



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:

September 20, 2016

Scott Richards  
Sand Ridge  
100 Sand Ridge Ct.  
Lebanon, OR 97355  
TEL: (541) 367-1833  
FAX

RE: First Draw Lead Sodaville

Order No.: 1609448

Dear Scott Richards:

Analytical Laboratory Group received 3 sample(s) on 9/12/2016 for the analyses presented in the following report.

A handwritten signature in black ink that reads 'Kimberly J. Reeve Morghan'.

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



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## Case Narrative

WO#: 1609448

Date: 9/20/2016

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**CLIENT:** Sand Ridge  
**Project:** First Draw Lead Sodaville

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This report presents the results of the analyses of the sample(s) received on the date above and assigned the listed ALG lab report numbers. Test results relate only to the parameters tested and to the samples as received by the laboratory.

This report shall not be reproduced, except in full, without written consent of Analytical Laboratory Group, Inc.

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

All QA/QC requirements were met except as noted below.

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

**WO#:** 1609448  
**CLIENT:** Sand Ridge  
**Project:** First Draw Lead Sodaville  
**PWS Number:**  
**Sample Source:**

**Received Date:** 9/12/2016 2:45:00 PM  
**Sampler Name:** Scott Richards  
**Matrix:** Drinking Water  
**Sample Type:**

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00421	0.0200	0.00200		mg/L	9/17/2016 1:30:00 PM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0113	0.0200	0.00200		mg/L	9/17/2016 1:30:00 PM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00266	0.0200	0.00200		mg/L	9/17/2016 1:30:00 PM	PG

**Qualifiers:**

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



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# Accreditation Program Analytes Report

WO#: 1609448

20-Sep-16

**Client:** Sand Ridge  
**Project:** First Draw Lead Sodaville

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1609448-001A	Water Fountain	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1609448-002A	Staff Rm			Lead	A
	1609448-003A	Kitchen			Lead	A

ORELAP A Accredited

ACCRED

Original #1609448# v1

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Website:

## Definition Base

WO#: 1609448

Date: 9/20/2016

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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

## Definition Base

WO#: 1609448  
Date: 9/20/2016

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### 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

CO

# Analytical Laboratory Group, Inc.

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 Email: [alglabs@alglabsinc.com](mailto:alglabs@alglabsinc.com)



ANALYTICAL LABORATORY GROUP

NPUC

## CHAIN OF CUSTODY

Attention: <b>Scott Richards</b>	Client: <i>Sand Ridge - Sodaville</i>
Phone: <b>(541) 367-1833</b>	Address <i>30581 Sodaville Mtn Hm Road</i>
Email: <u><a href="mailto:srichards@piecharters.org">srichards@piecharters.org</a></u>	City, State, Zip <i>Lebanon, OR 97355</i>
Client Project: <b>First Draw Lead</b> <i>Sodaville</i>	Sampler: Print <i>Scott Richards</i> Sampler: Signature <i>[Signature]</i>

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles - Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
<i>1. Water Fountain</i>	<i>DW/Grab</i>	<i>9/8/16</i>	<i>730am</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>001A</i>
<i>2. Staff Rm</i>	<i>DW/Grab</i>	<i>9/8/16</i>	<i>732am</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>002A</i>
<i>3. Kitchen</i>	<i>DW/Grab</i>	<i>9/8/16</i>	<i>735am</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>003A</i>

Notes:	Preservation Check				
	Lab ID	Date/Time	Pre-Preserved	pH	Tech

Turn Around Time Requested (Rush incurs a Surcharge): <input checked="" type="checkbox"/> <b>NORMAL</b> <input type="checkbox"/> <b>RUSH</b>	Shipped Via: <i>ALG Courier</i>	Refrigerated: <i>NA</i>
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Relinquished by: <i>[Signature]</i>	Date: <i>9/12/16</i>	Time: <i>12:24</i>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	<i>[Signature]</i>	<i>9/12/16</i>	<i>1224</i>
Relinquished by: <i>[Signature]</i>	Date: <i>9/12/16</i>	Time: <i>1445</i>	Received by Laboratory:	Date: <i>9/12/16</i>	Time: <i>1445</i>