2016 8	:02:00 AM
Analyses	Method	Result	MCL		RL Qua	l 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 I	D H26				Collec	tion Date: 7/27/2016 7	:47:00 AM
Analyses	Method	Result	MCL		RL Qua	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 I	D H27			-	Collec	tion Date: 7/27/2016 7:	49:00 AM
Analyses	Method	Result	MCL		RL Qual		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 I	D H28		-		Collect	tion 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 II	D H29				Collect	ion 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
C Value is t H Holding t MCL Maximun	ceeds Maximum Contaminant pelow Minimum Compound L imes for preparation or analys in Contaminant Level	imit.			Accredited by O Value above qu Limit of Detect See note in Cas	antitation ra	inge	Original

PL Permit Limit



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			Collec	tion Date: 7/27/2016 7:5	5:00 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

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00387	0.0200	0.0020	00	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-026	Client Sample II	H31				Collec	tion Date: 7/27/2016 7:5	55:00 AM
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0331	0.0200	0.0040	0 *	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-027	Client Sample II	Н33				Collec	tion Date: 7/27/2016 7:5	55:00 AM
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0149	0.0200	0.0020	0	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-028	Client Sample ID	H34	r.			Collect	tion Date: 7/27/2016 7:5	8:00 AM
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0830	0.0200	0.020) *	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-029	Client Sample ID	H37				Collect	ion Date: 7/27/2016 8:0	0:00 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				Collect	ion Date: 7/27/2016 8:02	2:00 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

	3W 31 13 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				Collect	ion Date: 7/27/2016 8:1	8:00 AM
Analyses	Method	Result	MCL	RL Q	ual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00859	0.0200	0.00200	_		0/00/0040 0 44 00 44	

0.0200

0.00859

Qualifiers:

SM 3113 B

mg/L

8/28/2016 6:41:00 AM

0.00200

Original Page 6 of 12

KG

Value exceeds Maximum Contaminant Level (MCL)

 $[\]mathbf{C}$ Value is below Minimum Compound Limit.

Η Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

Not Detected at the Reporting Limit

Accredited by ORELAP

Е Value above quantitation range

LOD Limit of Detection

NAR See note in Case Narrative

PLPermit Limit



Analytical Report

Date Reported

8/30/2016

Page 7 of 12

WO#:

1608293

CLIENT:

Oregon Water Services, Inc.

ND Not Detected at the Reporting Limit

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				Colle	ction Date: 7/27/2016	8:24:00 AM
Analyses	Method	Result	MCL		RL Qu	al Units	Date Analyzed	Analy
Lead	SM 3113 B	0.019	0.0200)	0.00200	mg/L	8/28/2016 6:41:00 AM	
Lab ID: 1608293-033	Client Sample	ID H41				Colle	ction Date: 7/27/2016 8	8:26:00 AM
Analyses	Method	Result	MCL		RL Qu	al Units	Date Analyzed	Analy
Lead	SM 3113 B	0.0030	1 0.0200)	0.00200	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-034	Client Sample 1	D H43				Collec	ction Date: 7/27/2016 8	8:37:00 AM
Analyses	Method	Result	MCL		RL Qu	al Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00486	6 0.0200	-	0.00200	mg/L	8/28/2016 6:41:00 AM	
Lab ID: 1608293-035	Client Sample I	D H45				Collec	tion Date: 7/27/2016 8	3:29:00 AM
Analyses	Method	Result	MCL		RL Qua	l Units	Date Analyzed	Analys
Lead	SM 3113 B	NE	0.0200		0.00200	mg/L	8/28/2016 6:41:00 AM	KG
Lab ID: 1608293-036	Client Sample I	D H46				Collec	tion Date: 7/27/2016 8	:31:00 AM
Analyses	Method	Result	MCL		RL Qua	l 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 I	D H47		-		Collec	tion Date: 7/27/2016 7	:39:00 AM
Analyses	Method	Result	MCL		RL Qua		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 II	D H48				Collect	ion Date: 7/27/2016 7:	53:00 AM
Analyses	Method	Result	MCL		RL Qua	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 II	H49				Collect	ion Date: 7/27/2016 8:	44:00 AM
Analyses	Method	Result	MCL		RL Qua	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200		0.00200	mg/L	8/28/2016 6:41:00 AM	KG
C Value is be H Holding tir MCL Maximum	eds Maximum Contaminant clow Minimum Compound L nes for preparation or analys Contaminant Level	imit.		A E LOD NAR	Accredited by Value above q Limit of Detection Ca	uantitation ra tion	nge	Original
ND Not Detect	ed at the Reporting Limit			DI	D. Service			_

