



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: Periwinkle Round 2

Order No.: 1609412

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



*Delivering more than
just test results*

ALG ORELAP ID #OR100012

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

Website:

Case Narrative

WO#: **1609412**

Date: **9/19/2016**

CLIENT: Greater Albany Public Schools

Project: Periwinkle Round 2

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#: 1609412
CLIENT: Greater Albany Public Schools
Project: Periwinkle 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:			
1609412-001	Rm 7 SDF			9/6/2016 3:21:00 PM			
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			Collection Date:			
1609412-002	Rm 8 SDF			9/6/2016 3:24:00 PM			
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			Collection Date:			
1609412-003	Rm 5 SDF			9/6/2016 3:27:00 PM			
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			Collection Date:			
1609412-004	Rm 6 SDF			9/6/2016 3:22:00 PM			
Analyses	Method	Result	MCL	RL Qual Units	Date Analyzed	Analys	
Lead	SM 3113 B	0.00252	0.0200	0.00200	mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:			
1609412-005	Rm 3 SDF			9/6/2016 3:28:00 PM			
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			Collection Date:			
1609412-006	Rm 4 SDF			9/6/2016 3:25:00 PM			
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			Collection Date:			
1609412-007	Rm 1 SDF			9/6/2016 3:30:00 PM			
Analyses	Method	Result	MCL	RL Qual Units	Date Analyzed	Analys	
Lead	SM 3113 B	0.00335	0.0200	0.00200	mg/L	9/18/2016 8:32:00 AM	PG

Lab ID:	Client Sample ID			Collection Date:			
1609412-008	Rm 2 SDF			9/6/2016 3:31:00 PM			
Analyses	Method	Result	MCL	RL Qual Units	Date Analyzed	Analys	
Lead	SM 3113 B	0.00299	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#: 1609412
CLIENT: Greater Albany Public Schools
Project: Periwinkle 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: 1609412-009 **Client Sample ID:** Kitchen Middle Faucet **Collection Date:** 9/6/2016 3:33:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00402	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID: 1609412-010 **Client Sample ID:** Music Comp Faucet **Collection Date:** 9/6/2016 3:34:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0105	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID: 1609412-011 **Client Sample ID:** Rm 15 SDF **Collection Date:** 9/6/2016 3:36:00 PM

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: 1609412-012 **Client Sample ID:** Rm 16 SDF **Collection Date:** 9/6/2016 3:37:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00244	0.0200	0.00200		mg/L	9/18/2016 8:32:00 AM	PG

Lab ID: 1609412-013 **Client Sample ID:** Rm 13 Faucet **Collection Date:** 9/6/2016 3:39:00 PM

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: 1609412-014 **Client Sample ID:** Rm 14 SDF **Collection Date:** 9/6/2016 3:39:00 PM

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: 1609412-015 **Client Sample ID:** Rm 11 SDF **Collection Date:** 9/6/2016 3:40:00 PM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00268	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



ALG ORELAP ID #OR100012
 361 West 5th Ave
 Eugene, OR 97401
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Analytical Report

Date Reported 9/19/2016

WO#: 1609412
CLIENT: Greater Albany Public Schools
Project: Periwinkle 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 12 SDF		Collection Date: 9/6/2016 3:41:00 PM				
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 9 SDF		Collection Date: 9/6/2016 3:42:00 PM				
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 10 Faucet		Collection Date: 9/6/2016 3:43:00 PM				
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

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#: 1609412
 19-Sep-16

Client: Greater Albany Public Schools
Project: Periwinkle Round 2

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1609412-001A	Rm 7 SDF	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1609412-002A	Rm 8 SDF			Lead	A
	1609412-003A	Rm 5 SDF			Lead	A
	1609412-004A	Rm 6 SDF			Lead	A
	1609412-005A	Rm 3 SDF			Lead	A
	1609412-006A	Rm 4 SDF			Lead	A
	1609412-007A	Rm 1 SDF			Lead	A
	1609412-008A	Rm 2 SDF			Lead	A
	1609412-009A	Kitchen Middle Faucet			Lead	A
	1609412-010A	Music Comp Faucet			Lead	A
	1609412-011A	Rm 15 SDF			Lead	A
	1609412-012A	Rm 16 SDF			Lead	A
	1609412-013A	Rm 13 Faucet			Lead	A
	1609412-014A	Rm 14 SDF			Lead	A
	1609412-015A	Rm 11 SDF			Lead	A
	1609412-016A	Rm 12 SDF			Lead	A
	1609412-017A	Rm 9 SDF			Lead	A
	1609412-018A	Rm 10 Faucet			Lead	A

ORELAP A Accredited

ACCRED



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Website:

Definition Base

WO#: 1609412

Date: 9/19/2016

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#: 1609412
Date: 9/19/2016

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 Laboratory Group, Inc.

