



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

March 10, 2020

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

RE: 18-08 McLoughlin 2020 Lead Testing

Order No.: 20030148

Dear Ron Havniar:

Neilson Research Corporation received 8 sample(s) on 3/4/2020 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



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Case Narrative

WO#: 20030148
Date: 3/10/2020

CLIENT: Medford School District
Project: 18-08 McLoughlin 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#: 20030148
 Date Reported: 3/10/2020

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 20030148
Received Date: 3/4/2020 9:22:00 AM
Reported Date: 3/10/2020 4:39:22 PM

Sample Information:

Lab ID: 20030148-01 Client Sample ID: Black Gym-Drinking Fountain
 Collection Date: 3/4/2020 8:45:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Black Gym-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000259		0.000103	mg/L	1	3/5/2020	0.0150	A

Lab ID: 20030148-02 Client Sample ID: Gold Gym-Drinking Fountain
 Collection Date: 3/4/2020 8:42:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Gold Gym-Drinking Fountain

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	3/5/2020	0.0150	A

Lab ID: 20030148-03 Client Sample ID: Rm 107-Drinking Fountain
 Collection Date: 3/4/2020 8:40:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Rm 107-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000633		0.000103	mg/L	1	3/5/2020	0.0150	A

QUALIFIERS	* 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#: 20030148
 Date Reported: 3/10/2020

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 20030148
Received Date: 3/4/2020 9:22:00 AM
Reported Date: 3/10/2020 4:39:22 PM

Sample Information:

Lab ID: 20030148-04 Client Sample ID: Rm 103-Drinking Fountain (R-N Wall)
 Collection Date: 3/4/2020 8:38:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Rm 103-Drinking Fountain (R-N Wall)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000327		0.000103	mg/L	1	3/5/2020	0.0150	A

Lab ID: 20030148-05 Client Sample ID: Outside Media Center in Hallway-DF
 Collection Date: 3/4/2020 8:36:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Outside Media Center in Hallway-DF

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	3/5/2020	0.0150	A

Lab ID: 20030148-06 Client Sample ID: Band Rm Storage Rm-Drinking Fountain
 Collection Date: 3/4/2020 8:50:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Band Rm Storage 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	0.000194		0.000103	mg/L	1	3/5/2020	0.0150	A

QUALIFIERS	* 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#: 20030148
 Date Reported: 3/10/2020

Medford School District
 815 S Oakdale Ave
 Medford, OR 97501

Lab Order: 20030148
Received Date: 3/4/2020 9:22:00 AM
Reported Date: 3/10/2020 4:39:22 PM

Sample Information:

Lab ID: 20030148-07 Client Sample ID: Outside Rm 221-Drinking Fountain
 Collection Date: 3/4/2020 8:55:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Outside Rm 221-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000309		0.000103	mg/L	1	3/5/2020	0.0150	A

Lab ID: 20030148-08 Client Sample ID: Rm 215 (Culinary)-Sink (F)
 Collection Date: 3/4/2020 8:59:00 AM Collected By:
 Matrix: Drinking Water Sample Location: Rm 215 (Culinary)-Sink (F)

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000413		0.000103	mg/L	1	3/5/2020	0.0150	A

QUALIFIERS	* 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#: 20030148

11-Mar-20

Client: Medford School District
Project: 18-08 McLoughlin 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-3278	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/5/2020	RunNo: 8127						
Client ID: PBW	Batch ID: 3278	TestNo: E200.8	E200.8	Analysis Date: 3/5/2020	SeqNo: 147499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.000103									

Sample ID: LCS-3278	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/5/2020	RunNo: 8127						
Client ID: LCSW	Batch ID: 3278	TestNo: E200.8	E200.8	Analysis Date: 3/5/2020	SeqNo: 147500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.102	0.000104	0.1000	0	102	85	115				

Sample ID: 20030146-01AMS	SampType: MS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/5/2020	RunNo: 8127						
Client ID: BatchQC	Batch ID: 3278	TestNo: E200.8	E200.8	Analysis Date: 3/5/2020	SeqNo: 147515						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.103	0.000104	0.1000	0.003029	99.7	70	130				

Sample ID: 20030146-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 3/5/2020	RunNo: 8127						
Client ID: BatchQC	Batch ID: 3278	TestNo: E200.8	E200.8	Analysis Date: 3/5/2020	SeqNo: 147516						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.105	0.000104	0.1000	0.003029	102	70	130	0.1028	2.51	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: **20030148** RcptNo: **1**

Logged by:	Sarah Spence	3/4/2020 9:22:00 AM	<i>Sarah Spence</i>
Completed By:	Vincenza Gill	3/4/2020 10:04:39 AM	<i>Vincenza Gill</i>
Reviewed By:	Naomi Orr	3/10/2020 4:35:04 PM	<i>Naomi Orr</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
1	Ambient	Good	Not Present			VG

