ALG ANALYTICAL LABORATORY GROUP
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 15, 2016

Paul Jennison
Corvallis School District
P O Box 3509J
Corvallis, OR 97339
TEL: (541) 757-5853
FAX

RE: Cheldelin MS Order No.: 1607715

Dear Paul Jennison:

Analytical Laboratory Group received 10 sample(s) on 7/15/2016 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 J. Reever Morghan

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

CC:
Kim Patten

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Case Narrative

WO#: **1607715**
Date: **8/15/2016**

CLIENT: Corvallis School District
Project: Cheldelin MS

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.

ALG ORELAP ID #OR100012
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Analytical Report

Date Reported **8/15/2016**

WO#: 1607715
CLIENT: Corvallis School District
Project: Cheldelin MS
PWS Number:
Sample Source:

Received Date: 7/15/2016 10:36:00 AM
Sampler Name Timothy Trivett
Matrix: Drinking Water
Sample Type:

Lab ID: 1607715-001 **Client Sample ID** CHE-Gym-DF-#1 **Collection Date:** 7/12/2016 5:23:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-002 **Client Sample ID** CHE-34-F-#1 **Collection Date:** 7/12/2016 5:22:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00303	0.0200	0.00200		mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-003 **Client Sample ID** CHE-33-F-#1 **Collection Date:** 7/12/2016 5:20:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0429	0.0200	0.00800	*	mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-004 **Client Sample ID** CHE-GymHall-DF-#1 **Collection Date:** 7/12/2016 5:19:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	ND	0.0200	0.00200		mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-005 **Client Sample ID** CHE-38E-F-#1 **Collection Date:** 7/12/2016 5:17:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0263	0.0200	0.00400	*	mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-006 **Client Sample ID** CHE-38N-F-#1 **Collection Date:** 7/12/2016 5:17:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0314	0.0200	0.00400	*	mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-007 **Client Sample ID** CHE-OfHlth-F-#1 **Collection Date:** 7/12/2016 5:27:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0760	0.0200	0.00800	*	mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-008 **Client Sample ID** CHE-OfWkrm-F-#1 **Collection Date:** 7/12/2016 5:27:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0670	0.0200	0.00800	*	mg/L	8/12/2016 10:05:00 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

ALG ORELAP ID #OR100012
361 West 5th Ave
Eugene, OR 97401
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Website:

Analytical Report

Date Reported **8/15/2016**

WO#:	1607715	**Received Date:**	7/15/2016 10:36:00 AM
CLIENT:	Corvallis School District	**Sampler Name**	Timothy Trivett
Project:	Cheldelin MS	**Matrix:**	Drinking Water
PWS Number:		**Sample Type:**	
Sample Source:			

Lab ID: 1607715-009 **Client Sample ID** CHE-LibWkrm-F-#1 **Collection Date:** 7/12/2016 4:27:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.0110	0.0200	0.00200		mg/L	8/12/2016 10:05:00 AM	KG

Lab ID: 1607715-010 **Client Sample ID** CHE-CpyRM-F-#1 **Collection Date:** 7/12/2016 4:58:00 AM

Analyses	Method	Result	MCL	RL	Qual	Units	Date Analyzed	Analys
Lead	SM 3113 B	0.00456	0.0200	0.00200		mg/L	8/12/2016 10:05:00 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#: **1607715**
15-Aug-16

Client: Corvallis School District
Project: Cheldelin MS

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	1607715-001A	CHE-Gym-DF-#1	Drinking Water	AA Metals by SM 3113 Schools 250mL	Lead	A
	1607715-002A	CHE-34-F-#1			Lead	A
	1607715-003A	CHE-33-F-#1			Lead	A
	1607715-004A	CHE-GymHall-DF-#1			Lead	A
	1607715-005A	CHE-38E-F-#1			Lead	A
	1607715-006A	CHE-38N-F-#1			Lead	A
	1607715-007A	CHE-OfHlth-F-#1			Lead	A
	1607715-008A	CHE-OfWkrm-F-#1			Lead	A
	1607715-009A	CHE-LibWkrm-F-#1			Lead	A
	1607715-010A	CHE-CpyRM-F-#1			Lead	A

ORELAP A Accredited

ACCRED

ALG ORELAP ID #OR100012
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Website:

Definition Base

WO#: **1607715**
Date: **8/15/2016**

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#: **1607715**
Date: **8/15/2016**

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 1607715

Analytical Laboratory Group, Inc.

361 WEST FIFTH AVENUE
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ALG ANALYTICAL LABORATORY GROUP

CHAIN OF CUSTODY

Attention:	Paul Jennison	**Client:**	Corvallis School District
Phone:	541-757-5877	**Address:**	PO Box 3509J
Email:	paul.jennison@corvallis.k12.or.us	**City, State, Zip**	Corvallis, OR 97333
Client Project:	Cheldelin MS	**Sampler: Print**	Timothy Trivett
		Sampler: Signature	Timothy L Trivett

Client ID	Sample Matrix & Grab/Comp	Collection Date	Collection Time	Analysis Requested	Bottles -Lab Use Only Type	#	Pres	T °C	Lab ID
CHE-GYM-DF-#1	DW/Grab	7/12	5:23AM	Lead	P	1			001A
CHE-34-F-#1	DW/Grab		5:22AM	Lead	P	1			002A
CHE-33-F-#1	DW/Grab		5:20AM	Lead	P	1			003A
CHE-GYMHALL-DF#1	DW/Grab		5:19AM	Lead	P	1			004A
CHE-38E-F-#1	DW/Grab		5:17AM	Lead	P	1			005A
CHE-38N-F-#1	DW/Grab		5:17AM	Lead	P	1			006A
CHE-HLTH-F-#1	DW/Grab		5:27AM	Lead	P	1			007A
CHE-OFFRM-F-#1	DW/Grab		5:27AM	Lead	P	1			008A
CHE-LIBRM-F-#1	DW/Grab		4:27AM	Lead	P	1			009A
CHE-CPYRM-F-#1	DW/Grab		4:58AM	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: ALG COURIER

Refrigerated NA

Relinquished by:	Date	Time	Received by:	Date	Time
				7/15/16	0905
Relinquished by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
Relinquished by:	**Date**	**Time**	**Received by Laboratory:**	**Date**	**Time**
	7/15/16	1036		7/15/16	1036