



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

October 27, 2021

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

RE: Oak Grove Elementary 2021 Lead Testing

Order No.: 21100604

Dear Ron Havniar:

Neilson Research Corporation received 2 sample(s) on 10/15/2021 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#: 21100604  
Date: 10/27/2021

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**CLIENT:** Medford School District  
**Project:** Oak Grove Elementary 2021 Lead Testing

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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#: 21100604  
 Date Reported: 10/27/2021

Medford School District  
 815 S Oakdale Ave  
 Medford , OR 97501

**Lab Order:** 21100604  
**Received Date:** 10/15/2021 12:00:00 PM  
**Reported Date:** 10/27/2021 10:08:48 AM

Sample Information:

**Lab ID:** 21100604-01      Client Sample ID: Inside Kit Uni Bath West  
 Collection Date: 10/15/2021 6:00:00 AM      Collected By: Seth Barry  
 Matrix: Drinking Water      Sample Location: Inside Kit Uni Bath West

Trace Metals by EPA 200.8 ICP-MS								Analyst:	SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	13.8		0.500	ppb	1	10/18/2021	15.0	A	

**Lab ID:** 21100604-02      Client Sample ID: Inside Kit Uni Bath East  
 Collection Date: 10/15/2021 6:05:00 AM      Collected By: Seth Barry  
 Matrix: Drinking Water      Sample Location: Inside Kit Uni Bath East

Trace Metals by EPA 200.8 ICP-MS								Analyst:	SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	11.4		0.500	ppb	1	10/18/2021	15.0	A	

<b>QUALIFIERS</b>	* 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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# QC SUMMARY REPORT

WO#: 21100604  
 27-Oct-21

**Client:** Medford School District  
**Project:** Oak Grove Elementary 2021 Lead Testing

**TestCode:** LEAD\_DW

Sample ID: <b>MB-14512</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>10/18/2021</b>	RunNo: <b>25301</b>						
Client ID: <b>PBW</b>	Batch ID: <b>14512</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/18/2021</b>	SeqNo: <b>405855</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID: <b>LCS-14512</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>10/18/2021</b>	RunNo: <b>25301</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>14512</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/18/2021</b>	SeqNo: <b>405856</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	99.9	0.500	100	0	99.9	85	115				

Sample ID: <b>21100611-01AMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>10/18/2021</b>	RunNo: <b>25301</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>14512</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/18/2021</b>	SeqNo: <b>405858</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	92.8	0.500	100	0.0660	92.8	70	130				




Sample ID: <b>21100611-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>10/18/2021</b>	RunNo: <b>25301</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>14512</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/18/2021</b>	SeqNo: <b>405859</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	92.1	0.500	100	0.0660	92.0	70	130	92.8	0.806	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: **21100604** RcptNo: **1**

Logged by: <b>Jordan Diemer</b>	<b>10/15/2021 12:00:00 PM</b>	
Completed By: <b>Sara Stephens</b>	<b>10/19/2021 5:22:04 PM</b>	
Reviewed By: <b>Dorie Maier</b>	<b>10/27/2021 10:04:29 AM</b>	

**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"/>		

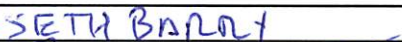
18. Additional remarks:  
The sample submitted for Sample ID 21100604-02A contained visible sediments.

**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.

<b>Section A</b> Required Client Information	<b>Section B</b> Required Project Information	<b>Section C</b> Invoice Information	<b>Section D</b> Rush Status (Subject to Scheduling)
Company: MSD 549C	Project Name: 2021 Lead Testing	Attention: Accounting	<input type="checkbox"/> Standard 10-14 Days
Address: 815 South Oakdale Avenue	Project Number:	Company Name: Medford School District	<input type="checkbox"/> 5 Business Days (50% surcharge)
Medford, OR 97501	Report <a href="mailto:ron.havnear@medford.k12.or.us">ron.havnear@medford.k12.or.us</a>	Address: 815 South Oakdale Avenue	<input type="checkbox"/> 3 Business Days (75% surcharge)
Email: <a href="mailto:ron.havnear@medford.k12.or.us">ron.havnear@medford.k12.or.us</a>	Copy T <a href="mailto:andy.chasteen@medford.k12.or.us">andy.chasteen@medford.k12.or.us</a>	Medford, OR 97501	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Phone: 541-840-4315 Fax:		P.O. # 61172	<input type="checkbox"/> Other _____
Collected By (Print): <u>SETH BARLEY</u>			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 OAK GROVE ELEM.

Sample ID	Bottle	Matrix*	Date Collected	Time	No. of Containers	Analysis Requested										Remarks/Field Data	NRC Sample # (Lab Use Only)	
												NRC Workorder # (Lab Use Only)						
<u>INSIDE KIT VNI BATH WEST</u>		<u>DW</u>	<u>10/15</u>	<u>6:00</u>														<u>1</u>
<u>INSIDE KIT VNI BATH EAST</u>		<u>DW</u>	<u>10/15</u>	<u>6:05</u>														<u>2</u>
		<u>DW</u>																
		<u>DW</u>																
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