PL Permit Limit



Delivering more t

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

Analytical Report

Date Reported

8/30/2016

WO#: 16

1608293

Oregon Water Services, Inc.

CLIENT: 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:

Qualifiers	٠

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

Original

Page 8 of 12



Website:

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	Stati
ORELAP	1608293-001A	Н1	Drinking Water AA Metals by SM 3113 Schools 250mL	Lead	A
	1608293-002A	H2		Lead	A
	1608293-003A	Н3		Lead	A
	1608293-004A	H4		Lead	A
	1608293-005A	Н6		Lead	Α
	1608293-006A	H7		Lead	A
	1608293-007A	H8		Lead	A
	1608293-008A	H10		Lead	Α
	1608293-009A	H11		Lead	A
	1608293-010A	H12		Lead	Α
	1608293-011A	H13		Lead	Α
	1608293-013A	H15		Lead	A
	1608293-014A	H16		Lead	Α
	1608293-015A	H19		Lead	A
	1608293-016A	H20		Lead	Α
	1608293-017A	H21		Lead	A
	1608293-018A	H22		Lead	A
	1608293-019A	H23		Lead	A
	1608293-020A	H24		Lead	A
	1608293-021A	H26		Lead	Α
	1608293-022A	H27		Lead	A
	1608293-023A	H28		Lead	A
	1608293-024A	H29		Lead	A
	1608293-025A	H30		Lead	Α
	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				Origina	al #1608293# v
•					Page 9 of



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	Α
	1608293-038A	H48			Lead	Α
	1608293-039A	H49			Lead	A



Definition Base

WO#:

1608293

Date:

8/30/2016

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



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



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			_	Colle	ction Date: 7/27/2016 6:	07:00 AM
Analyses	Method	Result	MCL		RL Qua		Date Analyzed	Analy
Lead	SM 3113 B	NI	0.0200)	0.00200	mg/L		
Lab ID: 1608291-002	Client Sample	ID E2				Collec	ction Date: 7/27/2016 6:	09:00 AM
Analyses	Method	Result	MCL		RL Qua		Date Analyzed	Analys
Lead	SM 3113 B	0.00308	5 0.0200		0.00200	mg/L	8/27/2016 12:50:00 PM	PG
Lab ID: 1608291-003	Client Sample	ID E3				Collec	etion Date: 7/27/2016 6:	11:00 AM
Analyses	Method	Result	MCL		RL Qual		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		_		Collec	tion Date: 7/27/2016 6:1	3:00 AM
Analyses	Method	Result	MCL		RL Qual		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				Collec	tion Date: 7/27/2016 6:1	5:00 AM
Analyses	Method	Result	MCL		RL Qual		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 I	D E6				Collect	tion Date: 7/27/2016 6:1	6:00 AM
Analyses	Method	Result	MCL		RL Qual		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 I	D E7				Collect	ion Date: 7/27/2016 6:1	7:00 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 II	D E8		_		Collect	ion Date: 7/27/2016 6:19	9:00 AM
Analyses	Method	Result	MCL		RL Qual		Date Analyzed	Analys
Lead	SM 3113 B	0.00533	0.0200		0.00200	mg/L	8/27/2016 12:50:00 PM	PG
C Value is b H Holding ti MCL Maximum	eeds Maximum Contaminant elow Minimum Compound I mes for preparation or analys Contaminant Level ted at the Reporting Limit	imit.		A E LOD NAR PL		ntitation ra	(Original e 3 of 11



