



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

March 12, 2020

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

RE: 18-20 Howard 2020 Lead Testing

Order No.: 20030228

Dear Ron Havniar:

Neilson Research Corporation received 6 sample(s) on 3/5/2020 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



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

Case Narrative

WO#: 20030228
Date: 3/12/2020

CLIENT: Medford School District
Project: 18-20 Howard 2020 Lead Testing

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.

Original



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

Analytical Report

WO#: 20030228
Date Reported: 3/12/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20030228
Received Date: 3/5/2020 11:59:00 AM
Reported Date: 3/12/2020 10:07:37 AM

Sample Information:

Lab ID: 20030228-01 **Client Sample ID:** Common Area 24/25/26 - Sink
Collection Date: 3/5/2020 11:07:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Common Area 24/25/26 - Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00144		0.000103	mg/L	1	3/9/2020	0.0150	A	

Lab ID: 20030228-02 **Client Sample ID:** Room 27 - Drinking Fountain
Collection Date: 3/5/2020 11:09:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Room 27 - Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.000721		0.000103	mg/L	1	3/9/2020	0.0150	A	

Lab ID: 20030228-03 **Client Sample ID:** Room 27 - Sink
Collection Date: 3/5/2020 11:09:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Room 27 - Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00355		0.000103	mg/L	1	3/9/2020	0.0150	A	

QUALIFIERS	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode
	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		

Original



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

Analytical Report

WO#: 20030228
Date Reported: 3/12/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20030228
Received Date: 3/5/2020 11:59:00 AM
Reported Date: 3/12/2020 10:07:37 AM

Sample Information:

Lab ID: 20030228-04 **Client Sample ID:** Room South of Room 28 - Sink
Collection Date: 3/5/2020 11:04:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Room South of Room 28 - Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.000103	mg/L	1	3/9/2020	0.0150	A

Lab ID: 20030228-05 **Client Sample ID:** Room 30 - Drinking Fountain
Collection Date: 3/5/2020 11:12:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Room 30 - Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00161		0.000103	mg/L	1	3/9/2020	0.0150	A

Lab ID: 20030228-06 **Client Sample ID:** Room 30 - Sink
Collection Date: 3/5/2020 11:12:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Room 30 - Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00485		0.000103	mg/L	1	3/9/2020	0.0150	A

QUALIFIERS	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode
	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		

Original



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

QC SUMMARY REPORT

WO#: 20030228

12-Mar-20

Client: Medford School District
Project: 18-20 Howard 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-3285	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/6/2020	RunNo: 8196
Client ID: PBW	Batch ID: 3285	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148885
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.000103

Sample ID: LCS-3285	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/6/2020	RunNo: 8196
Client ID: LCSW	Batch ID: 3285	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148887
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: 20030226-01AMS	SampType: MS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/6/2020	RunNo: 8196
Client ID: BatchQC	Batch ID: 3285	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148910
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.101 0.000104 0.1000 0.0009126 100 70 130

Sample ID: 20030226-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/6/2020	RunNo: 8196
Client ID: BatchQC	Batch ID: 3285	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148913
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.102 0.000104 0.1000 0.0009126 102 70 130 0.1010 1.48 20

Qualifiers: C1 Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded MI Recovery outside control limits due to Matrix In
ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

Original

Sample Log-In Check List

Client Name: **MedfordSchoolDist**

Work Order Number: **20030228**

RcptNo: **1**

Logged by: **Tammy Kreutzer** **3/5/2020 11:59:00 AM**

Completed By: **Katherine Crooks** **3/5/2020 3:31:00 PM**

Reviewed By: **Naomi Orr** **3/12/2020 10:05:00 AM**

[Signature]

[Signature]

[Signature]

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° C to 6.0°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 ☐ HNO₃, pH<2
12. Were any sample containers received broken? Yes ☐ No ☒ No VOA Vials ☒
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)

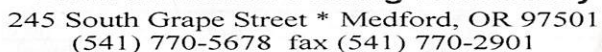
17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

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
1	Ambient	Good				DLN



Page 1 of 3

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

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 _____

Analysis Requested

[illegible]

[illegible]Section F
Relinquish/Receive

Relinquish/Receive	Sign	Print	Date	Time
Relinquished By:		Mike Medel	09/5/20	11:59
Received By:				
Relinquished By:				
Received By:				
Relinquished By:		T. Kreutzberg	3/5/2020	11:59
Received By Laboratory:				

Section G
Lab Use Only

Temp: NA
4°C +/- 2°C: Yes ☐ No ☒
Received on Ice: ☐ Yes ☒ No
Number of Bottles Received: 6
pH Checked: —
COC Seals Intact: ☐ Yes ☒ No NA
Field Blank Included: ☐ Yes ☒ No