



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

July 23, 2025

Andy Chasteen
Medford School District
900 Kenyon St
Medford, OR 97501
TEL: 541-842-3646
FAX 541-842-1160

RE: North Medford HS Lead-AMENDED

Order No.: 25061436

Dear Andy Chasteen:

Neilson Research Corporation received 7 sample(s) on 6/27/2025 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
Director of Project Management
245 S Grape St
Medford, OR 97501



Revision v1



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Case Narrative

WO#: 25061436
Date: 7/23/2025

CLIENT: Medford School District

Project: North Medford HS Lead-AMENDED

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.

The report has been amended to include the accreditation status, which was omitted from the original version due to a clerical error. Neilson Research Corporation is, and has been, accredited by ORELAP for the analysis of lead in drinking water.

Revision v1



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Analytical Report

WO#: 25061436

Date Reported: 7/23/2025

Medford School District
900 Kenyon St
Medford, OR 97501

Lab Order: 25061436
Received Date: 6/27/2025 10:07:00 AM
Reported Date: 7/23/2025 10:30:57 AM

Sample Information:

Lab ID: 25061436-01 **Client Sample ID:** DF Next to FA-3 Spray
Collection Date: 6/27/2025 8:30:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** DF Next to FA-3 Spray

Trace Metals by EPA 200.8 ICP-MS						Analyst; KN		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	12.1	1	0.500	ppb	1	7/1/2025	15.0	A

Lab ID: 25061436-02 **Client Sample ID:** FA-Outside Dress Rm Paint Sink
Collection Date: 6/27/2025 8:40:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** FA-Outside Dress Rm Paint Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst; KN		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	7/1/2025	15.0	A

Lab ID: 25061436-03 **Client Sample ID:** FA-Girls Dressing Rm Sink
Collection Date: 6/27/2025 8:45:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** FA-Girls Dressing Rm Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst; KN		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	10.7	1	0.500	ppb	1	7/1/2025	15.0	A

QUALIFIERS	*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode
	DF	Dilution Factor	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
	R	RPD outside accepted recovery limits	RL	Reporting Limit

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

Revision v1

Results are out of the EPA limits



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Analytical Report

WO#: 25061436

Date Reported: 7/23/2025

Medford School District
900 Kenyon St
Medford, OR 97501

Lab Order: 25061436
Received Date: 6/27/2025 10:07:00 AM
Reported Date: 7/23/2025 10:30:57 AM

Sample Information:

Lab ID: 25061436-04 **Client Sample ID:** Outside TA-9 Girls RR Sink 2
Collection Date: 6/27/2025 9:10:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Outside TA-9 Girls RR Sink 2

Trace Metals by EPA 200.8 ICP-MS						Analyst; KN		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	16.8	*1	0.500	ppb	1	7/1/2025	15.0	A

Lab ID: 25061436-05 **Client Sample ID:** Outside TA-9 Girls RR R Sink 3
Collection Date: 6/27/2025 9:15:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Outside TA-9 Girls RR R Sink 3

Trace Metals by EPA 200.8 ICP-MS						Analyst; KN		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	42.2	*1	0.500	ppb	1	7/1/2025	15.0	A

Lab ID: 25061436-06 **Client Sample ID:** Outside TA-9 Girls RR N Sink 4
Collection Date: 6/27/2025 9:18:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Outside TA-9 Girls RR N Sink 4

Trace Metals by EPA 200.8 ICP-MS						Analyst; KN		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	15.2	*1	0.500	ppb	1	7/1/2025	15.0	A

QUALIFIERS	*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode
	DF	Dilution Factor	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
	R	RPD outside accepted recovery limits	RL	Reporting Limit

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Revision v1

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Analytical Report

WO#: 25061436
Date Reported: 7/23/2025

Medford School District
900 Kenyon St
Medford, OR 97501

Lab Order: 25061436
Received Date: 6/27/2025 10:07:00 AM
Reported Date: 7/23/2025 10:30:57 AM

Sample Information:

Lab ID: 25061436-07 Client Sample ID: HC-5 Sink
Collection Date: 6/27/2025 9:25:00 AM Collected By:
Matrix: Drinking Water Sample Location: HC-5 Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: KN		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	7/1/2025	15.0	A

QUALIFIERS	*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode
	DF	Dilution Factor	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
	R	RPD outside accepted recovery limits	RL	Reporting Limit

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QC SUMMARY REPORT

WO#: 25061436
23-Jul-25

Client: Medford School District
Project: North Medford HS Lead-AMENDED

TestCode: LEAD_SCHOOLS

Sample ID: MB-31951	SampType: MBLK	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/1/2025	RunNo: 60768						
Client ID: PBW	Batch ID: 31951	TestNo: E200.8	E200.8	Analysis Date: 7/1/2025	SeqNo: 997958						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID: LCS-31951	SampType: LCS	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/1/2025	RunNo: 60768						
Client ID: LCSW	Batch ID: 31951	TestNo: E200.8	E200.8	Analysis Date: 7/1/2025	SeqNo: 997959						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	104	0.500	100	0	104	85	115				

Sample ID: 25061347-01AMS	SampType: MS	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/1/2025	RunNo: 60768						
Client ID: BatchQC	Batch ID: 31951	TestNo: E200.8	E200.8	Analysis Date: 7/1/2025	SeqNo: 997961						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	99.0	0.500	100	0.129	98.8	70	130				

