



*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:

August 24, 2016

Chelle Robins  
Four Rivers Community School  
2449 SW 4th Ave.  
Ontario, OR 97914  
TEL: (541) 889-3715  
FAX

RE: Four Rivers Community School Lead Testin

Order No.: 1608156

Dear Chelle Robins:

Analytical Laboratory Group received 18 sample(s) on 8/3/2016 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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Website:

## Case Narrative

WO#: 1608156

Date: 8/24/2016

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**CLIENT:** Four Rivers Community School  
**Project:** Four Rivers Community School Lead Testing

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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#:** 1608156  
**CLIENT:** Four Rivers Community School  
**Project:** Four Rivers Community School Lead Testing  
**PWS Number:**  
**Sample Source:**

**Received Date:** 8/3/2016 1:30:00 PM  
**Sampler Name:** Chelle Robins  
**Matrix:** Drinking Water  
**Sample Type:**

**Lab ID:** 1608156-001      **Client Sample ID** Prep Girls RR S Sink      **Collection Date:** 7/29/2016 8:25:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-002      **Client Sample ID** Prep Girls RR N Sink      **Collection Date:** 7/29/2016 8:25:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-003      **Client Sample ID** Prep Boys RR N Sink      **Collection Date:** 7/29/2016 8:27:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-004      **Client Sample ID** Prep Boys RR S Sink      **Collection Date:** 7/29/2016 8:27:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-005      **Client Sample ID** FEC Boys RR E Sink      **Collection Date:** 7/29/2016 8:30:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-006      **Client Sample ID** FEC Boys RR Sink Middle      **Collection Date:** 7/29/2016 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	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-007      **Client Sample ID** FEC Boys RR Sink West      **Collection Date:** 7/29/2016 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	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-008      **Client Sample ID** FEC Girls RR Sink N      **Collection Date:** 7/29/2016 8:33:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 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

**WO#:** 1608156  
**CLIENT:** Four Rivers Community School  
**Project:** Four Rivers Community School Lead Testing  
**PWS Number:**  
**Sample Source:**

**Received Date:** 8/3/2016 1:30:00 PM  
**Sampler Name:** Chelle Robins  
**Matrix:** Drinking Water  
**Sample Type:**

**Lab ID:** 1608156-009      **Client Sample ID:** FEC Girls RR Sink Middle      **Collection Date:** 7/29/2016 8:33:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-010      **Client Sample ID:** FEC Girls RR Sink S      **Collection Date:** 7/29/2016 8:34:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-011      **Client Sample ID:** FEC Fountain      **Collection Date:** 7/29/2016 8:35:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-012      **Client Sample ID:** FEC Fountain ADA      **Collection Date:** 7/29/2016 8:35:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-013      **Client Sample ID:** FEC Boys Lockerroom      **Collection Date:** 7/29/2016 8:38:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-014      **Client Sample ID:** FEC Girls Lockerroom      **Collection Date:** 7/29/2016 8:39:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-015      **Client Sample ID:** Faculty Room Sink      **Collection Date:** 7/29/2016 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	8/23/2016 7:53:00 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

**WO#:** 1608156  
**CLIENT:** Four Rivers Community School  
**Project:** Four Rivers Community School Lead Testing  
**PWS Number:**  
**Sample Source:**

**Received Date:** 8/3/2016 1:30:00 PM  
**Sampler Name:** Chelle Robins  
**Matrix:** Drinking Water  
**Sample Type:**

**Lab ID:** 1608156-016      **Client Sample ID:** Kinder sink      **Collection Date:** 7/29/2016 8:48:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-017      **Client Sample ID:** 1st Spanish Sink      **Collection Date:** 7/29/2016 8:49:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 AM	KG

**Lab ID:** 1608156-018      **Client Sample ID:** 2/3 English Sink      **Collection Date:** 7/29/2016 8:51:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/23/2016 7:53:00 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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 TEL: (541) 485-8404 FAX: (541) 484-5995  
 Website:

**Accreditation Program  
 Analytes Report**

WO#: 1608156  
 24-Aug-16

**Client:** Four Rivers Community School  
**Project:** Four Rivers Community School Lead Te

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1608156-001A	Prep Girls RR S Sink	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1608156-002A	Prep Girls RR N Sink			Lead	A
	1608156-003A	Prep Boys RR N Sink			Lead	A
	1608156-004A	Prep Boys RR S Sink			Lead	A
	1608156-005A	FEC Boys RR E Sink			Lead	A
	1608156-006A	FEC Boys RR Sink Middle			Lead	A
	1608156-007A	FEC Boys RR Sink West			Lead	A
	1608156-008A	FEC Girls RR Sink N			Lead	A
	1608156-009A	FEC Girls RR Sink Middle			Lead	A
	1608156-010A	FEC Girls RR Sink S			Lead	A
	1608156-011A	FEC Fountain			Lead	A
	1608156-012A	FEC Fountain ADA			Lead	A
	1608156-013A	FEC Boys Lockerroom			Lead	A
	1608156-014A	FEC Girls Lockerroom			Lead	A
	1608156-015A	Faculty Room Sink			Lead	A
	1608156-016A	Kinder sink			Lead	A
	1608156-017A	1st Spanish Sink			Lead	A
	1608156-018A	2/3 English Sink			Lead	A

