



Neilson Research Corporation  
245 S Grape St  
Medford, OR 97501  
TEL: (541) 770-5678 FAX: (541) 770-2901  
Website: [www.nrclabs.com](http://www.nrclabs.com)

March 20, 2020

Ron Havnietar  
Medford School District  
815 S Oakdale Ave  
Medford, OR 97501  
TEL: 541-842-3646  
FAX: 541-842-1160

RE: 18-16 Hoover 2020 Lead Testing

Order No.: 20030618

Dear Ron Havnietar:

Neilson Research Corporation received 4 sample(s) on 3/13/2020 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

Tamra Schmedemann  
Senior Project Manager  
245 S Grape St  
Medford, OR 97501

Original



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## Case Narrative

WO#: 20030618  
Date: 3/20/2020

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**CLIENT:** Medford School District

**Project:** 18-16 Hoover 2020 Lead Testing

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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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## Analytical Report

WO#: 20030618

Date Reported: 3/20/2020

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 20030618  
**Received Date:** 3/13/2020 8:37:00 AM  
**Reported Date:** 3/20/2020 10:40:11 AM

Sample Information:

**Lab ID:** 20030618-01 **Client Sample ID:** Sm Rm Adjacent Staff Brk Rm - Sink  
**Collection Date:** 3/13/2020 7:45:00 AM **Collected By:**  
**Matrix:** Drinking Water **Sample Location:** Sm Rm Adjacent Staff Brk Rm - Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00598		0.000103	mg/L	1	3/17/2020	0.0150	A

**Lab ID:** 20030618-02 **Client Sample ID:** Room 14 - Drinking Fountain  
**Collection Date:** 3/13/2020 7:47:00 AM **Collected By:**  
**Matrix:** Drinking Water **Sample Location:** Room 14 - Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00407		0.000103	mg/L	1	3/17/2020	0.0150	A

**Lab ID:** 20030618-03 **Client Sample ID:** Room 31 - Drinking Fountain  
**Collection Date:** 3/13/2020 7:50:00 AM **Collected By:**  
**Matrix:** Drinking Water **Sample Location:** Room 31 - Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00118		0.000103	mg/L	1	3/17/2020	0.0150	A

QUALIFIERS	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix Interference
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	R	RPD outside accepted recovery limits		

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## Analytical Report

WO#: 20030618  
Date Reported: 3/20/2020

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 20030618  
**Received Date:** 3/13/2020 8:37:00 AM  
**Reported Date:** 3/20/2020 10:40:11 AM

Sample Information:

**Lab ID:** 20030618-04      Client Sample ID: Room 56 - Drinking Fountain  
Collection Date: 3/13/2020 7:52:00 AM      Collected By:  
Matrix: Drinking Water      Sample Location: Room 56 - Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000749		0.000103	mg/L	1	3/17/2020	0.0150	A

QUALIFIERS	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix Interference
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	R	RPD outside accepted recovery limits		

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## QC SUMMARY REPORT

WO#: 20030618

20-Mar-20

**Client:** Medford School District  
**Project:** 18-16 Hoover 2020 Lead Testing

**TestCode:** LEAD\_DW

Sample ID: <b>MB-3347</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/16/2020</b>	RunNo: <b>8374</b>						
Client ID: <b>PBW</b>	Batch ID: <b>3347</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/17/2020</b>	SeqNo: <b>151640</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000103

Sample ID: <b>LCS-3347</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/16/2020</b>	RunNo: <b>8374</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>3347</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/17/2020</b>	SeqNo: <b>151641</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.103 0.000104 0.1000 0 103 85 115

Sample ID: <b>20030610-02AMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/16/2020</b>	RunNo: <b>8374</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>3347</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/17/2020</b>	SeqNo: <b>151652</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.108 0.000104 0.1000 0.0008580 107 70 130

Sample ID: <b>20030610-02AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/16/2020</b>	RunNo: <b>8374</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>3347</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/17/2020</b>	SeqNo: <b>151653</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.109 0.000104 0.1000 0.0008580 108 70 130 0.1078 1.20 20

**Qualifiers:** C1 Sample container temperature is out of limit as specified at testcode  
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded  
PL Permit Limit

MI Recovery outside control limits due to Matrix In  
RL Reporting Detection Limit