Sample ID: 25061347-01AMSD	SampType: MSD	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/1/2025	RunNo: 60768						
Client ID: BatchQC	Batch ID: 31951	TestNo: E200.8	E200.8	Analysis Date: 7/1/2025	SeqNo: 997963						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	96.9	0.500	100	0.129	96.8	70	130	99.0	2.10	20	

Qualifiers: * Value exceeds Maximum or Minimum Contaminant Level.
H Holding times for preparation or analysis exceeded
RL Reporting Limit

C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference

DF Dilution Factor
ND Not Detected at the Reporting Limit

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Sample Log-In Check List

Client Name: MedfordSchoolDist

Work Order Number: 25061436

RcptNo: 1

Logged by: Dorie Evans 6/27/2025 10:07:00 AM

Completed By: Victoria Schleicher 6/30/2025 10:35:31 AM

Reviewed By: Tamra Schmedemann 7/11/2025 11:17:08 AM

Dorie Evans
V Schleicher
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 ☒ NA ☐
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 $>0^{\circ}\text{C}$ 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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Chain of Custody Record

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

Page 1 of 3

Section A Required Client Information Company: MSD 549C Address: 900 Kenyon St. Medford, OR 97501 Email: seth.barry@medford.k12.or.us Phone: 541-601-5183 Fax: Collected By (Print): <u>Andrew R. Lee</u> Collected By (Sign): <u>[Signature]</u> Email Report ☐ Yes ☐ No Mail Report ☐ Yes ☐ No Fax Report ☐ Yes ☐ No	Section B Required Project Information Project Name: <u>North medford H.S.</u> Project Number: <u>Lead Retest</u> Report To: andy.chasteen@medford.k12.or.us Copy To: larry.anderson@medford.k12.or.us	Section C Invoice Information Attention: Accounting Company Name: Medford School District Address: 900 Kenyon St. Medford, OR 97501 P.O. # P123000	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
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Section E Sample Information					No. of Containers	Analysis Requested										NRC Workorder # <u>25061436</u> (Lab Use Only)	
Sample ID	Bottle	Matrix*	Date Collected	Time												Remarks/Field Data	NRC Sample # (Lab Use Only)
ITX Rem next to FA-3 Spray 114	170	DW	6/27/25	8:30	1												01
FA - outside Drwg km Point Sink 114/161	171	DW	6/27/25	8:40	1												02
FA - Girls Drwg km Sink 114	171	DW	6/27/25	8:45	1												03
outside TA-9 Girls RR Sink 2	114	DW	6/27/25	8:10	1												04
outside TA-9 Girls RR R. Sink 3	114	DW	6/27/25	8:15	1												05
outside TA-9 Girls RR W. Sink 4	114	DW	6/27/25	8:15	1												06
HC - 5 Sink	114	DW	6/27/25	9:05	1												07
		DW															
		DW															
		DW															
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*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

Section F Relinquish/Receive				Section G Lab Use Only	
Relinquished By: <u>[Signature]</u>	Sign	Print	Date	Time	Temp: <u>AMB</u>
Received By:		<u>Andrew R. Lee</u>	<u>6/27/25</u>	<u>10:07</u>	4°C +/- 2°C: Yes ☐ No ☒
Relinquished By:					Received on Ice: Yes ☐ No ☒
Received By:					Number of Bottles Received: <u>7</u>
Relinquished By:					pH Checked: <u>-</u>
Received By Laboratory: <u>[Signature]</u>		<u>DORIE EVANS</u>	<u>6/27/25</u>	<u>10:07</u>	COC Seals Intact: Yes ☐ No ☒ (NA)
					Field Blank Included: Yes ☐ No ☒ (NA)
					Received Via ☐ UPS ☐ FedEx ☐ Other ☒ Hand
Payment: <u>Invoice</u> Cash ☐ VISA, M/C ☐ Check # ☐ Amount ☐					

-
- A Total Alkalinity and Bicarbonate Alkalinity results are to a pH endpoint of 4.5. Carbonate Alkalinity result is to a pH endpoint of 8.3.
 - A-LL The total low level alkalinity results are to a pH endpoint of 4.3-4.7 pH units per SM 2320 B.
 - B Analyte detected in the associated method blank.
 - C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
 - C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
 - CF Results confirmed by re-analysis.
 - CU Cleanup performed as specified by method.
 - E Estimated value.
 - ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
 - FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
 - HP Sample re-analysis performed outside of method specified holding time.
 - HR Sample received outside of method specified holding time.
 - HS Sample analyzed for volatile organics contained headspace.
 - HT At the client's request, the sample was analyzed outside of method specified holding time.
 - H Analysis performed outside of method specified holding time.
 - J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
 - L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
 - MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
 - N See Case Narrative on page 2 of report.
 - Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS), and/or matrix spikes exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
 - R Relative percent difference (RPD) is outside of the accepted recovery limits.
 - R1 The numerical difference between the parent sample and the duplicate (DUP) is outside of the accepted recovery limits. Greater than 5 degrees for Flashpoint, or greater than 0.1 pH units for pH.
 - R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
 - R4 The Relative percent difference (RPD) is not within control limits because the concentration of the sample result is too low to represent proper statistical error.
 - R5 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30% because the results are too low to represent proper statistical error. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series. The sample results are not affected.
 - R6 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30%. This may indicate a possible matrix interference. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series.
 - S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
 - S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
 - SC Sub-contracted to another laboratory for analysis.
 - SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
 - * Value exceeds Maximum Contaminant Level or is outside the acceptable range.<<>>
 - 1 Value exceeds one half of the Maximum Contaminant Level.