ORELAP A Accredited

ACCRED



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## Definition Base

WO#: 1608156

Date: 8/24/2016

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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#: 1608156  
Date: 8/24/2016

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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



SAM

# Analytical Laboratory Group, Inc.

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 EUGENE, OREGON 97401  
 800-262-5973/541-485-8404 Fax 541-484-5995  
 Email: [alglabs@alglabsinc.com](mailto:alglabs@alglabsinc.com)



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## CHAIN OF CUSTODY

Attention: <b>Chelle Robins</b>		Client: <b>Four Rivers Community School</b>	
Phone: <b>541-889-3715</b>		Address: <b>2449 SW 4th Avenue</b>	
Email: <i>chelle@4riverscs.org</i>		City, State, Zip: <b>Ontario, OR 97914</b>	
Client: <i>Four Rivers Cmty Sch</i>		Sampler: Print <i>Chelle Robins</i>	Sampler: Signature <i>Chelle Robins</i>
Project: <i>Lead Testing</i>			

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles - Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
<i>Prep Girls RR S Sink 29</i>	<i>DW/Grab</i>	<i>7/29/16</i>	<i>8:25am</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>001A</i>
<i>Prep Girls RR N Sink 30</i>	<i>DW/Grab</i>	<i>7/29/16</i>	<i>8:25am</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>002A</i>
<i>Prep Boys RR Sink N 31</i>	<i>DW/Grab</i>		<i>8:27</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>003A</i>
<i>Prep Boys RR Sink S 32</i>	<i>DW/Grab</i>		<i>8:27</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>004A</i>
<i>FEC Boys RR Sink E 33</i>	<i>DW/Grab</i>		<i>8:30</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>005A</i>
<i>FEC Boys RR Sink Middle 34</i>	<i>DW/Grab</i>		<i>8:31</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>006A</i>
<i>FEC Boys RR Sink West 35</i>	<i>DW/Grab</i>		<i>8:31</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>007A</i>
<i>FEC Girls RR Sink N 36</i>	<i>DW/Grab</i>		<i>8:33</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>008A</i>
<i>FEC Girls RR Sink Middle 37</i>	<i>DW/Grab</i>		<i>8:33</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>009A</i>
<i>FEC Girls RR Sink S 38</i>	<i>DW/Grab</i>		<i>8:34</i>	<i>Lead</i>	<i>P</i>	<i>1</i>			<i>010A</i>

Notes:	<b>Preservation Check</b>				
	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>USPS</i>		Refrigerated <i>no</i>	
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
			<i>[Signature]</i>	<i>8/3/16</i>	<i>1330</i>

SATA

# Analytical Laboratory Group, Inc.

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



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## CHAIN OF CUSTODY

Attention: <b>Chelle Robins</b>	Client: <b>Four Rivers Community School</b>
Phone: <b>541-889-3715</b>	Address: <b>2449 SW 4th Avenue</b>
Email: <b>chelle@4riverscs.org</b>	City, State, Zip: <b>Ontario, OR 97914</b>
Client <b>Four Rivers Cmty Sch</b> Project: <b>Lead Testing</b>	Sampler: Print <b>Chelle Robins</b> Sampler: Signature <i>Chelle Robins</i>

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles -Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
FEC Fountain 39	DW/Grab	7/29/16	8:35	Lead	P	1			00011A
FEC Fountain ADA 40	DW/Grab		8:35	Lead	P	1			012A
FEC BOYS Lockerroom 41	DW/Grab		8:36	Lead	P	1			013A
FEC Girls Lockerroom 42	DW/Grab		8:39	Lead	P	1			014A
Faculty Rm Sink 43	DW/Grab		8:44	Lead	P	1			015A
Kinder Sink 44	DW/Grab		8:48	Lead	P	1			016A
1st Spanish Sink 45	DW/Grab		8:49	Lead	P	1			017A
2/3 English Sink 46	DW/Grab		8:51	Lead	P	1			018A
	DW/Grab			Lead	P	1			
	DW/Grab			Lead	P	1			

4  
01514

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

Turn Around Time Requested (Rush incurs a Surcharge): <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> RUSH	Shipped Via: <b>USPS</b>	Refrigerated <b>NO</b>
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Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
			<i>[Signature]</i>	8/3/16	1330