Original

## Sample Log-In Check List

Client Name: **MedfordSchoolDist**

Work Order Number: **20030618**

RcptNo: **1**

Logged by: **Vincenza Gill** **3/13/2020 8:37:00 AM**

*Vincenza Gill*

Completed By: **Michelle Harsh** **3/16/2020 1:46:00 PM**

*Michelle Harsh*

Reviewed By: **Tamra Schmedemann** **3/20/2020 10:37:16 AM**

*Tamra Schmedemann*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐  
2. How was the sample delivered? Client

### Log In

3. Coolers are present? Yes ☐ No ☐ NA ☒  
4. Shipping container/cooler in good condition? Yes ☒ No ☐  
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒  
No. Seal Date: Signed By:  
5. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒  
6. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☐ No ☐ NA ☒  
7. Sample(s) in proper container(s)? Yes ☒ No ☐  
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐  
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐  
10. Was preservative added to bottles? Yes ☒ No ☐ NA ☐  
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ HNO<sub>3</sub> pH < 2  
No VOA Vials ☒  
12. Were any sample containers received broken? Yes ☐ No ☒  
13. Does paperwork match bottle labels? Yes ☒ No ☐  
(Note discrepancies on chain of custody)  
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
15. Is it clear what analyses were requested? Yes ☒ No ☐  
16. Were all holding times able to be met? Yes ☒ No ☐  
(If no, notify customer for authorization.)

### Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:  Date:   
By Whom:  Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person  
Regarding:   
Client Instructions:

18. Additional remarks:

### Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
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**NEILSON  
RESEARCH  
CORPORATION**

**Environmental Testing Laboratory**  
245 South Grape Street \* Medford, OR 97501  
(541) 770-5678 fax (541) 770-2901

## Chain of Custody Record

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

### Section A

#### Required Client Information

Company:	MSD 549C
Address:	815 South Oakdale Avenue Medford, OR 97501
Email:	ron.havniar@medford.k12.or.us
Phone:	541-840-4315 Fax:
Collected By (Print):	Marlon Taylor
Collected By (Sign):	<i>Marlon Taylor</i>
Email Report	Yes <input type="checkbox"/> No <input type="checkbox"/> Mail Report Yes <input type="checkbox"/> No <input type="checkbox"/>
Fax Report	Yes <input type="checkbox"/> No <input type="checkbox"/>

### Section B

#### Required Project Information

Project Name:	2020 Lead Testing
Project Number:	18-16 Hoover
Report	ron.havniar@medford.k12.or.us
Copy T	andy.chasteen@medford.k12.or.us
Address:	815 South Oakdale Avenue Medford, OR 97501
P.O. #	61172

### Section C

#### Invoice Information

Attention:	Accounting
Company Name:	Medford School District
Address:	815 South Oakdale Avenue Medford, OR 97501
P.O. #	61172

### Section D

#### Rush Status (Subject to Scheduling)

Standard 10-14 Days	<input type="checkbox"/>
5 Business Days (50% surcharge)	<input type="checkbox"/>
3 Business Days (75% surcharge)	<input type="checkbox"/>
24 - 48 hours (100% surcharge)	<input type="checkbox"/>
Other	<input type="checkbox"/>

Authorized Yes ☐ No ☐

### Section E

#### Sample Information

Sample ID	Bottle	Matrix*	Date Collected	Time Collect	No. of Containers
Small Room Adjacent To Staff Break Room - Sink	52312	DW	3-13-2020	7:45 AM	1
Room 14 - Drinking Fountain	59928	DW	3-13-2020	7:47 AM	1
Room 31 - Drinking Fountain	59792	DW	3-13-2020	7:50 AM	1
Room 56 - Drinking Fountain	59795	DW	3-13-2020	7:52 AM	1

#### Analysis Requested

NRC Workorder #	20032108
(Lab Use Only)	

#### Remarks/Field Data

NRC Sample #  
(Lab Use Only)

01  
02  
03  
04

**Relinquish/Receive**

Print

Date \_\_\_\_\_

Time

Received By: John J. Johnson

Print  
Morton Taylor

3-13-2020 MT 8:3

Received By:

Relinquished By:

Received By Laboratory:

Yakovleva E.I.

3/2/2020 837

**Lab Use Only**

Temp: 37.5

$4^{\circ}\text{C} + / - 2^{\circ}\text{C}$ :	Yes	No
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Received on Ice:        Yes        No X

pH Checked:

COC Seals Intact: Yes No NA