



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

8/3/2016

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

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

RE: 16-00 MSDEC Annex Lead Study

Order No.: 1607A27

Dear Rick Rose:

Neilson Research Corporation received 10 sample(s) on 7/22/2016 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

245 S Grape St • Medford, OR 97501 • (541) 770-5678
400 SE G St, Suite B • Grants Pass, OR 97526 • (541) 479-4053

www.nrclabs.com

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: 16-00 MSDEC Annex Lead Study
Lab Order: 1607A27

Date: 03-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

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Analysis Report

ORELAP 100016
EPA OR00028

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: **1607A27**
NRC Sample ID: **1607A27-01A**
Collection Date: **7/22/2016 2:16:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #19280
Collectors Name: Roger Moulard
Sample Location: Facilities Breakroom Sink
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00394		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-02A**
Collection Date: **7/22/2016 3:38:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #22131
Collectors Name: Roger Moulard
Sample Location: Facilities Breakroom RF Ice
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00335		0.0001	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-03A**
Collection Date: **7/22/2016 2:17:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #22125
Collectors Name: Roger Moulard
Sample Location: Facilities Office DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000498		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-04A**
Collection Date: **7/22/2016 2:19:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #22130
Collectors Name: Roger Moulard
Sample Location: Warehouse Ice Machine
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	ND		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-05A**
Collection Date: **7/22/2016 2:21:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #22170
Collectors Name: Roger Moulard
Sample Location: IMC Breakroom Sink
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.0114		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-06A**
Collection Date: **7/22/2016 2:23:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #19286
Collectors Name: Roger Moulard
Sample Location: Sodexo Breakroom Sink
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000281		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-07A**
Collection Date: **7/22/2016 2:24:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #22203
Collectors Name: Roger Moulard
Sample Location: Sodexo Breakroom RF Ice
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.0122		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-08A**
Collection Date: **7/22/2016 2:26:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #19271
Collectors Name: Roger Moulard
Sample Location: Dance Room DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00444		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-09A**
Collection Date: **7/22/2016 2:27:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #19264
Collectors Name: Roger Moulard
Sample Location: Police TR Room DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00112		0.000103	mg/L	0.020 AL	7/29/2016	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: **1607A27**
NRC Sample ID: **1607A27-10A**
Collection Date: **7/22/2016 2:31:00 PM**
Received Date: **7/22/2016 4:40:00 PM**
Reported Date: **8/3/2016 4:10:35 PM**

Sample Information:

16-00 MSDEC Annex Lead Study

Client Sample ID: Bottle #19296
Collectors Name: Roger Moulard
Sample Location: Carpenter Shop DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00314		0.000103	mg/L	0.020 AL	7/29/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

CLIENT: Medford School District
 Work Order: 1607A27
 Project: 16-00 MSDEC Annex Lead Study

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

Sample ID	MB-35988	SampType:	MBLK	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	7/27/2016	RunNo:	88839					
Client ID:	ZZZZZ	Batch ID:	35988	TestNo:	EPA 200.8	(EPA 200.8)		Analysis Date:	7/29/2016	SeqNo:	1334650					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000100

Sample ID	MB-35974	SampType:	MBLK	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	7/26/2016	RunNo:	88839					
Client ID:	ZZZZZ	Batch ID:	35974	TestNo:	EPA 200.8	(EPA 200.8)		Analysis Date:	7/29/2016	SeqNo:	1334732					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000103

Sample ID	LCS-35988	SampType:	LCS	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	7/27/2016	RunNo:	88839					
Client ID:	ZZZZZ	Batch ID:	35988	TestNo:	EPA 200.8	(EPA 200.8)		Analysis Date:	7/29/2016	SeqNo:	1334651					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09799 0.000100 0.1 0 98.0 85 115

Sample ID	LCS-35974	SampType:	LCS	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	7/26/2016	RunNo:	88839					
Client ID:	ZZZZZ	Batch ID:	35974	TestNo:	EPA 200.8	(EPA 200.8)		Analysis Date:	7/29/2016	SeqNo:	1334733					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09630 0.000104 0.1 0 96.3 85 115

