



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

May 12, 2020

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

RE: 18-01 North 2020 Lead Testing

Order No.: 20050226

Dear Ron Havniewar:

Neilson Research Corporation received 8 sample(s) on 5/6/2020 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



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Case Narrative

WO#: 20050226
Date: 5/12/2020

CLIENT: Medford School District

Project: 18-01 North 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#: 20050226

Date Reported: 5/12/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20050226
Received Date: 5/6/2020 2:54:00 PM
Reported Date: 5/12/2020 9:50:06 AM

Sample Information:

Lab ID: 20050226-01 **Client Sample ID:** (A) Crt Yrd Behind Main Office-DF (Upr)
Collection Date: 5/6/2020 9:15:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** (A) Crt Yrd Behind Main Office-DF (Upr)

Trace Metals by EPA 200.8 ICP-MS							Analyst; SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00274		0.000100	mg/L	1	5/7/2020	0.0150	A

Lab ID: 20050226-02 **Client Sample ID:** Outside H-13-Drinking Fountain
Collection Date: 5/6/2020 9:20:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** Outside H-13-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst; SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00266		0.000100	mg/L	1	5/7/2020	0.0150	A

Lab ID: 20050226-03 **Client Sample ID:** HC-6-Island Sink Triple (Left Fixture)
Collection Date: 5/6/2020 9:23:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** HC-6-Island Sink Triple (Left Fixture)

Trace Metals by EPA 200.8 ICP-MS							Analyst; SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00232		0.000100	mg/L	1	5/7/2020	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#: 20050226

Date Reported: 5/12/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20050226
Received Date: 5/6/2020 2:54:00 PM
Reported Date: 5/12/2020 9:50:06 AM

Sample Information:

Lab ID: 20050226-04 **Client Sample ID:** Across From HC-4-Drinking Fountain
Collection Date: 5/6/2020 9:24:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** Across From HC-4-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst; SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00163		0.000100	mg/L	1	5/7/2020	0.0150	A

Lab ID: 20050226-05 **Client Sample ID:** CDC-Pre-School Classroom 1-DF
Collection Date: 5/6/2020 9:26:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** CDC-Pre-School Classroom 1-DF

Trace Metals by EPA 200.8 ICP-MS							Analyst; SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000792		0.000100	mg/L	1	5/7/2020	0.0150	A

Lab ID: 20050226-06 **Client Sample ID:** TA-10 Drinking Fountain
Collection Date: 5/6/2020 9:30:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** TA-10 Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst; SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00342		0.000100	mg/L	1	5/7/2020	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#: 20050226

Date Reported: 5/12/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20050226
Received Date: 5/6/2020 2:54:00 PM
Reported Date: 5/12/2020 9:50:06 AM

Sample Information:

Lab ID: 20050226-07 **Client Sample ID:** Outside S-6-Drinking Fountain
Collection Date: 5/6/2020 9:33:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** Outside S-6-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00373		0.000100	mg/L	1	5/7/2020	0.0150	A

Lab ID: 20050226-08 **Client Sample ID:** Main Gym Lobby-Drinking Fountain (N)
Collection Date: 5/6/2020 9:36:00 AM **Collected By:** Roger Moulard
Matrix: Drinking Water **Sample Location:** Main Gym Lobby-Drinking Fountain (N)

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00345		0.000100	mg/L	1	5/7/2020	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#: 20050226

12-May-20

Client: Medford School District
Project: 18-01 North 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-4775	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/7/2020	RunNo: 11526
Client ID: PBW	Batch ID: 4775	TestNo: E200.8	E200.8	Analysis Date: 5/7/2020	SeqNo: 171940
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.000100

Sample ID: LCS-4775	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/7/2020	RunNo: 11526
Client ID: LCSW	Batch ID: 4775	TestNo: E200.8	E200.8	Analysis Date: 5/7/2020	SeqNo: 171941
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.103 0.000100 0.1000 0 103 85 115

Sample ID: 20050217-01AMS	SampType: MS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/7/2020	RunNo: 11526
Client ID: BatchQC	Batch ID: 4775	TestNo: E200.8	E200.8	Analysis Date: 5/7/2020	SeqNo: 171953
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.0953 0.000100 0.1000 0.0001390 95.2 70 130

Sample ID: 20050217-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/7/2020	RunNo: 11526
Client ID: BatchQC	Batch ID: 4775	TestNo: E200.8	E200.8	Analysis Date: 5/7/2020	SeqNo: 171954
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 0.0961 0.000100 0.1000 0.0001390 96.0 70 130 0.09532 0.820 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

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Sample Log-In Check List

Client Name: **MedfordSchoolDist**

Work Order Number: **20050226**

RcptNo: **1**

Logged by: **Naomi Orr** **5/6/2020 2:54:00 PM**

Completed By: **Sara Stephens** **5/6/2020 6:12:36 PM**

Reviewed By: **Tamra Schmedemann** **5/12/2020 9:42:28 AM**

Naomi Orr
Sara Stephens
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° 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)

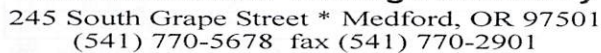
17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: 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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Page 1 of 3

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

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>Roger Moulard</u>	
Collected By (Sign):	
Email Report ☐ Yes ☒ No	Mail Report ☐ Yes ☐ No
Fax Report ☐ Yes ☐ No	

Project Name:	2020 Lead Testing
Project Number:	18-01 North
Report	ron.havnear@medford.k12.or.us
Copy To	andy.chasteen@medford.k12.or.us

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

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

Sample ID	Bottle	Matrix*	Date Collected	Time Collect
(A) Courtyard Behind Main Office - Drinking Fountain (Upper)		DW	5/6/2020	9:15A
Outside H-13 - Drinking Fountain		DW	5/6/2020	9:17A
HC-6 - Island Sink Triple (Left Fixture)		DW	5/6/2020	9:23A
Across From HC-4 - Drinking Fountain		DW	5/6/2020	9:24A
CDC - Pre-School Classroom 1 - Drinking Fountain		DW	5/6/2020	9:26A
TA-10 - Drinking Fountain		DW	5/6/2020	9:30A
Outside S-6 - Drinking Fountain		DW	5/6/2020	9:33A
Main Gym Lobby - Drinking Fountain (North)		DW	5/6/2020	9:36A
				P

[illegible][illegible]

