



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

June 08, 2022

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

RE: South High School 2022 Lead Testing

Order No.: 22050985

Dear Ron Havniar:

Neilson Research Corporation received 4 sample(s) on 5/20/2022 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#: 22050985
Date: 6/8/2022

CLIENT: Medford School District
Project: South High School 2022 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#: 22050985
 Date Reported: 6/8/2022

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 22050985
Received Date: 5/20/2022 11:29:00 AM
Reported Date: 6/8/2022 5:25:09 PM

Sample Information:

Lab ID: 22050985-01 Client Sample ID: Concession MRR Sink (3)
 Collection Date: 5/20/2022 8:41:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Concession MRR Sink (3)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.73		0.515	ppb	1	6/2/2022	15.0	A

Lab ID: 22050985-02 Client Sample ID: Concession Stand - Sink (Handwash)
 Collection Date: 5/20/2022 8:43:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Concession Stand - Sink (Handwash)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.36		0.515	ppb	1	6/2/2022	15.0	A

Lab ID: 22050985-03 Client Sample ID: Kitchen Snack-Ice Machine
 Collection Date: 5/20/2022 9:06:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Kitchen Snack-Ice Machine

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	6/2/2022	15.0	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	

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

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Analytical Report

WO#: 22050985
 Date Reported: 6/8/2022

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 22050985
Received Date: 5/20/2022 11:29:00 AM
Reported Date: 6/8/2022 5:25:09 PM

Sample Information:

Lab ID: 22050985-04 Client Sample ID: Kitchen Steam-Oven (Upper)
 Collection Date: 5/20/2022 9:04:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Kitchen Steam-Oven (Upper)

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.47		0.515	ppb	1	6/3/2022	15.0	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	

NELAP NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

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QC SUMMARY REPORT

WO#: 22050985
 08-Jun-22

Client: Medford School District
Project: South High School 2022 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-16930	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/25/2022	RunNo: 30294
Client ID: PBW	Batch ID: 16930	TestNo: E200.8	E200.8	Analysis Date: 6/2/2022	SeqNo: 499493
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.515

Sample ID: LCS-16930	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/25/2022	RunNo: 30294
Client ID: LCSW	Batch ID: 16930	TestNo: E200.8	E200.8	Analysis Date: 6/2/2022	SeqNo: 499536
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 102 0.520 100 0 102 85 115

Sample ID: 22051000-16AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/25/2022	RunNo: 30294
Client ID: BatchQC	Batch ID: 16930	TestNo: E200.8	E200.8	Analysis Date: 6/2/2022	SeqNo: 499559
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 104 0.520 100 3.03 101 70 130

Sample ID: 22051000-16AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/25/2022	RunNo: 30294
Client ID: BatchQC	Batch ID: 16930	TestNo: E200.8	E200.8	Analysis Date: 6/2/2022	SeqNo: 499560
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 104 0.520 100 3.03 101 70 130 104 0.303 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

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Sample Log-In Check List

Client Name: **MedfordSchoolDist**

Work Order Number: **22050985**

RcptNo: **1**

Logged by:	Dorie Maier	5/20/2022 11:29:00 AM	<i>Dorie Maier</i>
Completed By:	Michelle Harsh	5/20/2022 1:45:32 PM	<i>Michelle Harsh</i>
Reviewed By:	Dorie Maier	6/8/2022 5:19:35 PM	<i>Dorie Maier</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 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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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: 2022 Lead Testing	Attention: Accounting	<input type="checkbox"/> Standard 10-14 Days
Address: 815 South Oakdale Avenue	Project Number: <i>South High School</i>	Company Name: Medford School District	<input type="checkbox"/> 5 Business Days (50% surcharge)
Medford, OR 97501	Report andy.chasteen@medford.k12.or	Address: 815 South Oakdale Avenue	<input type="checkbox"/> 3 Business Days (75% surcharge)
Email: seth.barry@medford.k12.or.us	Copy T larry.anderson@medford.k12.or	Medford, OR 97501	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Phone: 541-840-4315 Fax:		P.O. # P123000	<input type="checkbox"/> Other _____
Collected By (Print):			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Collected By (Sign):			
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 E
Sample Information**

Sample ID	Bottle	Matrix*	Date Collected	Time	No. of Containers	Analysis Requested										Remarks/Field Data	NRC Sample # (Lab Use Only)	
<i>Concession MKR Sink (3)</i>	<i>104742</i>	<i>DW</i>	<i>5/20/22</i>	<i>8:41</i>														
<i>Concession Stand-Sink (HandWash)</i>	<i>104765</i>	<i>DW</i>	<i>5/20/22</i>	<i>8:43</i>														<i>2</i>
<i>Kitchen Sink - Ice Machine</i>	<i>104791</i>	<i>DW</i>	<i>5/20/22</i>	<i>9:06</i>														<i>3</i>
<i>Kitchen Steam-Oven (Dipper)</i>	<i>104733</i>	<i>DW</i>	<i>5/20/22</i>	<i>9:04</i>														<i>4</i>
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