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
	F	-	Concetton Date.	112112010 0.19.00 AIVI

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	EID E12		Collec	etion Date: 7/27/2016 6:2	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		Collec	etion Date: 7/27/2016 6:2	4:00 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		Collec	tion Date: 7/27/2016 6:2	6:00 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		Collec	tion Date: 7/27/2016 6:2	7:00 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		Collec	tion Date: 7/27/2016 6:2'	7:00 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		Collect	ion Date: 7/27/2016 6:29	0:00 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

Value exceeds Maximum Contaminant Level (MCL)

MCL Maximum Contaminant Level

ND Not Detected at the Reporting Limit

PL

NAR See note in Case Narrative Permit Limit

Page 4 of 11

Original

C Value is below Minimum Compound Limit.

Η Holding times for preparation or analysis exceeded

Α Accredited by ORELAP

Value above quantitation range Ε

LOD Limit of Detection



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:

Client Sample I Method SM 3113 B Client Sample I Method	Result 0.0152	MCL 2 0.0200	1	RL 0.00200	Qual	Collect Units	tion Date: 7/27/2016 6:: Date Analyzed	31:00 AN Analy
SM 3113 B Client Sample I	0.0152)		Qual	Units	Date Analyzed	Analy
Client Sample I		2 0.0200)	0.00200				
-	D E21			0,00=0	0	mg/L	8/16/2016 10:15:00 AM	KG
Method				<u> </u>		Collect	ion Date: 7/27/2016 6:3	32:00 AN
	Result	MCL		RL	Qual	Units	Date Analyzed	Analy
SM 3113 B	0.0105	0.0200		0.00200)	mg/L	8/27/2016 12:50:00 PM	PG
Client Sample II	D E22			_		Collect	ion Date: 7/27/2016 6:3	36:00 AN
Method	Result	MCL		RL	Qual	Units	Date Analyzed	Analy
SM 3113 B	0.0357	0.0200		0.00400	*	mg/L	8/27/2016 12:50:00 PM	PG
Client Sample II	D E23					Collecti	ion Date: 7/27/2016 6:3	6:00 AM
Method	Result	MCL		RL (Qual	Units	Date Analyzed	Analy
SM 3113 B	0.0153	0.0200		0.00200		mg/L	8/27/2016 12:50:00 PM	PG
Client Sample II	E24					Collecti	on Date: 7/27/2016 6:3	7:00 AM
Method	Result	MCL		RL (Qual	Units	Date Analyzed	Analy
SM 3113 B	ND	0.0200		0.00200		mg/L	8/27/2016 12:50:00 PM	PG
Client Sample II	E25				_	Collection	on Date: 7/27/2016 6:38	8:00 AM
Method	Result	MCL		RL (Qual	Units	Date Analyzed	Analys
SM 3113 B	0.0125	0.0200		0.00200		mg/L	8/27/2016 12:50:00 PM	PG
Client Sample ID	E26					Collection	on Date: 7/27/2016 6:39	9:00 AM
Method	Result	MCL		RL (Qual	Units	Date Analyzed	Analys
SM 3113 B	0.0106	0.0200		0.00200		mg/L	8/27/2016 12:50:00 PM	PG
Client Sample ID	E27					Collection	on Date: 7/27/2016 6:39	0:00 AM
Method	Result	MCL		RL Q	Qual	Units	Date Analyzed	Analys
SM 3113 B	0.00484	0.0200		0.00200		mg/L	8/27/2016 12:50:00 PM	PG
ow Minimum Compound Lings es for preparation or analysis Contaminant Level	nit.		A E LOD NAR	Value about Limit of D	ove quar Detection n Case 1	ntitation rang n	(Original
	Client Sample II Method SM 3113 B Client Sample II Method SM 3113 B Client Sample III Method SM 3113 B Client Sample ID Method SM 3113 B Client Sample ID Method SM 3113 B	Client Sample ID E23 Method Result SM 3113 B 0.0153 Client Sample ID E24 Method Result SM 3113 B ND Client Sample ID E25 Method Result SM 3113 B 0.0125 Client Sample ID E26 Method Result SM 3113 B 0.0106 Client Sample ID E27 Method Result SM 3113 B 0.00484 ds Maximum Contaminant Level (MCL) ow Minimum Compound Limit, es for preparation or analysis exceeded contaminant Level	Client Sample ID E23 Method Result MCL SM 3113 B 0.0153 0.0200 Client Sample ID E24 Method Result MCL SM 3113 B ND 0.0200 Client Sample ID E25 Method Result MCL SM 3113 B 0.0125 0.0200 Client Sample ID E26 Method Result MCL SM 3113 B 0.0106 0.0200 Client Sample ID E27 Method Result MCL SM 3113 B 0.00484 0.0200 ds Maximum Contaminant Level (MCL) Own Minimum Compound Limit. es for preparation or analysis exceeded Contaminant Level Contaminant Level Contaminant Level	Client Sample ID E23 Method Result MCL SM 3113 B 0.0153 0.0200 Client Sample ID E24 Method Result MCL SM 3113 B ND 0.0200 Client Sample ID E25 Method Result MCL SM 3113 B 0.0125 0.0200 Client Sample ID E26 Method Result MCL SM 3113 B 0.0106 0.0200 Client Sample ID E27 Method Result MCL SM 3113 B 0.00484 0.0200 ds Maximum Contaminant Level (MCL) A cow Minimum Compound Limit. E es for preparation or analysis exceeded NAR	Client Sample ID E23	Client Sample ID E23	Client Sample ID E23 Method Result MCL RL Qual Units SM 3113 B 0.0153 0.0200 0.00200 mg/L Client Sample ID E24 Method Result MCL RL Qual Units SM 3113 B ND 0.0200 0.00200 mg/L Client Sample ID E25 Method Result MCL RL Qual Units SM 3113 B 0.0125 0.0200 0.00200 mg/L Client Sample ID E26 Method Result MCL RL Qual Units SM 3113 B 0.0125 0.0200 0.00200 mg/L Client Sample ID E26 Method Result MCL RL Qual Units SM 3113 B 0.0106 0.0200 0.00200 mg/L Client Sample ID E27 Method Result MCL RL Qual Units SM 3113 B 0.00484 0.0200 0.00200 mg/L ds Maximum Contaminant Level (MCL) A Accredited by ORELAP ow Minimum Compound Limit. Es for preparation or analysis exceeded Contaminant Level (MCL) NAR See note in Case Narrative	Client Sample ID E23 Collection Date: 7/27/2016 6:38 Method Result MCL RL Qual Units Date Analyzed



