

DRINKING WATER LEAD SAMPLING
OF
EARLY EDUCATION FACILITY
1021 NW HIGHLAND, GRANTS PASS, OREGON
FOR
SOUTHERN OREGON EDUCATION SERVICE DISTRICT

INTRODUCTION

Coleman Creek Consulting, Inc. (CCC) was retained by the Southern Oregon Education Service District (SOESD) to perform representative lead drinking water sampling of the Early Education Facility buildings the above address. The purpose of the lead drinking water sampling was to determine the concentration of lead in representative drinking water sources and compare with regulatory standards.

DRINKING WATER SAMPLING

David W. Fawcett of CCC visited the Early Education Facility on June 12, 2016, accompanied by Mark Salter. Mr. Fawcett and Mr. Salter reviewed the building drinking water sources, and selected four representative locations based on presumed utilization by building occupants. Mr. Fawcett collected lead drinking water samples from the classrooms, office area, and bungalow. See Site Sample Record Sheet (page 3) for a description of the sample location areas. The drinking water samples were collected on a Sunday, ensuring that the sampled sources had not been in use since the previous Friday. The samples were placed in a cooler and transported to CCC for temporary storage prior to transport the following day to Neilson Research Corporation for lead analysis.

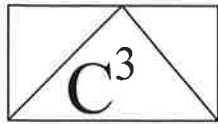
LEAD ANALYSIS/COMPARISON WITH REGULATORY LIMITS

The drinking water samples collected were analyzed for lead using EPA Method 200.8.

SAMPLE	DESCRIPTION/LOCATION	LEAD (mg/L)	ACTION LEVEL (mg/L)
16-069G.6	Bungalow Bath Sink	0.00187	0.015
16-069G.7	Red Classroom Drinking Fountain	0.000318	0.015
16-069G.8	Purple Classroom Drinking Fountain	0.000372	0.015
16-069G.9	Kitchen Sink Drinking Spout	0.0008	0.015

PRIMARY DRINKING WATER STANDARDS FOR LEAD

The Safe Drinking Water Act established National Primary Drinking Water Regulations for public drinking water systems. An "Action Level" for lead concentration in water was established at 0.015 mg/L. The public drinking water system must control for corrosiveness if more than 10% or tap water samples are reported above the Action Level of 0.015 mg/L.



Coleman Creek Consulting, Inc.

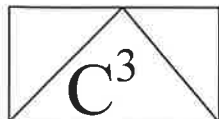
CONCLUSIONS

Four water samples were collected from representative drinking water sources at the Early Education Facility at a time ensuring the drinking water sources had not been used for two days. All four water samples were analyzed for lead, and reported well below the EPA Action Level of 0.015 mg/L lead.

RECOMMENDATIONS

Coleman Creek Consulting, Inc. has no recommendations for lead drinking water sampling at the Early Education Facility at this time. Coleman Creek Consulting, Inc. appreciates the opportunity to continue to perform environmental sampling and consulting services to Southern Oregon Education Service District.

David W. Fawcett
Director of Consulting Services



Coleman Creek Consulting, Inc.

DRINKING WATER LEAD SAMPLE RECORD SHEET

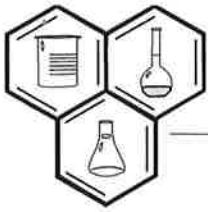
FACILITY: Early Education
ADDRESS: 1021 NW Highland
Grants Pass, Oregon

DATE: 06-12-16
SAMPLER: David W. Fawcett

SAMPLE #	SOURCE DESCRIPTION	LOCATION	COLLECTION TIME
16-069G.6	Sink Faucet	Bungalow – Office Bathroom	1910
16-069G.7	Drinking Fountain	Red Classroom	1917
16-069G.8	Drinking Fountain	Purple Classroom	1921
16-069G.9	Sink Faucet	Kitchen, Drinking Spout	1925

APPENDIX A

**NEILSON RESEARCH ANALYTICAL RESULTS
REPORT**



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

6/20/2016

Dave Fawcett
Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

TEL: (541) 535-7108

FAX: (541) 535-8795

RE: 16-069G Early Education ESD

Order No.: 1606528

Dear Dave Fawcett:

Neilson Research Corporation received 4 sample(s) on 6/13/2016 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Alec C Smith
Project Manager

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

CLIENT: Coleman Creek Consulting
Project: 16-069G Early Education ESD
Lab Order: 1606528

Date: 20-Jun-16

CASE NARRATIVE

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

The EPA recommended action level for lead in schools is 0.020 mg/L.

