



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

October 11, 2020

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

RE: 18-05 Central 2020 Lead Testing

Order No.: 20100190

Dear Ron Havniar:

Neilson Research Corporation received 11 sample(s) on 10/5/2020 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#: 20100190
Date: 10/11/2020

CLIENT: Medford School District
Project: 18-05 Central 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.

Original



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Analytical Report

WO#: 20100190
 Date Reported: 10/11/2020

Medford School District
 815 S Oakdale Ave
 Medford , OR 97501

Lab Order: 20100190
Received Date: 10/5/2020 10:51:00 AM
Reported Date: 10/11/2020 11:58:57 AM

Sample Information:

Lab ID: 20100190-01 Client Sample ID: Room 1102-Sink
 Collection Date: 10/5/2020 10:04:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1102-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000111		0.000103	mg/L	1	10/7/2020	0.0150	A

Lab ID: 20100190-02 Client Sample ID: Room 1103-Sink
 Collection Date: 10/5/2020 10:05:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1103-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.000103	mg/L	1	10/7/2020	0.0150	A

Lab ID: 20100190-03 Client Sample ID: Room 1104-Sink
 Collection Date: 10/5/2020 10:09:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1104-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.000103	mg/L	1	10/7/2020	0.0150	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	

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Analytical Report

WO#: 20100190
 Date Reported: 10/11/2020

Medford School District
 815 S Oakdale Ave
 Medford , OR 97501

Lab Order: 20100190
Received Date: 10/5/2020 10:51:00 AM
Reported Date: 10/11/2020 11:58:57 AM

Sample Information:

Lab ID: 20100190-04 Client Sample ID: Room 1107-Sink
 Collection Date: 10/5/2020 10:11:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1107-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.000103	mg/L	1	10/7/2020	0.0150	A

Lab ID: 20100190-05 Client Sample ID: Room 1108-Sink
 Collection Date: 10/5/2020 10:14:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1108-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.000103	mg/L	1	10/7/2020	0.0150	A

Lab ID: 20100190-06 Client Sample ID: Room 1109-Sink
 Collection Date: 10/5/2020 10:15:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1109-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.000103	mg/L	1	10/7/2020	0.0150	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	

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Analytical Report

WO#: 20100190
 Date Reported: 10/11/2020

Medford School District
 815 S Oakdale Ave
 Medford , OR 97501

Lab Order: 20100190
Received Date: 10/5/2020 10:51:00 AM
Reported Date: 10/11/2020 11:58:57 AM

Sample Information:

Lab ID: 20100190-07 Client Sample ID: Room 1110-Sink
 Collection Date: 10/5/2020 10:17:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1110-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.000103	mg/L	1	10/7/2020	0.0150	A

Lab ID: 20100190-08 Client Sample ID: Room 1119-Sink
 Collection Date: 10/5/2020 10:19:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1119-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000122		0.000103	mg/L	1	10/7/2020	0.0150	A

Lab ID: 20100190-09 Client Sample ID: Room 1122-Sink
 Collection Date: 10/5/2020 10:21:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1122-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000148		0.000103	mg/L	1	10/7/2020	0.0150	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	

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Analytical Report

WO#: 20100190
 Date Reported: 10/11/2020

Medford School District
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 Medford , OR 97501

Lab Order: 20100190
Received Date: 10/5/2020 10:51:00 AM
Reported Date: 10/11/2020 11:58:57 AM

Sample Information:

Lab ID: 20100190-10 Client Sample ID: Room 1123-Sink
 Collection Date: 10/5/2020 10:23:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1123-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000135		0.000103	mg/L	1	10/7/2020	0.0150	A

Lab ID: 20100190-11 Client Sample ID: Room 1123-Drinking Fountain
 Collection Date: 10/5/2020 10:24:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Room 1123-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		0.000103	mg/L	1	10/6/2020	0.0150	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	

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QC SUMMARY REPORT

WO#: 20100190
 11-Oct-20

Client: Medford School District
Project: 18-05 Central 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-6162	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 10/6/2020	RunNo: 15096						
Client ID: PBW	Batch ID: 6162	TestNo: E200.8	E200.8	Analysis Date: 10/6/2020	SeqNo: 227511						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead ND 0.000103

Sample ID: LCS-6162	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 10/6/2020	RunNo: 15096						
Client ID: LCSW	Batch ID: 6162	TestNo: E200.8	E200.8	Analysis Date: 10/6/2020	SeqNo: 227512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.101 0.000104 0.1000 0 101 85 115

Sample ID: 20100190-11AMS	SampType: MS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 10/6/2020	RunNo: 15096						
Client ID: Room 1123-Drinking	Batch ID: 6162	TestNo: E200.8	E200.8	Analysis Date: 10/6/2020	SeqNo: 227514						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.0991 0.000104 0.1000 0.0003780 98.8 70 130

Sample ID: 20100190-11AMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 10/6/2020	RunNo: 15096						
Client ID: Room 1123-Drinking	Batch ID: 6162	TestNo: E200.8	E200.8	Analysis Date: 10/6/2020	SeqNo: 227515						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 0.0985 0.000104 0.1000 0.0003780 98.1 70 130 0.09915 0.669 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

Original

Sample Log-In Check List

Client Name: MedfordSchoolDist	Work Order Number: 20100190	RcptNo: 1
Logged by: Sarah Spence	10/5/2020 10:51:00 AM	<i>Sarah Spence</i>
Completed By: Krizzle Calip	10/6/2020 1:15:37 PM	<i>Krizzle Calip</i>
Reviewed By: Tamra Schmedemann	10/11/2020 11:55:22 AM	<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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