



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

September 19, 2016

Doug Pigman  
Greater Albany Public Schools  
3610 Grand Prairie  
Albany, OR 97322  
TEL: (541) 967-4513  
FAX

RE: Lafayette Round 2

Order No.: 1609415

Dear Doug Pigman:

Analytical Laboratory Group received 18 sample(s) on 9/9/2016 for the analyses presented in the following report.

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



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Website:

## Case Narrative

WO#: 1609415  
Date: 9/19/2016

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**CLIENT:** Greater Albany Public Schools  
**Project:** Lafayette Round 2

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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#:** 1609415  
**CLIENT:** Greater Albany Public Schools  
**Project:** Lafayette Round 2  
**PWS Number:**  
**Sample Source:**

**Received Date:** 9/9/2016 3:20:00 PM  
**Sampler Name:** Jessica Dilbone  
**Matrix:** Drinking Water  
**Sample Type:**

**Lab ID:** 1609415-001      **Client Sample ID:** Rm 1 SDF      **Collection Date:** 9/8/2016 7:00:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0129	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

**Lab ID:** 1609415-002      **Client Sample ID:** Rm 2 SDF      **Collection Date:** 9/8/2016 7:01:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00373	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

**Lab ID:** 1609415-003      **Client Sample ID:** Rm 4 SDF      **Collection Date:** 9/8/2016 7:05:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0207	0.0200	0.00400	*	mg/L	9/18/2016 8:32:00 AM	PG

**Lab ID:** 1609415-004      **Client Sample ID:** Rm 5 SDF      **Collection Date:** 9/8/2016 6:57:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00243	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

**Lab ID:** 1609415-005      **Client Sample ID:** Rm 6 SDF      **Collection Date:** 9/8/2016 6:56:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

**Lab ID:** 1609415-006      **Client Sample ID:** Rm 7 SDF      **Collection Date:** 9/8/2016 7:15:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00595	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

**Lab ID:** 1609415-007      **Client Sample ID:** Rm 8 SDF      **Collection Date:** 9/8/2016 7:16:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00306	0.0200	0.00200		mg/L	9/14/2016 3:26:00 PM	PG

**Lab ID:** 1609415-008      **Client Sample ID:** Rm 9 SDF      **Collection Date:** 9/8/2016 7:18:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00495	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	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

**WO#:** 1609415  
**CLIENT:** Greater Albany Public Schools  
**Project:** Lafayette Round 2  
**PWS Number:**  
**Sample Source:**

**Received Date:** 9/9/2016 3:20:00 PM  
**Sampler Name:** Jessica Dilbone  
**Matrix:** Drinking Water  
**Sample Type:**

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609415-009	Rm 10 SDF			9/8/2016 7:19:00 AM				
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609415-010	Rm 11 SDF			9/8/2016 7:12:00 AM				
Lead	SM 3113 B	0.00310	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609415-011	Rm 12 SDF			9/8/2016 7:10:00 AM				
Lead	SM 3113 B	0.00487	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609415-012	Rm 13 SDF			9/8/2016 7:25:00 AM				
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609415-013	Rm 14 SDF			9/8/2016 7:27:00 AM				
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609415-014	Rm 15 SDF			9/8/2016 7:28:00 AM				
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
1609415-015	Rm 16 SDF			9/8/2016 7:29:00 AM				
Lead	SM 3113 B	0.00468	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	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

**WO#:** 1609415  
**CLIENT:** Greater Albany Public Schools  
**Project:** Lafayette Round 2  
**PWS Number:**  
**Sample Source:**

**Received Date:** 9/9/2016 3:20:00 PM  
**Sampler Name:** Jessica Dilbone  
**Matrix:** Drinking Water  
**Sample Type:**

Lab ID:	Client Sample ID	Rm 17 SDF		Collection Date: 9/8/2016 7:23:00 AM				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID	Rm 18 SDF		Collection Date: 9/8/2016 7:22:00 AM				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00859	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID	Resource Rm SDF		Collection Date: 9/8/2016 7:08:00 AM				
Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00291	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	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#: 1609415  
 19-Sep-16

**Client:** Greater Albany Public Schools  
**Project:** Lafayette Round 2

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1609415-001A	Rm 1 SDF	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1609415-002A	Rm 2 SDF			Lead	A
	1609415-003A	Rm 4 SDF			Lead	A
	1609415-004A	Rm 5 SDF			Lead	A
	1609415-005A	Rm 6 SDF			Lead	A
	1609415-006A	Rm 7 SDF			Lead	A
	1609415-007A	Rm 8 SDF			Lead	A
	1609415-008A	Rm 9 SDF			Lead	A
	1609415-009A	Rm 10 SDF			Lead	A
	1609415-010A	Rm 11 SDF			Lead	A
	1609415-011A	Rm 12 SDF			Lead	A
	1609415-012A	Rm 13 SDF			Lead	A
	1609415-013A	Rm 14 SDF			Lead	A
	1609415-014A	Rm 15 SDF			Lead	A
	1609415-015A	Rm 16 SDF			Lead	A
	1609415-016A	Rm 17 SDF			Lead	A
	1609415-017A	Rm 18 SDF			Lead	A
	1609415-018A	Resource Rm SDF			Lead	A



