



# 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.: 1608816

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:** 1608816

**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: **1608816**  
NRC Sample ID: **1608816-01A**  
Collection Date: **8/15/2016 6:08:00 AM**  
Received Date: **8/15/2016 8:13:00 AM**  
Reported Date: **8/17/2016 3:48:27 PM**

### Sample Information:

16-48 Roosevelt Lead Study

Client Sample ID: Bottle #23428  
Collectors Name: John Jessen  
Sample Location: Pot. BF Meter 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	0.00142		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: **1608816**  
NRC Sample ID: **1608816-02A**  
Collection Date: **8/15/2016 6:09:00 AM**  
Received Date: **8/15/2016 8:13:00 AM**  
Reported Date: **8/17/2016 3:48:27 PM**

### Sample Information:

16-48 Roosevelt Lead Study

Client Sample ID: Bottle #23424  
Collectors Name: John Jessen  
Sample Location: Pot. BF Meter 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	0.000618		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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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: **1608816**  
NRC Sample ID: **1608816-03A**  
Collection Date: **8/15/2016 6:18:00 AM**  
Received Date: **8/15/2016 8:13:00 AM**  
Reported Date: **8/17/2016 3:48:27 PM**

### Sample Information:

16-48 Roosevelt Lead Study

Client Sample ID: Bottle #23421  
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	0.00153		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

CLIENT: Medford School District  
 Work Order: 1608816  
 Project: 16-48 Roosevelt Lead Study

**ANALYTICAL QC SUMMARY REPORT**

TestCode: ICPMS\_200.8\_SCHOOL

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

Lead ND 0.000100

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

Lead ND 0.000103

Sample ID: <b>LCS-36259</b>	SampType: <b>LCS</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>8/16/2016</b>	RunNo: <b>89252</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>36259</b>	TestNo: <b>EPA 200.8</b>	( <b>EPA 200.8</b> )	Analysis Date: <b>8/16/2016</b>	SeqNo: <b>1346365</b>						
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: <b>LCS-36263</b>	SampType: <b>LCS</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>8/16/2016</b>	RunNo: <b>89252</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>36263</b>	TestNo: <b>EPA 200.8</b>	( <b>EPA 200.8</b> )	Analysis Date: <b>8/16/2016</b>	SeqNo: <b>1346385</b>						
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: <b>1608809-03AMS</b>	SampType: <b>MS</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>8/16/2016</b>	RunNo: <b>89252</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>36259</b>	TestNo: <b>EPA 200.8</b>	( <b>EPA 200.8</b> )	Analysis Date: <b>8/16/2016</b>	SeqNo: <b>1346368</b>						
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: 1608816  
 Project: 16-48 Roosevelt Lead Study

**ANALYTICAL QC SUMMARY REPORT**

TestCode: ICPMS\_200.8\_SCHOOL

Sample ID: <b>1608817-03AMS</b>	SampType: <b>MS</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>8/16/2016</b>	RunNo: <b>89252</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>36263</b>	TestNo: <b>EPA 200.8</b>	<b>(EPA 200.8)</b>	Analysis Date: <b>8/16/2016</b>	SeqNo: <b>1346404</b>						
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: <b>1608809-03AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>8/16/2016</b>	RunNo: <b>89252</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>36259</b>	TestNo: <b>EPA 200.8</b>	<b>(EPA 200.8)</b>	Analysis Date: <b>8/16/2016</b>	SeqNo: <b>1346369</b>						
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: <b>1608817-03AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>8/16/2016</b>	RunNo: <b>89252</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>36263</b>	TestNo: <b>EPA 200.8</b>	<b>(EPA 200.8)</b>	Analysis Date: <b>8/16/2016</b>	SeqNo: <b>1346405</b>						
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



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**Chain of Custody Record**

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

*Koosereff*

<b>Section A</b> Required Client Information		<b>Section B</b> Required Project Information		<b>Section C</b> Invoice Information		<b>Section D</b> Rush Status (Subject to Scheduling)	
Company: <i>Neilson, Dist. 599C</i>	Project Name: <i>2016 Lead Testing</i>	Attention:	Company Name:	Standard 10-14 Days	5 Business Days (50% surcharge)	3 Business Days (75% surcharge)	24-48 hours (100% surcharge)
Address: <i>815 S Oakdale</i>	Project Number: <i>16-48/Rosserff</i>	Address:	Address:	<input checked="" type="checkbox"/> 3 Business Days (75% surcharge)	<input type="checkbox"/> 5 Business Days (50% surcharge)	<input type="checkbox"/> 24-48 hours (100% surcharge)	<input type="checkbox"/> Other
Phone: <i>541-944-5613</i> Fax:	Report To: <i>Ykt. Rosserff medford, K12, OR, US</i>	P.O. #		Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No			
Collected By (Print): <i>John Jensen</i>	Copy To: <i>Tom, Knowledge Medford, K12, OR, US</i>						
Collected By (Sign): <i>[Signature]</i>							
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							

Sample ID	Comp/Grab	Matrix	Date Collected	Time Collected	No. of Containers		Analysis Requested	NRC Work Order # <small>(Lab Use Only)</small>	NRC Sample # <small>(Lab Use Only)</small>
					Lead				
<i>1st Draw</i>			<i>8/15/16</i>	<i>6:08 am</i>	<i>1</i>			<i>100816</i>	
<i>2nd Draw</i>				<i>6:09 am</i>	<i>1</i>				
<i>Med. Room</i>				<i>6:18 am</i>	<i>1</i>				
<i>1st Draw</i>									
<i>2nd Draw</i>									

**Section E**  
Sample Information  
*Bottle #*

**Section F**  
Relinquish/Receive

Relinquished By: *[Signature]* Sign

Received By: *[Signature]* Sign

Relinquished By: \_\_\_\_\_

Received By: \_\_\_\_\_

Relinquished By: \_\_\_\_\_

Received By: \_\_\_\_\_

Relinquished By: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: *8/15/16* Time: *8:15 am*

**Section G**  
Lab Use Only

Temp: *Ambient*

4°C at 2°C: Yes  No

Recooled on Ice: Yes  No

Number of Bottles Received: *3*

pH checked: *NA*

COC Stationed: Yes  No

Field Blank included: Yes  No

Received via:  Invoice  Cash  VISA  M/C  Check # \_\_\_\_\_ Amount \_\_\_\_\_

Payment:  Invoice  Cash  VISA  M/C  Check # \_\_\_\_\_ Amount \_\_\_\_\_