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

Lab Order: 1606528
NRC Sample ID: 1606528-01A
Collection Date: 6/12/2016 7:10:00 PM
Received Date: 6/13/2016 1:53:00 PM
Reported Date: 6/20/2016 11:55:32 AM

Sample Information:

16-069G Early Education ESD

Client Sample ID: 16-069G.6
Collectors Name: Dave Fawcett
Sample Location:
Source:

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.00187		0.0001	mg/L	0.015 AL	6/14/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

1

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

Lab Order: 1606528
NRC Sample ID: 1606528-02A
Collection Date: 6/12/2016 7:17:00 PM
Received Date: 6/13/2016 1:53:00 PM
Reported Date: 6/20/2016 11:55:32 AM

Sample Information:

16-069G Early Education ESD

Client Sample ID: 16-069G.7
Collectors Name: Dave Fawcett
Sample Location:
Source:

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000318		0.0001	mg/L	0.015 AL	6/14/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

Lab Order: 1606528
NRC Sample ID: 1606528-03A
Collection Date: 6/12/2016 7:21:00 PM
Received Date: 6/13/2016 1:53:00 PM
Reported Date: 6/20/2016 11:55:32 AM

Sample Information:

16-069G Early Education ESD

Client Sample ID: 16-069G.8
Collectors Name: Dave Fawcett
Sample Location:
Source:

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000372		0.0001	mg/L	0.015 AL	6/15/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

Lab Order: 1606528
NRC Sample ID: 1606528-04A
Collection Date: 6/12/2016 7:25:00 PM
Received Date: 6/13/2016 1:53:00 PM
Reported Date: 6/20/2016 11:55:32 AM

Sample Information:

16-069G Early Education ESD

Client Sample ID: 16-069G.9
Collectors Name: Dave Fawcett
Sample Location:
Source:

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000900		0.0001	mg/L	0.015 AL	6/15/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

CLIENT: Coleman Creek Consulting
 Work Order: 1606528
 Project: 16-069G Early Education ESD

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_DW

Sample ID: MB-35438	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807						
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309662						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000100

Sample ID: LCS-35438	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807						
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309663						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1027 0.000100 0.1 0 103 85 115

Sample ID: 1606526-01AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807						
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309674						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1108 0.000100 0.1 0.009729 101 70 130

Sample ID: 1606526-01AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807						
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309675						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1088 0.000100 0.1 0.009729 99.1 70 130 0.1108 1.82 20

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Minimum Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



Environmental Testing Laboratory
 245 South Grape Street • Medford, OR 97504
 (541) 770-5678 Fax (541) 770-2901

Chain of Custody Record

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Section A
Required Client Information

Company: Coleman Creek Canyons
 Address: _____
 Email: _____
 Phone: _____ Fax: _____
 Collected By (Print): Dave Fawcett
 Collected By (Sign): [Signature]
 Email Report Yes No Mail Report Yes No
 Fax Report Yes No

Section B
Required Project Information

Project Name: ESD Early Education
 Project Number: 16-0696
 Report To: Dave
 Copy To: _____

Section C
Invoice Information

Attention: Dave
 Company Name: _____
 Address: _____
 P.O. # _____

Section D
Rush Status (Subject to Scheduling)

Standard 10-14 Days
 5 Business Days (50% surcharge)
 3 Business Days (75% surcharge)
 24 - 48 hours (100% surcharge)
 Other _____
 Authorized Yes No

Section E
Sample Information

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested										NRC Worker Order # (Lab Use Only) <u>16069608</u>			
																Remarks/Field Data	NRC Sample # (Lab Use Only)		
16-0696-6		DW	6-12-16	1910	1													#12449	01
16-0696-7		DW	6-12-16	1917	1													#12509	02
16-0696-8		DW	6-12-16	1921	1													#12506	03
16-0696-9		DW	6-12-16	1925	1													#12443	04

*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

Section G
Lab Use Only

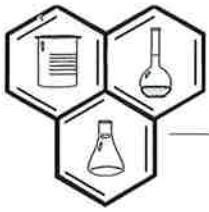
Temp 13.53
 4°C +/- 2°C: Yes No
 Received on Ice: Yes No
 Number of Bottles Received: 4
 pH Checked: NA
 COC Seals Intact: Yes No NA
 Field Blank Included: Yes No

Section F
Relinquish/Receive

Relinquished By:	Sign	Print	Date	Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>Dave Fawcett</u>	<u>6/13/16</u>	<u>13:53</u>
Received By:				
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory:	<u>[Signature]</u>	<u>[Signature]</u>	<u>6/13/16</u>	<u>13:53</u>

