



# 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: 16-24 Jackson Lead Study

Order No.: 1608811

Dear Rick Rose:

Neilson Research Corporation received 4 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:** 16-24 Jackson Lead Study  
**Lab Order:** 1608811

**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: **1608811**  
NRC Sample ID: **1608811-01A**  
Collection Date: **8/14/2016 4:14:00 PM**  
Received Date: **8/15/2016 8:12:00 AM**  
Reported Date: **8/17/2016 4:00:29 PM**

### Sample Information:

16-24 Jackson Lead Study

Client Sample ID: Bottle #23438  
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	0.000404		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: **1608811**  
NRC Sample ID: **1608811-02A**  
Collection Date: **8/14/2016 4:15:00 PM**  
Received Date: **8/15/2016 8:12:00 AM**  
Reported Date: **8/17/2016 4:00:29 PM**

### Sample Information:

16-24 Jackson Lead Study

Client Sample ID: Bottle #23446  
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	0.000220		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

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## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1608811**  
NRC Sample ID: **1608811-03A**  
Collection Date: **8/14/2016 4:17:00 PM**  
Received Date: **8/15/2016 8:12:00 AM**  
Reported Date: **8/17/2016 4:00:29 PM**

### Sample Information:

16-24 Jackson Lead Study

Client Sample ID: Bottle #23443  
Collectors Name: John Jessen  
Sample Location: Pot. BF Meter 1st Port C  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000210		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

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## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1608811**  
NRC Sample ID: **1608811-04A**  
Collection Date: **8/14/2016 4:21:00 PM**  
Received Date: **8/15/2016 8:12:00 AM**  
Reported Date: **8/17/2016 4:00:29 PM**

### Sample Information:

16-24 Jackson Lead Study

Client Sample ID: Bottle #23423  
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	0.00252		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: 1608811  
 Project: 16-24 Jackson 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: 1608811  
 Project: 16-24 Jackson 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





Environmental Testing Laboratory  
 245 South Grape Street • Medford, OR 97501  
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JACKSON

### Chain of Custody Record

This Chain of Custody is a I.F.GAL. DOCUMENT and must be filled out accurately.

#### Section A Required Client Information

Company: Med. Sch. Dist. 519C Project Name: 2016 Lead Testing  
 Address: 815 S. Oakdale Project Number: 16-24 JACKSON  
Medford, OR 97501 Report To: RET. ROY O'NEILL, K12.05.US  
 Email: RET. ROY O'NEILL, K12.05.US Copy To: RET. ROY O'NEILL, K12.05.US  
 Phone: 541-944-5813 Fax: \_\_\_\_\_ P.O. # \_\_\_\_\_  
 Collected By (Print): John Jensen  
 Collected By (Sign): [Signature]  
 Email Report  Yes  No Mail Report  Yes  No  
 Fax Report  Yes  No

#### Section B Required Project Information

Project Name: 2016 Lead Testing  
 Project Number: 16-24 JACKSON  
 Report To: RET. ROY O'NEILL, K12.05.US  
 Copy To: RET. ROY O'NEILL, K12.05.US  
 Attention: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 P.O. # \_\_\_\_\_

#### Section C Invoice Information

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

#### 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/Grat	Matrix	Date Collected	Time Collected	No. of Containers	Analysis Requested	Remarks/Field Data	NIRC Sample # (Lab Use Only)
Ret. BSA By Med. Sch. Dist. 519C (A)	23438		8/14/16	4:04pm	1	Lead	1st Draw	
" " " " " " " " (B)	23446			4:19	1		2nd Draw	
" " " " " " " " (C)	23443			4:17	1		3rd Draw (After Wash)	
Med. Sch. Dist. 519C (C)	23493			4:21	1			

#### Section F Relinquish/Receive

Received By: [Signature] Sign John Jensen Date 8/15/16 Time 8:12am  
 Relinquished By: \_\_\_\_\_  
 Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_  
 Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_

#### Section G Lab Use Only

Payment:  Invoice  Cash  VISA  MC  Check # \_\_\_\_\_  
 Amount: \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Amount: \_\_\_\_\_