



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

May 28, 2020

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

RE: 18-04 South 2020 Lead Testing

Order No.: 20050731

Dear Ron Havniar:

Neilson Research Corporation received 8 sample(s) on 5/19/2020 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#: 20050731
Date: 5/28/2020

CLIENT: Medford School District
Project: 18-04 South 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.

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Analytical Report

WO#: 20050731
 Date Reported: 5/28/2020

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 20050731
Received Date: 5/19/2020 9:26:00 AM
Reported Date: 5/28/2020 8:11:44 AM

Sample Information:

Lab ID: 20050731-01 Client Sample ID: Main Office Kitchenette-Sink
 Collection Date: 5/19/2020 8:40:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Main Office Kitchenette-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000513		0.000100	mg/L	1	5/20/2020	0.0150	A

Lab ID: 20050731-02 Client Sample ID: Outside Rm A207-DF (Lower)
 Collection Date: 5/19/2020 8:44:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Outside Rm A207-DF (Lower)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00189		0.000100	mg/L	1	5/20/2020	0.0150	A

Lab ID: 20050731-03 Client Sample ID: Across from Rm C119-DF (Lower)
 Collection Date: 5/19/2020 9:00:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Across from Rm C119-DF (Lower)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00314		0.000100	mg/L	1	5/20/2020	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#: 20050731
 Date Reported: 5/28/2020

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 20050731
Received Date: 5/19/2020 9:26:00 AM
Reported Date: 5/28/2020 8:11:44 AM

Sample Information:

Lab ID: 20050731-04 Client Sample ID: Across from Rm C219-DF (Upper)
 Collection Date: 5/19/2020 9:02:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Across from Rm C219-DF (Upper)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000144		0.000100	mg/L	1	5/20/2020	0.0150	A

Lab ID: 20050731-05 Client Sample ID: Outside Rm E108 (Band)-DF (Lower)
 Collection Date: 5/19/2020 9:05:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Outside Rm E108 (Band)-DF (Lower)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000360		0.000100	mg/L	1	5/20/2020	0.0150	A

Lab ID: 20050731-06 Client Sample ID: Hallway North of Gym-DF (Upper)
 Collection Date: 5/19/2020 9:08:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Hallway North of Gym-DF (Upper)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000320		0.000100	mg/L	1	5/20/2020	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#: 20050731
 Date Reported: 5/28/2020

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 20050731
Received Date: 5/19/2020 9:26:00 AM
Reported Date: 5/28/2020 8:11:44 AM

Sample Information:

Lab ID: 20050731-07 Client Sample ID: Kitchen Island Food Prep-Sink
 Collection Date: 5/19/2020 9:10:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Kitchen Island Food Prep-Sink

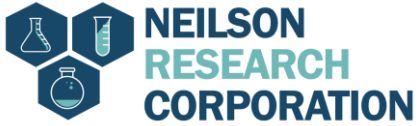
Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00188		0.000100	mg/L	1	5/20/2020	0.0150	A

Lab ID: 20050731-08 Client Sample ID: Gym Outside Rm D214-DF (Upper)
 Collection Date: 5/19/2020 9:13:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Gym Outside Rm D214-DF (Upper)

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000173		0.000100	mg/L	1	5/20/2020	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#: 20050731
 28-May-20

Client: Medford School District
Project: 18-04 South 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-4884	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/20/2020	RunNo: 11818						
Client ID: PBW	Batch ID: 4884	TestNo: E200.8	E200.8	Analysis Date: 5/20/2020	SeqNo: 176254						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000100

Sample ID: LCS-4884	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/20/2020	RunNo: 11818						
Client ID: LCSW	Batch ID: 4884	TestNo: E200.8	E200.8	Analysis Date: 5/20/2020	SeqNo: 176255						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.0962 0.000100 0.1000 0 96.2 85 115

Sample ID: 20050733-01BMS	SampType: MS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/20/2020	RunNo: 11818						
Client ID: BatchQC	Batch ID: 4884	TestNo: E200.8	E200.8	Analysis Date: 5/20/2020	SeqNo: 176265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.0953 0.000100 0.1000 0.0003390 95.0 70 130

Sample ID: 20050733-01BMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 5/20/2020	RunNo: 11818						
Client ID: BatchQC	Batch ID: 4884	TestNo: E200.8	E200.8	Analysis Date: 5/20/2020	SeqNo: 176266						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.0987 0.000100 0.1000 0.0003390 98.4 70 130 0.09532 3.52 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

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Sample Log-In Check List

Client Name: **MedfordSchoolDist** Work Order Number: **20050731** RcptNo: **1**

Logged by:	Naomi Orr	5/19/2020 9:26:00 AM	<i>Naomi Orr</i>
Completed By:	Katherine Crooks	5/20/2020 5:36:59 PM	<i>Katherine Crooks</i>
Reviewed By:	Naomi Orr	5/27/2020 4:08:26 PM	<i>Naomi Orr</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
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Chain of Custody Record

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

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information	Section D Rush Status (Subject to Scheduling)
Company: MSD 549C	Project Name: 2020 Lead Testing	Attention: Accounting	<input type="checkbox"/> Standard 10-14 Days
Address: 815 South Oakdale Avenue Medford, OR 97501	Project Number: 18-04 South	Company Name: Medford School District	<input type="checkbox"/> 5 Business Days (50% surcharge)
Email: ron.havnear@medford.k12.or.us	Report ron.havnear@medford.k12.or.us	Address: 815 South Oakdale Avenue Medford, OR 97501	<input type="checkbox"/> 3 Business Days (75% surcharge)
Phone: 541-840-4315 Fax:	Copy T andy.chasteen@medford.k12.or.us	P.O. # 61172	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Collected By (Print): Roger Moulard			<input type="checkbox"/> Other _____
Collected By (Sign): [Signature]			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Email Report <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Mail Report <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Fax Report <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Analysis Requested

No. of Containers	Analysis Requested												

**Section E
Sample Information**

Sample ID	Bottle	Matrix*	Date Collected	Time Collect	No. of Containers
Main Office Kitchenette - Sink		DW	5-19-20	8:40	1
Outside Room A207 - Drinking Fountain (Lower)		DW		8:44	1
Across From Room C119 - Drinking Fountain (Lower)		DW		9:00	1
Across From Room C219 - Drinking Fountain (Upper)		DW		9:02	1
Outside Room E108 (Band) - Drinking Fountain (Lower)		DW		9:05	1
Hallway North of Gym - Drinking Fountain (Upper)		DW		9:08	1
Kitchen Island Food Prep - Sink		DW		9:10	1
Gym Outside Room D214 - Drinking Fountain (Upper)		DW		9:13	1

NRC Workorder # <u>20050731</u> (Lab Use Only)	
Remarks/Field Data	NRC Sample # (Lab Use Only)
	01
	02
	03
	04
	05
	06
	07
	08

