



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

March 17, 2020

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

RE: 18-44 Oak Grove 2020 Lead Testing

Order No.: 20030393

Dear Ron Havniar:

Neilson Research Corporation received 4 sample(s) on 3/9/2020 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



**NEILSON  
RESEARCH  
CORPORATION**

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## Case Narrative

WO#: 20030393  
Date: 3/17/2020

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**CLIENT:** Medford School District  
**Project:** 18-44 Oak Grove 2020 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#: 20030393  
 Date Reported: 3/17/2020

Medford School District  
 815 S Oakdale Ave  
 Medford, OR 97501

**Lab Order:** 20030393  
**Received Date:** 3/9/2020 12:12:00 PM  
**Reported Date:** 3/17/2020 11:09:15 AM

Sample Information:

**Lab ID:** 20030393-01      Client Sample ID: Multipurpose Rm-Drinking Fountain  
 Collection Date: 3/9/2020 11:42:00 AM      Collected By:  
 Matrix: Drinking Water      Sample Location: Multipurpose Rm-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst:	SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.000554		0.000100	mg/L	1	3/10/2020	0.0150	A	

**Lab ID:** 20030393-02      Client Sample ID: Rm 1-Drinking Fountain  
 Collection Date: 3/9/2020 11:46:00 AM      Collected By:  
 Matrix: Drinking Water      Sample Location: Rm 1-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst:	SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00118		0.000100	mg/L	1	3/10/2020	0.0150	A	

**Lab ID:** 20030393-03      Client Sample ID: Rm 9-Drinking Fountain  
 Collection Date: 3/9/2020 11:48:00 AM      Collected By:  
 Matrix: Drinking Water      Sample Location: Rm 9-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst:	SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.000480		0.000100	mg/L	1	3/10/2020	0.0150	A	

<b>QUALIFIERS</b>	* 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#: 20030393  
 Date Reported: 3/17/2020

Medford School District  
 815 S Oakdale Ave  
 Medford , OR 97501

**Lab Order:** 20030393  
**Received Date:** 3/9/2020 12:12:00 PM  
**Reported Date:** 3/17/2020 11:09:15 AM

Sample Information:

**Lab ID:** 20030393-04      Client Sample ID: Rm 26-Drinking Fountain  
 Collection Date: 3/9/2020 11:51:00 AM      Collected By:  
 Matrix: Drinking Water      Sample Location: Rm 26-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000378		0.000100	mg/L	1	3/10/2020	0.0150	A

<b>QUALIFIERS</b>	* 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#: 20030393

17-Mar-20

**Client:** Medford School District  
**Project:** 18-44 Oak Grove 2020 Lead Testing

**TestCode:** LEAD\_DW

Sample ID: <b>MB-3303</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/10/2020</b>	RunNo: <b>8237</b>						
Client ID: <b>PBW</b>	Batch ID: <b>3303</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/10/2020</b>	SeqNo: <b>149429</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000100

Sample ID: <b>LCS-3303</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/10/2020</b>	RunNo: <b>8237</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>3303</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/10/2020</b>	SeqNo: <b>149430</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.109 0.000100 0.1000 0 109 85 115

Sample ID: <b>20030396-01BMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/10/2020</b>	RunNo: <b>8237</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>3303</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/10/2020</b>	SeqNo: <b>149438</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.104 0.000100 0.1000 0.00001400 104 70 130

Sample ID: <b>20030396-01BMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>3/10/2020</b>	RunNo: <b>8237</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>3303</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>3/10/2020</b>	SeqNo: <b>149439</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.105 0.000100 0.1000 0.00001400 105 70 130 0.1044 0.654 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: **20030393** RcptNo: **1**

Logged by:	<b>Sarah Spence</b>	<b>3/9/2020 12:12:00 PM</b>	<i>Sarah Spence</i>
Completed By:	<b>Katherine Crooks</b>	<b>3/9/2020 5:33:00 PM</b>	<i>Katherine Crooks</i>
Reviewed By:	<b>Tamra Schmedemann</b>	<b>3/17/2020 11:02:32 AM</b>	<i>Tamra Schmedemann</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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