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	e ID E29		Colle	ction Date: 7/27/2016 6:4	1:00 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	E30		Collec	ction Date: 7/27/2016 6:4	2:00 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		Collec	etion Date: 7/27/2016 6:4	4:00 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		Collec	tion Date: 7/27/2016 6:4	5:00 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		Collec	tion Date: 7/27/2016 6:46	5:00 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		Collec	tion Date: 7/27/2016 6:48	3:00 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		Collect	tion Date: 7/27/2016 6:50	0:00 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

Value exceeds Maximum Contaminant Level (MCL)

MCL Maximum Contaminant Level

ND Not Detected at the Reporting Limit

Permit Limit

PL

NAR See note in Case Narrative

Original Page 6 of 11

C Value is below Minimum Compound Limit.

Н Holding times for preparation or analysis exceeded

Accredited by ORELAP

Value above quantitation range E

LOD Limit of Detection



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

C---- 1 NT

Sampler Name Don Kordosky

Matrix:

Drinking Water

Sample Type:

Lab ID: 1608291-031	Client Sample	e ID E36			Colle	ction Date: 7/27/2016 6:5	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	e ID E37			Colle	ction Date: 7/27/2016 6:5	1:00 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			Collec	etion Date: 7/27/2016 6:5	4:00 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			Collec	tion Date: 7/27/2016 6:5	5:00 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	7.		Collec	tion Date: 7/27/2016 6:34	4:00 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	7	· · · · · · · · · · · · · · · · · · ·	Collect	tion Date: 7/27/2016 6:58	3:00 AM
Analyses	Method	Result	MCL	RL Qual		Date Analyzed	Analys
Lead	SM 3113 B	0.0239	0.0200	0.00400 *	mg/L	8/27/2016 12:50:00 PM	PG

