



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

8/25/2016

Rick Rose
Medford School District
815 S Oakdale Ave
Medford, OR 97501

TEL: (541) 842-1138
FAX 541-842-1160

RE: 16-04 SMHS Lead Study

Order No.: 1608C07

Dear Rick Rose:

Neilson Research Corporation received 2 sample(s) on 8/23/2016 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: Medford School District
Project: 16-04 SMHS Lead Study
Lab Order: 1608C07

Date: 25-Aug-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.

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Analysis Report

ORELAP 100016
EPA OR00028

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: **1608C07**
NRC Sample ID: **1608C07-01A**
Collection Date: **8/23/2016 12:07:00 PM**
Received Date: **8/23/2016 4:19:00 PM**
Reported Date: **8/25/2016 12:01:04 PM**

Sample Information:

16-04 SMHS Lead Study

Client Sample ID: Bottle #05913
Collectors Name: John Jessen
Sample Location: Ktchn Soda Mach Ice Mkr (L)
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000889		0.000103	mg/L	0.020 AL	8/24/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

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Analysis Report

ORELAP 100016
EPA OR00028

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: **1608C07**
NRC Sample ID: **1608C07-02A**
Collection Date: **8/23/2016 12:05:00 PM**
Received Date: **8/23/2016 4:19:00 PM**
Reported Date: **8/25/2016 12:01:04 PM**

Sample Information:

16-04 SMHS Lead Study

Client Sample ID: Bottle #05919
Collectors Name: John Jessen
Sample Location: Ktchn Soda Mach Ice Mkr (R)
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000426		0.0001	mg/L	0.020 AL	8/24/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

CLIENT: Medford School District
 Work Order: 1608C07
 Project: 16-04 SMHS Lead Study

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

Sample ID	MB-36353	SampType:	MBLK	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	8/24/2016	RunNo:	89454					
Client ID:	ZZZZZ	Batch ID:	36353	TestNo:	EPA 200.8		(EPA 200.8)	Analysis Date:	8/24/2016	SeqNo:	1350189					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000103

Sample ID	MB-36356	SampType:	MBLK	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	8/24/2016	RunNo:	89454					
Client ID:	ZZZZZ	Batch ID:	36356	TestNo:	EPA 200.8		(EPA 200.8)	Analysis Date:	8/24/2016	SeqNo:	1350262					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000100

Sample ID	LCS-36353	SampType:	LCS	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	8/24/2016	RunNo:	89454					
Client ID:	ZZZZZ	Batch ID:	36353	TestNo:	EPA 200.8		(EPA 200.8)	Analysis Date:	8/24/2016	SeqNo:	1350190					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1001 0.000104 0.1 0 100 85 115

Sample ID	LCS-36356	SampType:	LCS	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	8/24/2016	RunNo:	89454					
Client ID:	ZZZZZ	Batch ID:	36356	TestNo:	EPA 200.8		(EPA 200.8)	Analysis Date:	8/24/2016	SeqNo:	1350263					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1004 0.000100 0.1 0 100 85 115

Sample ID	1608B95-03AMS	SampType:	MS	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	8/24/2016	RunNo:	89454					
Client ID:	ZZZZZ	Batch ID:	36353	TestNo:	EPA 200.8		(EPA 200.8)	Analysis Date:	8/24/2016	SeqNo:	1350207					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09879 0.000104 0.1 0.000647 98.1 70 130

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

CLIENT: Medford School District
Work Order: 1608C07
Project: 16-04 SMHS Lead Study

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

Sample ID 1608C06-41AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/24/2016	RunNo: 89454						
Client ID: ZZZZZ	Batch ID: 36356	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/24/2016	SeqNo: 1350284						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1040 0.000100 0.1 0.001942 102 70 130

Sample ID 1608B95-03AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/24/2016	RunNo: 89454						
Client ID: ZZZZZ	Batch ID: 36353	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/24/2016	SeqNo: 1350208						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09818 0.000104 0.1 0.000647 97.5 70 130 0.09879 0.623 20

Sample ID 1608C06-41AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/24/2016	RunNo: 89454						
Client ID: ZZZZZ	Batch ID: 36356	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/24/2016	SeqNo: 1350285						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1032 0.000100 0.1 0.001942 101 70 130 0.104 0.772 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

