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

October 10, 2016

Tom Dentel
Harrisburg School District #7
P O Box 208
Harrisburg, OR 97446
TEL:
FAX

RE: Lead in Water Order No.: 1610286

Dear Tom Dentel:

Analytical Laboratory Group received 20 sample(s) on 10/7/2016 for the analyses presented in the following report.

The analysis was performed according to our laboratory's NELAP/TNI-approved quality assurance program. Any exceptions to this quality assurance program are noted on the case narrative.

Testing methods used are sufficiently sensitive enough to meet the requirements that support client/permittee NPDES permits that we have on file. The client is responsible for reviewing reports. The permittee is responsible for meeting permit limits.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative. Analytical results designated with a "J" qualifier are estimated and represent a detection above the Method Detection Limit (MDL or LOD) and less than the Reporting Limit (PQL or RL). These analytes are not reviewed nor narrated as to whether they are laboratory artifacts.

Quality control data is within laboratory defined or method specified acceptance limits except if noted on the case narrative.

If you have any questions regarding these tests results, please feel free to call.

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

CC:
Bryan Starr
Megan Collett
Pam Strutz

ALG ANALYTICAL LABORATORY GROUP
Delivering more than just test results

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Eugene, OR 97401
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Case Narrative

WO#: **1610286**
Date: **10/10/2016**

CLIENT: Harrisburg School District #7
Project: Lead in Water

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.

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.

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Analytical Report

Date Reported **10/10/2016**

WO#: 1610286
CLIENT: Harrisburg School District #7
Project: Lead in Water
PWS Number:
Sample Source:

Received Date: 10/7/2016 12:15:00 PM
Sampler Name Tom Dentel
Matrix: Drinking Water
Sample Type:

Lab ID: 1610286-001 **Client Sample ID** HHS 1 Health Rm Sink **Collection Date:** 10/7/2016 10:15:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00948	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-002 **Client Sample ID** HHS 2 Science Staff S **Collection Date:** 10/7/2016 10:27:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00246	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-003 **Client Sample ID** HHS 3 Shop Hall D/F **Collection Date:** 10/7/2016 10:34:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00677	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-004 **Client Sample ID** HHS 4 Alt School D/F **Collection Date:** 10/7/2016 10:44:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00769	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-005 **Client Sample ID** HHS 5 8 C/R Hall D/F **Collection Date:** 10/7/2016 10:30:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-006 **Client Sample ID** HHS 6 Library D/F **Collection Date:** 10/7/2016 10:23:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0196	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-007 **Client Sample ID** HHS 7 Home Ec Lab N **Collection Date:** 10/7/2016 10:19:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-008 **Client Sample ID** HHS 8 Kitchen Sink **Collection Date:** 10/7/2016 10:04:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00657	0.0200	0.00200		mg/L	10/9/2016 10:08:00 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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Analytical Report

Date Reported **10/10/2016**

WO#: 1610286
CLIENT: Harrisburg School District #7
Project: Lead in Water
PWS Number:
Sample Source:

Received Date: 10/7/2016 12:15:00 PM
Sampler Name Tom Dentel
Matrix: Drinking Water
Sample Type:

Lab ID: 1610286-009 **Client Sample ID** HHS 8 Hall D/F **Collection Date:** 10/7/2016 10:01:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-010 **Client Sample ID** HHS 8 Boys L/R D/F **Collection Date:** 10/7/2016 10:08:00 A

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00374	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-011 **Client Sample ID** HES 1 Rm 1 D/F **Collection Date:** 10/7/2016 9:26:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00326	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-012 **Client Sample ID** HES 1 Hall D/F **Collection Date:** 10/7/2016 9:28:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-013 **Client Sample ID** HES 1 Rm 14 D/F **Collection Date:** 10/7/2016 9:23:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0130	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-014 **Client Sample ID** HES 2 Kitchen S **Collection Date:** 10/7/2016 9:15:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00391	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-015 **Client Sample ID** HES 2 Hall D/F **Collection Date:** 10/7/2016 9:19:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 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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Analytical Report

Date Reported **10/10/2016**

WO#: 1610286
CLIENT: Harrisburg School District #7
Project: Lead in Water
PWS Number:
Sample Source:

Received Date: 10/7/2016 12:15:00 PM
Sampler Name Tom Dentel
Matrix: Drinking Water
Sample Type:

Lab ID: 1610286-016 **Client Sample ID** HMS 3 Hall D/F **Collection Date:** 10/7/2016 9:34:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-017 **Client Sample ID** HMS 3 Lobby D/F **Collection Date:** 10/7/2016 9:32:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-018 **Client Sample ID** HMS 4 Hall D/F **Collection Date:** 10/7/2016 9:41:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-019 **Client Sample ID** HMS 5 Hall D/F **Collection Date:** 10/7/2016 9:44:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00469	0.0200	0.00200		mg/L	10/9/2016 10:08:00 AM	KG

Lab ID: 1610286-020 **Client Sample ID** HMS 7 Hall D/F **Collection Date:** 10/7/2016 9:38:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	10/9/2016 10:08:00 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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Accreditation Program Analytes Report