Ou	alifi	ers:

Value exceeds Maximum Contaminant Level (MCL)

ND Not Detected at the Reporting Limit

NAR See note in Case Narrative

PL Permit Limit

Original Page 7 of 11

C Value is below Minimum Compound Limit.

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

A Accredited by ORELAP

E Value above quantitation range

LOD Limit of Detection



Accreditation Program Analytes Report

WO#:

1608291 29-Aug-16

Oregon Water Services, Inc.

Client: Project:

Oakridge Schools #76 Lead Testing

001A E1 002A E2 003A E3	Drinking Water AA Metals by SM 3113 Schools 250mL	Lead	A
003A E3			• •
		Lead	A
0044 E4		Lead	Α
004A E4		Lead	Α
005A E5		Lead	A
006A E6		Lead	A
007A E7		Lead	Α
008A E8		Lead	Α
009A E9		Lead	A
010A E12		Lead	Α
011A E13		Lead	Α
012A E15		Lead	Α
013A E16		Lead	Α
014A E17		Lead	Α
D15A E18		Lead	A
016A E20		Lead	Α
017A E21		Lead	A
018A E22		Lead	Α
)19A E23		Lead	Α
020A E24		Lead	A
021A E25		Lead	A
022A E26		Lead	A
23A E27		Lead	A
24A E 29		Lead	Α
25A E30		Lead	A
26A E31		Lead	A
27A E32		Lead	A
28A E33		Lead	A
29A E34		Lead	A
30A E35		Lead	A
31A E36		Lead	Α
		Original	l #1608291# vl Page 8 of 11



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	Α
	1608291-035A	E41			Lead	Α
	1608291-036A	E42			Lead	A



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) $^{\prime\prime}$

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 Report

Date Reported

8/29/2016

Page 3 of 7

WO#:

1608298

CLIENT:

Oregon Water Services, Inc.

ND Not Detected at the Reporting Limit

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:

Sample Source:								
Lab ID: 1608298-001	Client Sample I	D W1				Colle	ction Date: 7/27/2016	9:11:00 AN
Analyses	Method	Result	MCL		RL Qua	l Units	Date Analyzed	Analy
Lead	SM 3113 B	NI	D 0.0200)	0.00200	mg/L	8/27/2016 6:14:00 PM	PG
Lab ID: 1608298-002	Client Sample I	D W3				Collec	ction Date: 7/27/2016 9	9:15:00 AM
Analyses	Method	Result	MCL		RL Qua	Units	Date Analyzed	Analy
Lead	SM 3113 B	NI	0.0200		0.00200	mg/L	8/27/2016 6:14:00 PM	PG
Lab ID: 1608298-003	Client Sample II	D W4				Collec	ction Date: 7/27/2016 9)·13·00 AN
Analyses	Method	Result	MCL		RL Qual		Date Analyzed	Analy
Lead	SM 3113 B	0.00304	4 0.0200		0.00200	mg/L	8/27/2016 6:14:00 PM	
Lab ID: 1608298-004	Client Sample II) W5				Collec	etion Date: 7/27/2016 9	:17:00 AM
Analyses	Method	Result	MCL		RL Qual	Units	Date Analyzed	Analy
Lead	SM 3113 B	NE	0.0200		0.00200	mg/L	8/27/2016 6:14:00 PM	PG
Lab ID: 1608298-005	Client Sample II	W8				Collec	tion Date: 7/27/2016 9	:18:00 AM
Analyses	Method	Result	MCL		RL Qual	Units	Date Analyzed	Analy
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	<u> </u>			Collec	tion Date: 7/27/2016 9	22:00 AM
Analyses	Method	Result	MCL		RL Qual		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				Collect	tion 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				Collect	ion 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
C Value is be H Holding tir MCL Maximum	eds Maximum Contaminant I clow Minimum Compound Lin nes for preparation or analysis Contaminant Level ed at the Reporting Limit	nit.		A E LOD NAR		antitation ra	inge	Original

PL Permit Limit



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: 1608298-009 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

ND

- Value exceeds Maximum Contaminant Level (MCL)
- C Value is below Minimum Compound Limit.