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800-262-5973/541-485-8404 Fax 541-484-5995

Email: alglabs@alglabsinc.com



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CHAIN OF CUSTODY

NPUC

Attention: <u>Doug Pigman</u>	Client: <u>Greater Albany Public Sch.</u>
Phone: <u>541/967-4513</u>	Address: <u>3610 Grand Prairie</u>
Email: <u>doug.pigman@alglabs.com</u>	City, State, Zip: <u>Albany, OR 97322</u>
Client Project: <u>Periwinkle Round 2</u>	Sampler: <u>Print Jessica Dilbone</u>
	Sampler: <u>Signature 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 7 SDF	DW/Grab	9-6-16	3:21p	Lead	P	1			001A
Rm 8 SDF	DW/Grab	9-6	3:24p	Lead	P	1			002A
Rm 5 SDF	DW/Grab	9-6	3:27p	Lead	P	1			003A
Rm 6 SDF	DW/Grab	9-6	3:22p	Lead	P	1			004A
Rm 3 SDF	DW/Grab	9-6	3:28p	Lead	P	1			005A
Rm 4 SDF	DW/Grab	9-6	3:25p	Lead	P	1			006A
Rm 1 SDF	DW/Grab	9-6	3:30p	Lead	P	1			007A
Rm 2 SDF	DW/Grab	9-6	3:31p	Lead	P	1			008A
Kitchen Middle Faucet	DW/Grab	9-6	3:33p	Lead	P	1			009A
Music/Comp. Faucet	DW/Grab	9-6	3:34p	Lead	P	1			010A

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

Arrival 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>
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Relinquished by: <u>Keri O'Connell</u>	Date <u>9/9/16</u>	Time <u>1:00P</u>	Received by: <u>[Signature]</u>	Date <u>9/9/16</u>	Time <u>1:30</u>
	Date 	Time 		Date 	Time
Relinquished by: 	Date 	Time 	Received by Laboratory: 	Date 	Time
<u>[Signature]</u>	<u>9/9/16</u>	<u>1:520</u>	<u>[Signature]</u>	<u>9/9/16</u>	<u>1:520</u>

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CHAIN OF CUSTODY

Attention: <u>Doug Pigman</u>	Client: Greater Albany Public Schools
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>Periwinkle Round 2</u>	Sampler: <u>Print Jessica Dilbone</u>
	Sampler: <u>Signature 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 15 SDF	DW/Grab	9-6-16	3:36p	Lead	P	1			011A
Rm 16 SDF	DW/Grab	9-6	3:37p	Lead	P	1			012A
Rm 13 Faucet	DW/Grab	9-6	3:39p	Lead	P	1			013A
Rm 14 SDF	DW/Grab	9-6	3:39p	Lead	P	1			014A
Rm 11 SDF	DW/Grab	9-6	3:40p	Lead	P	1			015A
Rm 12 SDF	DW/Grab	9-6	3:41p	Lead	P	1			016A
Rm 9 SDF	DW/Grab	9-6	3:42p	Lead	P	1			017A
Rm 10 Faucet	DW/Grab	9-6	3:43p	Lead	P	1			018A
	DW/Grab			Lead	P	1			
	DW/Grab			Lead	P	1			

Notes:

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

Arrive 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 Oannell</u> Date: <u>9/9/16</u> Time: <u>11:00P</u>	Received by: <u>[Signature]</u> Date: <u>9/9/16</u> Time: <u>1:30P</u>	
Relinquished by: <u>[Signature]</u> Date: <u>9/9/16</u> Time: <u>1:52P</u>	Received by Laboratory: <u>[Signature]</u> Date: <u>9/9/16</u> Time: <u>1:52P</u>	