Coleman Creek Consulting, Inc.

DRINKING WATER LEAD SAMPLING

OF

KLAMATH FALLS ESD FACILITY

2685 FOOTHILLS BLVD, KLAMATH FALLS, 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 Klamath Falls ESD Facility at 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 Klamath Falls ESD Facility on June 13, 2016, and met Susan Mostar. Mr. Fawcett and Ms. Mostar reviewed the building drinking water sources, and selected a representative location based on presumed utilization by building occupants. Mr. Fawcett collected a lead drinking water sample from the Break Room sink faucet. See Site Sample Record Sheet (page 3) for a description of the sample location area. The drinking water sample was collected on a Monday morning, and Ms. Mostar indicated there had been minimal water usage in the facility prior to sampling. The sample was placed in a cooler and transported 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.11	Break Room Sink Faucet	0.00105	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.

CONCLUSIONS

One water sample was collected from a representative drinking water source at the Klamath Falls ESD Facility at a time ensuring the drinking water source had been minimally in use. The water samples was analyzed for lead, and reported more than 10 times 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 Klamath Falls ESD 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

DRINKING WATER LEAD SAMPLE RECORD SHEET

FACILITY: Klamath Falls ESD Facility
ADDRESS: 2685 Foothills Blvd.
Klamath Falls, Oregon

DATE: 06-13-16
SAMPLER: David W. Fawcett

SAMPLE #	SOURCE DESCRIPTION	LOCATION	COLLECTION TIME
16-069G.11	Sink Faucet	Break Room	0935

APPENDIX A

NEILSON RESEARCH ANALYTICAL RESULTS REPORT

NEILSON RESEARCH CORPORATION
Environmental Testing Laboratory

6/17/2016

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

TEL: (541) 535-7108
FAX (541) 535-8795

RE: 16-069G Klamath ESD

Order No.: 1606522

Dear Dave Fawcett:

Neilson Research Corporation received 1 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 Klamath ESD
Lab Order: 1606522

Date: 17-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.

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: **1606522**
NRC Sample ID: **1606522-01A**
Collection Date: **6/13/2016 9:35:00 AM**
Received Date: **6/13/2016 2:05:00 PM**
Reported Date: **6/17/2016 8:11:25 AM**

Sample Information:

16-069G Klamath ESD

Client Sample ID: 16-069G.11
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	**0.00105**		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

Date: 17-Jun-16

CLIENT: Coleman Creek Consulting
Work Order: 1606522
Project: 16-069G Klamath 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

Page 1 of 1

NEILSON RESEARCH CORPORATION
Environmental Testing Laboratory
245 South Grape Street • Medford, OR 97501
(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: Elk Creek Consulting
Address:
Email:
Phone: Fax:
Collected By (Print): Dave Fawcett
Collected By (Sign):
Email Report X Yes ___ No Mail Report X Yes ___ No
Fax Report ___ Yes ___ No

Section B
Required Project Information

Project Name: Elmwood ESD
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)

X 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	Remarks/Field Data	NRC Sample # (Lab Use Only)
16-0696.11		DW	6-12-16	0935	1	X	#12268	01

NRC Workorder # (Lab Use Only): 1606592

*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:		Dave Fawcett	6-17-16	1405
Received By:				
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory:			6-13-16	1405

Section G
Lab Use Only

Temp: amb.
4°C +/- 2°C: X Yes ___ No
Received on Ice: X Yes ___ No
Number of Bottles Received: 1
pH Checked: N/A
COC Seals Intact: ___ Yes ___ No X NA
Field Blank Included: ___ Yes X No
Received Via ___ UPS ___ FedEX ___ Other X Hand
Payment: X Invoice ___ Cash ___ VISA, M/C ___ Check # ___ Amount ___