Not Detected at the Reporting Limit

- Н Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level

- Accredited by ORELAP
- Value above quantitation range Ε
- LOD Limit of Detection
- NAR See note in Case Narrative
- Permit Limit

Original Page 4 of 7



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	Α
	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



Website:

Definition Base

WO#:

1608298

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



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



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	e ID W2			Calla	0/0/2016 0 0		
Analyses	Method	Result	MOL	7. 0		etion Date: 8/9/2016 8:0	0:00 AM	
	TATETHOU	Result	MCL	RL Qua	I Units	Date Analyzed	Analys	
Lead	SM 3113 B	NE	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		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			Collec	tion 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		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			Collect	ion Date: 8/9/2016 8:00	·00 AM	
Analyses	Method	Result	MCL	RL Qual		Date Analyzed	Analys	
Lead	SM 3113 B	ND	0.0200	0.00200	mg/L	8/28/2016 4:51:00 PM	KG	

Ous	difi.	0.2467.0

Value exceeds Maximum Contaminant Level (MCL)

MCL Maximum Contaminant Level

ND Not Detected at the Reporting Limit

Accredited by ORELAP

Ε Value above quantitation range

LOD Limit of Detection

NAR See note in Case Narrative

PLPermit Limit

Original Page 3 of 6

Value is below Minimum Compound Limit. C

Н Holding times for preparation or analysis exceeded



Website:

Accreditation Program Analytes Report

WO#:

1608447 29-Aug-16

Client:

Oregon Water Services, Inc.

Project:

Oakridge Schools #76 Lead Testing

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



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



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
Н	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



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 Reever Morghan

Kimberly J. Keever Morghan

Quality Manager 361 West 5th Ave Eugene, OR 97401



Case Narrative

WO#: Date:

1608450

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.

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.



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	e ID H5		Colle	ection Date: 8/9/2016 8:	20.00.416
Analyses	Method	Result MCL	RL Qua			
Lead	SM 3113 B	0.00871 0.0200				Analys
		0.0200	0.00200	mg/L	8/28/2016 4:51:00 PM	KG
Lab ID: 1608450-002	Client Sample	ID H9		Colle	ction Date: 8/9/2016 8:0	00:00 AM
Analyses	Method	Result MCL	RL Qual		Date Analyzed	Analys
Lead	SM 3113 B	0.00667 0.0200		mg/L	8/28/2016 4:51:00 PM	KG
Lab ID: 1608450-003	Client Sample	ID H17		Collec	ction Date: 8/9/2016 8:0	0:00 AM
Analyses	Method	Result MCL	RL Qual		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		Collec	etion Date: 8/9/2016 8:00	0.00 AM
Analyses	Method	Result MCL	RL Qual		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		Collect	tion Date: 8/9/2016 8:00):00 AM
Analyses	Method	Result MCL	RL Qual		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 1	D H32		Collect	tion Date: 8/9/2016 8:00	:00 AM
Analyses	Method	Result MCL	RL Qual		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 I	D H44		Collecti	ion Date: 8/9/2016 8:00	-00 AM
Analyses	Method	Result MCL	RL Qual		Date Analyzed	Analys
Lead	SM 3113 B	0.00502 0.0200	0.00200	mg/L	8/28/2016 4:51:00 PM	KG

Value exceeds Maximum Contaminant Level (MCL)

Original

C Value is below Minimum Compound Limit.

Η Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

ND Not Detected at the Reporting Limit

A Accredited by ORELAP

Value above quantitation range E

LOD Limit of Detection

NAR See note in Case Narrative PL Permit Limit