Sample ID	1607880-01AMS	SampType:	MS	TestCode:	ICPMS_200.8	Units:	mg/L	Prep Date:	7/27/2016	RunNo:	88839					
Client ID:	ZZZZZ	Batch ID:	35988	TestNo:	EPA 200.8	(EPA 200.8)		Analysis Date:	7/29/2016	SeqNo:	1334653					
Analyte		Result		MRL		SPK value		SPK Ref Val		%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09508 0.000100 0.1 0.0005778 94.5 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: 1607A27
Project: 16-00 MSDEC Annex Lead Study

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

Sample ID 1607A34-01AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 7/26/2016	RunNo: 88839						
Client ID: ZZZZZ	Batch ID: 35974	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/29/2016	SeqNo: 1334753						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1074 0.000104 0.1 0.01313 94.3 70 130

Sample ID 1607880-01AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 7/27/2016	RunNo: 88839						
Client ID: ZZZZZ	Batch ID: 35988	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/29/2016	SeqNo: 1334654						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.09482 0.000100 0.1 0 94.8 70 130

Sample ID 1607A34-01AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 7/26/2016	RunNo: 88839						
Client ID: ZZZZZ	Batch ID: 35974	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/29/2016	SeqNo: 1334754						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.1064 0.000104 0.1 0.01313 93.3 70 130 0.1074 0.973 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

Chain of Custody Record

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

Section A		Section B		Section C		Section D	
Required Client Information		Required Project Information		Invoice Information		Rush Status (Subject to Scheduling)	
Company: Medford School District 549C	Address: 815 S Oakdale, Medford, OR 97501	Project Name: 2016 Lead Testing	Project Number: 16-00 \ MSDEC Annex	Attention: Accounting	Company Name: Medford School	Standard 10-14 Days	5 Business Days (50% surcharge)
Email: rick.rose@medford.k12.or.us	Phone: 541.842.1138 Fax: 541.842.1160	Report To: rick.rose@medford.k12.or.us	Copy To: ron.havnear@medford.k12.or.us	Address: 815 S Oakdale Medford, OR 97501	P.O. # P112894	3 Business Days (75% surcharge)	24 - 48 hours (100% surcharge)
Collected By (Print): Rick Rose	Collected By (Sign): <i>[Signature]</i>	Matrix: Bottle #				Other: _____	Authorized: Yes ___ No ___
Email Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mail Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						

Sample ID	Sample Description	Matrix	Date Collected	Time Collected	No. of Containers	Analysis Requested	NRC Workorder # (Lab Use Only)	NRC Sample # (Lab Use Only)
Facilities BKM SK	19280		7-22-16	2:16 PM			1607497	01
" " RF Ice	22131			3:38 PM				02
" " Office DF	22125			2:17 PM				03
Warehouse Ice Mach	22130			7:19				04
IMC BKM SK	22170			2:21				05
SO DEXO BKM SK	19286			2:23				06
" " RF Ice	22203			2:24				07
Dance RM DF	19271			2:26				08
Police TR RM DF	19264			2:22				09
Card Shop DF	19296			2:31				10

Section F		Section G	
Relinquish/Receive		Lab Use Only	
Relinquished By: <i>[Signature]</i>	Sign: <i>[Signature]</i>	Temp: <i>Hub</i>	Received on ice: Yes ___ No ___
Received By: <i>[Signature]</i>	Print: <i>Roger McFarland</i>	4°C +/- 2°C: Yes ___ No ___	Number of Bottles Received: <i>10</i>
Relinquished By: <i>[Signature]</i>	Date: <i>7-22-16</i>	PH Checked: <i>N/A</i>	COC Seals Intact: Yes ___ No ___
Received By: <i>[Signature]</i>	Time: <i>3:16 PM</i>	Field Blank Included: Yes ___ No ___	
Relinquished By: <i>[Signature]</i>			
Received By: <i>[Signature]</i>			
Relinquished By: <i>[Signature]</i>			

Payment: <input type="checkbox"/> Invoice	Received Via: <input checked="" type="checkbox"/> Cash
<input type="checkbox"/> VISA, M/C	<input type="checkbox"/> FedEX
<input type="checkbox"/> Check #	<input checked="" type="checkbox"/> Other
Amount: _____	Hand