



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: 18-24 Jackson 2020 Lead Testing

Order No.: 20030286

Dear Ron Havniar:

Neilson Research Corporation received 4 sample(s) on 3/6/2020 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**

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Case Narrative

WO#: 20030286
Date: 3/12/2020

CLIENT: Medford School District
Project: 18-24 Jackson 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



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Analytical Report

WO#: 20030286
 Date Reported: 3/12/2020

Medford School District
 815 S Oakdale Ave
 Medford , OR 97501

Lab Order: 20030286
Received Date: 3/6/2020 8:45:00 AM
Reported Date: 3/12/2020 1:40:45 PM

Sample Information:

Lab ID: 20030286-01 Client Sample ID: La Clinica Exam Rm 1-Sink
 Collection Date: 3/6/2020 8:07:00 AM Collected By: Gary Severe
 Matrix: Drinking Water Sample Location: La Clinica Exam Rm 1-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000508		0.000103	mg/L	1	3/9/2020	0.0150	A

Lab ID: 20030286-02 Client Sample ID: Gym-Drinking Fountain (Upper)
 Collection Date: 3/6/2020 8:08:00 AM Collected By: Gary Severe
 Matrix: Drinking Water Sample Location: Gym-Drinking Fountain (Upper)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000175		0.000103	mg/L	1	3/9/2020	0.0150	A

Lab ID: 20030286-03 Client Sample ID: Rm 113-Drinking Fountain
 Collection Date: 3/6/2020 8:11:00 AM Collected By: Gary Severe
 Matrix: Drinking Water Sample Location: Rm 113-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000281		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	

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Analytical Report

WO#: 20030286
 Date Reported: 3/12/2020

Medford School District
 815 S Oakdale Ave
 Medford , OR 97501

Lab Order: 20030286
Received Date: 3/6/2020 8:45:00 AM
Reported Date: 3/12/2020 1:40:45 PM

Sample Information:

Lab ID: 20030286-04 Client Sample ID: Rm 214-Drinking Fountain
 Collection Date: 3/6/2020 8:15:00 AM Collected By: Gary Severe
 Matrix: Drinking Water Sample Location: Rm 214-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000222		0.000103	mg/L	1	3/10/2020	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	

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QC SUMMARY REPORT

WO#: 20030286
 12-Mar-20

Client: Medford School District
Project: 18-24 Jackson 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-3300	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/9/2020	RunNo: 8196
Client ID: PBW	Batch ID: 3300	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148702
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.000103

Sample ID: LCS-3300	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/9/2020	RunNo: 8196
Client ID: LCSW	Batch ID: 3300	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148705
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.0946 0.000104 0.1000 0 94.6 85 115

Sample ID: 20030354-01BMS	SampType: MS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/9/2020	RunNo: 8196
Client ID: BatchQC	Batch ID: 3300	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148707
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.0974 0.000104 0.1000 0.0002575 97.1 70 130

Sample ID: 20030354-01BMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/9/2020	RunNo: 8196
Client ID: BatchQC	Batch ID: 3300	TestNo: E200.8	E200.8	Analysis Date: 3/9/2020	SeqNo: 148708
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.102 0.000104 0.1000 0.0002575 101 70 130 0.09735 4.42 20

Qualifiers: CI 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: **20030286**

RcptNo: **1**

Logged by:	Vincenza Gill	3/6/2020 8:45:00 AM	<i>Vincenza Gill</i>
Completed By:	Katherine Crooks	3/9/2020 12:52:00 PM	<i>Katherine Crooks</i>
Reviewed By:	Tamra Schmedemann	3/12/2020 1:37:04 PM	<i>Tamra Schmedemann</i>

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
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:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
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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: <u>ron.havnear@medford.k12.or.us</u>
Phone: 541-840-4315 Fax:
Collected By (Print): <u>Gary Severe</u>
Collected By (Sign): <u>[Signature]</u>
Email Report <input type="checkbox"/> Yes <input type="checkbox"/> No Mail Report <input type="checkbox"/> Yes <input type="checkbox"/> No
Fax Report <input type="checkbox"/> Yes <input type="checkbox"/> No

**Section B
Required Project Information**

Project Name: 2020 Lead Testing
Project Number: 18-24 Jackson
Report <u>ron.havnear@medford.k12.or.us</u>
Copy T <u>andy.chasteen@medford.k12.or.us</u>

**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)**

<input type="checkbox"/> 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 _____
Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No

**Section E
Sample Information**

Sample ID	Bottle	Matrix*	Date Collected	Time Collect	No. of Containers
La Clinica Exam Room 1 - Sink		DW	3/16/2020	8:07 AM	1
Gym - Drinking Fountain (Upper)		DW		8:08	1
Room 113 - Drinking Fountain		DW		8:11	1
Room 214 - Drinking Fountain		DW		8:17	1

Analysis Requested									
No. of Containers									

NRC Workorder # <u>20030286</u> (Lab Use Only)
Remarks/Field Data
NRC Sample # (Lab Use Only)
<u>01A</u>
<u>02A</u>
<u>03A</u>
<u>04A</u>