WO#: **1610286**
10-Oct-16

Client: Harrisburg School District #7
Project: Lead in Water

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1610286-001A	HHS 1 Health Rm Sink	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1610286-002A	HHS 2 Science Staff S			Lead	A
	1610286-003A	HHS 3 Shop Hall D/F			Lead	A
	1610286-004A	HHS 4 Alt School D/F			Lead	A
	1610286-005A	HHS 5 8 C/R Hall D/F			Lead	A
	1610286-006A	HHS 6 Library D/F			Lead	A
	1610286-007A	HHS 7 Home Ec Lab N			Lead	A
	1610286-008A	HHS 8 Kitchen Sink			Lead	A
	1610286-009A	HHS 8 Hall D/F			Lead	A
	1610286-010A	HHS 8 Boys L/R D/F			Lead	A
	1610286-011A	HES 1 Rm 1 D/F			Lead	A
	1610286-012A	HES 1 Hall D/F			Lead	A
	1610286-013A	HES 1 Rm 14 D/F			Lead	A
	1610286-014A	HES 2 Kitchen S			Lead	A
	1610286-015A	HES 2 Hall D/F			Lead	A
	1610286-016A	HMS 3 Hall D/F			Lead	A
	1610286-017A	HMS 3 Lobby D/F			Lead	A
	1610286-018A	HMS 4 Hall D/F			Lead	A
	1610286-019A	HMS 5 Hall D/F			Lead	A
	1610286-020A	HMS 7 Hall D/F			Lead	A

ORELAP A Accredited

ACCRED

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Website:

Definition Base

WO#: **1610286**
Date: **10/10/2016**

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

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Definition Base

WO#: **1610286**
Date: **10/10/2016**

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

Lab Order Number 1610286

CO

Analytical Laboratory Group, Inc.

361 WEST FIFTH AVENUE
EUGENE, OREGON 97401
800-262-5973/541-485-8404 Fax 541-484-5995
Email: alglabs@alglabsinc.com

ALG ANALYTICAL LABORATORY GROUP — Delivering more than just test results

CHAIN OF CUSTODY

Attention:	Tom Dentel	**Client:**	Harrisburg School District
Phone:	541-554-9980	**Address**	PO Box 208
Email:		**City, State, Zip**	Harrisburg, OR
Client Project:	Lead in Water	**Sampler: Print**	Tom Dentel
		Sampler: Signature	Tom Dentel

Client ID (Location)	Sample Matrix & Grab/Comp	Collection Date	Collection Time	Analysis Requested	Bottles -Lab Use Only Type	#	Pres	T °C	Lab ID
HHS 1 Health Rm Sink	DW/Grab	10-7-16	10:15	Lead	P	1			001A
HHS 2 Science Staffs	DW/Grab		10:27	Lead	P	1			002A
HHS 3 Shop Hall D/F	DW/Grab		10:34	Lead	P	1			003A
HHS 4 Alt School D/F	DW/Grab		10:44	Lead	P	1			004A
HHS 5 8 C/R Hall D/F	DW/Grab		10:30	Lead	P	1			005A
HHS 6 library D/F	DW/Grab		10:23	Lead	P	1			006A
HHS 7 HomEc lab N	DW/Grab		10:19	Lead	P	1			007A
HHS 8 Kitchen Sink	DW/Grab		10:04	Lead	P	1			008A
HHS 8 Hall D/F	DW/Grab		10:01	Lead	P	1			009A
HHS 8 Boys L/R D/F	DW/Grab		10:08	Lead	P	1			010A

Notes:

Preservation Check

Lab ID	Date/Time	Pre-Preserved	pH	Tech

Turn Around Time Requested (Rush incurs a Surcharge):

☒ NORMAL _____ ☐ RUSH _____

Shipped Via: Client

Refrigerated NA

	Date	Time		Date	Time
Relinquished by:			**Received by:**		
Relinquished by:			**Received by:**		
Relinquished by:			**Received by Laboratory:**	10/7/16	1215

Lab Order Number 1610286

CO

Analytical Laboratory Group, Inc.

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Email: alglabs@alglabsinc.com

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CHAIN OF CUSTODY

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Phone:	541-554-9980	**Address**	PO Box 208
Email:		**City, State, Zip**	Harrisburg, OR
Client Project:	Lead in Water	**Sampler: Print**	Tom Dentel
		Sampler: Signature	Tom Dentel

Client ID	Sample Matrix & Grab/Comp	Collection Date	Collection Time	Analysis Requested	Bottles -Lab Use Only Type	#	Pres	T °C	Lab ID
HES1Rm 1 D/F	DW/Grab	10-7-16	9:26	Lead	P	1			011A
HES 1 Hall D/F	DW/Grab		9:28	Lead	P	1			012A
HES 1 Rm14 D/F	DW/Grab		9:23	Lead	P	1			013A
HES 2 Kitchen S	DW/Grab		9:15	Lead	P	1			014A
HES 2 Hall D/F	DW/Grab		9:19	Lead	P	1			015A
HMS 3 Hall D/F	DW/Grab		9:34	Lead	P	1			016A
HMS 3 Lobby D/F	DW/Grab		9:32	Lead	P	1			017A
HMS 4 Hall D/F	DW/Grab		9:41	Lead	P	1			018A
HMS 5 Hall D/F	DW/Grab		9:44	Lead	P	1			019A
HMS 7 Hall D/F	DW/Grab		9:38	Lead	P	1			020A

Notes:

Preservation Check

Lab ID	Date/Time	Pre-Preserved	pH	Tech

Turn Around Time Requested (Rush incurs a Surcharge):

☒ NORMAL _____ ☐ RUSH _____

Shipped Via: Client

Refrigerated NA

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**
				10/7/16	1215