Received Via UPS FedEx Other Hand

Payment: Invoice Cash VISA, M/C Check # _____ Amount _____



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

6/20/2016

Dave Fawcett
Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

TEL: (541) 535-7108

FAX: (541) 535-8795

RE: 16-069G Medford ESD

Order No.: 1606529

Dear Dave Fawcett:

Neilson Research Corporation received 2 sample(s) on 6/13/2016 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Alec C Smith
Project Manager

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

CLIENT: Coleman Creek Consulting
Project: 16-069G Medford ESD
Lab Order: 1606529

Date: 20-Jun-16

CASE NARRATIVE

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

The EPA recommended action level for lead in schools is 0.020 mg/L.

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

Lab Order: 1606529
NRC Sample ID: 1606529-01A
Collection Date: 6/12/2016 6:12:00 PM
Received Date: 6/13/2016 1:53:00 PM
Reported Date: 6/20/2016 11:57:39 AM

Sample Information:

16-069G Medford ESD

Client Sample ID: 16-069G.4
Collectors Name: Dave Fawcett
Sample Location:
Source:

ANALYTICAL RESULTS

Analyses	NELAP			MRL	Units	EPA Limit	Date Analyzed	Analyst
	Method	Accredited	Result					
Lead	EPA 200.8	A	0.000408	0.0001	mg/L	0.015 AL	6/15/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Coleman Creek Consulting
P.O. Box 1926
Phoenix, OR 97535

Lab Order: 1606529
NRC Sample ID: 1606529-02A
Collection Date: 6/12/2016 6:19:00 PM
Received Date: 6/13/2016 1:53:00 PM
Reported Date: 6/20/2016 11:57:39 AM

Sample Information:

16-069G Medford ESD

Client Sample ID: 16-069G.5
Collectors Name: Dave Fawcett
Sample Location:
Source:

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000638		0.0001	mg/L	0.015 AL	6/15/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

CLIENT: Coleman Creek Consulting
 Work Order: 1606529
 Project: 16-069G Medford ESD

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_DW

Sample ID: MB-35438	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309662
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.000100

Sample ID: LCS-35438	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309663
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.1027 0.000100 0.1 0 103 85 115

Sample ID: 1606526-01AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309674
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.1108 0.000100 0.1 0.009729 101 70 130

Sample ID: 1606526-01AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/14/2016	RunNo: 87807
Client ID: ZZZZZ	Batch ID: 35438	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 6/14/2016	SeqNo: 1309675
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.1088 0.000100 0.1 0.009729 99.1 70 130 0.1108 1.82 20

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Minimum Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Chain of Custody Record

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information	Section D Rush Status (Subject to Scheduling)
Company: <u>Celestia Creek Condotin</u>	Project Name: <u>Medford ESD</u>	Attention: <u>Dave</u>	<input checked="" type="checkbox"/> Standard 10-14 Days
Address:	Project Number: <u>16-0696</u>	Company Name:	<input type="checkbox"/> 5 Business Days (50% surcharge)
Email:	Report To:	Address:	<input type="checkbox"/> 3 Business Days (75% surcharge)
Phone: Fax:	Copy To:	P.O. #	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Collected By (Print): <u>Dave Fairwell</u>			Other: _____
Collected By (Sign): <u>[Signature]</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Email Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Mail Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Fax Report <input type="checkbox"/> Yes <input type="checkbox"/> No			

Section E Sample Information					Analysis Requested										NRC Workorder # (Lab Use Only) <u>1606529</u>		
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers												
<u>16-0696.4</u>		<u>DW</u>	<u>6-12-16</u>	<u>1812</u>	<u>1</u>												<u>#12441</u>
<u>16-0696.5</u>		<u>DW</u>	<u>6-12-16</u>	<u>1819</u>	<u>1</u>												<u>#12446</u>

*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

Section F Relinquish/Receive	Sign	Print	Date	Time
Relinquished By: <u>[Signature]</u>	<u>Dave Fairwell</u>	<u>Dave Fairwell</u>	<u>6/13/16</u>	<u>13:53</u>
Received By:				
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory: <u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>6/13/16</u>	<u>13:53</u>

Section G Lab Use Only
Temp. Ambient <u>11.4</u>
4°C +/- 2°C: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Received on Ice: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Number of Bottles Received: <u>2</u>
pH Checked: <u>NA</u>
COC Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
Field Blank Included: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Received Via UPS FedEx Other Hand
 Payment Invoice Cash VISA MC Check # _____ Amount: _____