



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

8/17/2016

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

TEL: (541) 842-1138

FAX: 541-842-1160

RE: 16-48 Roosevelt Lead Study

Order No.: 1608817

Dear Rick Rose:

Neilson Research Corporation received 3 sample(s) on 8/15/2016 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: 16-48 Roosevelt Lead Study
Lab Order: 1608817

Date: 17-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.

Neilson Research Corporation

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

Analysis Report

ORELAP 100016
EPA OR00028

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: **1608817**
NRC Sample ID: **1608817-01A**
Collection Date: **8/13/2016 10:44:00 AM**
Received Date: **8/15/2016 8:10:00 AM**
Reported Date: **8/17/2016 3:51:24 PM**

Sample Information:

16-48 Roosevelt Lead Study

Client Sample ID: Bottle #23447
Collectors Name: John Jessen
Sample Location: Mech Rm Main Dwn frm PRV
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.0127		0.000103	mg/L	0.020 AL	8/16/2016	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: **1608817**
NRC Sample ID: **1608817-02A**
Collection Date: **8/13/2016 10:34:00 AM**
Received Date: **8/15/2016 8:10:00 AM**
Reported Date: **8/17/2016 3:51:25 PM**

Sample Information:

16-48 Roosevelt Lead Study

Client Sample ID: Bottle #23442
Collectors Name: John Jessen
Sample Location: Potable BF 1st Port A
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00347		0.0001	mg/L	0.020 AL	8/16/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

Neilson Research Corporation

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Analysis Report

ORELAP 100016
EPA OR00028

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: **1608817**
NRC Sample ID: **1608817-03A**
Collection Date: **8/13/2016 10:35:00 AM**
Received Date: **8/15/2016 8:10:00 AM**
Reported Date: **8/17/2016 3:51:25 PM**

Sample Information:

16-48 Roosevelt Lead Study

Client Sample ID: Bottle #23444
Collectors Name: John Jessen
Sample Location: Potable BF 1st Port B
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00108		0.000103	mg/L	0.020 AL	8/16/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

CLIENT: Medford School District
 Work Order: 1608817
 Project: 16-48 Roosevelt Lead Study

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

Sample ID: MB-36259	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: ZZZZZ	Batch ID: 36259	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346364						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000100

Sample ID: MB-36263	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: ZZZZZ	Batch ID: 36263	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346384						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000103

Sample ID: LCS-36259	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: ZZZZZ	Batch ID: 36259	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346365						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1023 0.000100 0.1 0 102 85 115

Sample ID: LCS-36263	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: ZZZZZ	Batch ID: 36263	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346385						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1057 0.000104 0.1 0 106 85 115

Sample ID: 1608809-03AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: ZZZZZ	Batch ID: 36259	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346368						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1062 0.000100 0.1 0.004275 102 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: 1608817
 Project: 16-48 Roosevelt Lead Study

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

Sample ID: 1608817-03AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: Bottle #23444	Batch ID: 36263	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346404						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.1050	0.000104	0.1	0.001084	104	70	130				
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Sample ID: 1608809-03AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: ZZZZZ	Batch ID: 36259	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346369						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.1073	0.000100	0.1	0.004275	103	70	130	0.1062	1.03	20	
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Sample ID: 1608817-03AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 8/16/2016	RunNo: 89252						
Client ID: Bottle #23444	Batch ID: 36263	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 8/16/2016	SeqNo: 1346405						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.1066	0.000104	0.1	0.001084	106	70	130	0.105	1.47	20	
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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

Section A Required Client Information
Section B Required Project Information
Section C Invoice Information
Section D Rush Status (Subject to Scheduling)

Section A
 Company: Hell. Sch. Dist. 599C
 Address: 815 S. Oakdale
 City: Holladay, OR 97504
 Email: rick.rose@medford.k12.or.us
 Phone: 541-944-5613 Fax
 Collected By (Print): John Sersen
 Collected By (Sign): [Signature]
 Email Report Yes No
 Fax Report Yes No

Section B
 Project Name: 2016 Lead Testing
 Project Number: 16-48
 Report To: rick.rose@medford.k12.or.us
 Copy To: Tom, Jennifer, and [unclear]
 P.O. #

Section C
 Attention: Roosevelt
 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	Complete Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested	NRC Workorder # (Use Use Only)	NRC Sample # (Use Use Only)
<u>Next. Rm. Main 1st Drain Drain-Down RV</u>		<u>8/13/16</u>	<u>10:44am</u>	<u>1</u>	<u>Lead</u>	<u>1602017</u>	
<u>Puddle Backflow (Avalon) 1st St Bldg</u>		<u>8/13/16</u>	<u>10:34am</u>	<u>1</u>			
<u>Puddle Backflow (Avalon) 1st St Bldg</u>		<u>8/13/16</u>	<u>10:35am</u>	<u>1</u>			
<u>Puddle Backflow (Avalon) 1st St Bldg</u>		<u>8/13/16</u>	<u>10:35am</u>	<u>1</u>			

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

Relinquished By: [Signature] Sign
 Received By: John Sersen Date: 8/15/16 Time: 8:10am

Relinquished By:
 Received By:
 Relinquished By:
 Received By Laboratory: Quinn Moran Date: 8/15/16 Time: 8:10am

Section G Lab Use Only
 Temp: Ambient
 4°C +/- 2°C: Yes No
 Receiver Initial: Yes No
 Number of Barrels Received:
 pH Checked: NA
 GPC Sediment: Yes No
 Field Blank Included: Yes No
 UPS FedEx Other Hand
 Payment: Invoice Cash VISA, M/C Check # Amount