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## Definition Base

WO#: 1609415

Date: 9/19/2016

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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#: 1609415  
Date: 9/19/2016

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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



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



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## CHAIN OF CUSTODY

NPUC

Attention: <u>Doug Pigman</u>	Client: <u>Greater Albany Public Schools</u>
Phone: <u>541/967-4513</u>	Address: <u>3610 Grand Prairie</u>
Email: <u>doug.pigman@alglabsinc.com</u>	City, State, Zip: <u>Albany, OR 97322</u>
Client Project: <u>Lafayette Round 2</u>	Sampler: Print <u>Jessica Dillbone</u> Sampler: Signature <u>Jessica Dillbone</u>

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles - Lab Use Only				
		Date	Time		Type	#	Pres	T °C	Lab ID
Rm 1 SDF	DW/Grab	9-8-16	7:00a	Lead	P	1			001A
Rm 2 SDF	DW/Grab	9-8	7:01a	Lead	P	1			002A
	<del>DW/Grab</del>			Lead	P	1			
Rm 4 SDF	DW/Grab	9-8	7:05a	Lead	P	1			003A
Rm 5 SDF	DW/Grab	9-8	6:57a	Lead	P	1			004A
Rm 6 SDF	DW/Grab	9-8	6:56a	Lead	P	1			005A
Rm 7 SDF	DW/Grab	9-8	7:15a	Lead	P	1			006A
Rm 8 SDF	DW/Grab	9-8	7:16a	Lead	P	1			007A
Rm 9 SDF	DW/Grab	9-8	7:18a	Lead	P	1			008A
Rm 10 SDF	DW/Grab	9-8	7:19a	Lead	P	1			009A

Notes:

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

Turn Around Time Requested (Rush incurs a Surcharge):  
 NORMAL  RUSH

Shipped Via: ALG courier Refrigerated: NA

Relinquished by: <u>Kami Carnell</u>	Date	Time	Received by: <u>[Signature]</u>	Date	Time
	9/9/16	1:00P		9/9/16	1:30
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: <u>[Signature]</u>	Date	Time	Received by Laboratory: <u>[Signature]</u>	Date	Time
	9/9/16	1520		9/9/16	1520

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## CHAIN OF CUSTODY

Attention: <u>Doug Pigman</u>	Client: <u>Greater Albany Public Schools</u>
Phone: <u>541/967-4513</u>	Address: <u>3610 Grand Prairie</u>
Email: <u>doug.pigman@alglabsinc.com</u>	City, State, Zip: <u>Albany, OR 97322</u>
Client Project: <u>Lafayette Round 2</u>	Sampler: Print <u>Jessica Dilbone</u>
	Sampler: Signature <u>Jessica Dilbone</u>

Client ID	Sample Matrix & Grab/Comp	Collection		Analysis Requested	Bottles -Lab Use Only					
		Date	Time		Type	#	Pres	T °C	Lab ID	
Rm 11 SDF	DW/Grab	9-8-16	7:12a	Lead	P	1			011A	010A
Rm 12 SDF	DW/Grab	9-8	7:10a	Lead	P	1			012A	011A
Rm 13 SDF	DW/Grab	9-8	7:25a	Lead	P	1			013A	012A
Rm 14 SDF	DW/Grab	9-8	7:27a	Lead	P	1			014A	013A
Rm 15 SDF	DW/Grab	9-8	7:28a	Lead	P	1			015A	014A
Rm 16 SDF	DW/Grab	9-8	7:29a	Lead	P	1			016A	015A
Rm 17 SDF	DW/Grab	9-8	7:23a	Lead	P	1			017A	016A
Rm 18 SDF	DW/Grab	9-8	7:22a	Lead	P	1			018A	017A
Resource Rm SDF	DW/Grab	9-8	7:08a	Lead	P	1			019A	018A
	DW/Grab			Lead	P	1				

010A  
011A  
012A  
013A  
014A  
015A  
016A  
017A  
018A  
019A  
9/9/16

Notes:

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

Turn Around Time Requested (Rush incurs a Surcharge): <input type="checkbox"/> NORMAL <input checked="" type="checkbox"/> RUSH	Shipped Via: <u>ALG Courier</u>	Refrigerated: <u>NA</u>
Relinquished by: <u>Kari O'Connell</u> Date: <u>9/9/16</u> Time: <u> </u>	Received by: <u>[Signature]</u> Date: <u>9/9/16</u> Time: <u>1300</u>	Date: <u>9/9/16</u> Time: <u>1520</u>
Relinquished by: <u>[Signature]</u> Date: <u>9/9/16</u> Time: <u>1520</u>	Received by Laboratory: <u>[Signature]</u> Date: <u>9/9/16</u> Time: <u>1520</u>	Date: <u>9/9/16</u> Time: <u>1520</u>