

March 20, 2020

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

RE: 18-00 Central 2020 Lead Testing

Order No.: 20030605

Dear Ron Havniear:

Neilson Research Corporation received 8 sample(s) on 3/13/2020 for the analyses presented in the following report.

Neilson Research Corporation

Website: www.nrclabs.com

TEL: (541) 770-5678 FAX: (541) 770-2901

245 S Grape St Medford, OR 97501

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

Tama Stimedeman

Tamra Schmedemann Senior Project Manager 245 S Grape St Medford, OR 97501



#### **Case Narrative**

WO#:20030605Date:3/20/2020

CLIENT: Medford School District Project: 18-00 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.



#### **Analytical Report**

Lab Order: 20030605

Received Date: 3/13/2020 8:24:00 AM

Reported Date: 3/20/2020 10:23:43 AM

 WO#:
 20030605

 Date Reported:
 3/20/2020

Medford School District 815 S Oakdale Ave Medford , OR 97501

Sample Information:

Lab ID:	20030605-01		Clier	nt Sample ID:	Acros	ss From	Room 126 - DF (	Hallway)	
Collection Date:	3/13/2020 7:45:00	AM	Colle	ected By:					
Matrix:	Drinking Water		Samj	ple Location:	Acros	ss From	Room 126 - DF (	Hallway)	
Trace Metals by EP	A 200.8 ICP-MS				A	nalyst;	SJS		
Analyses		Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead		0.000560		0.000103	mg/L	1	3/17/2020	0.0150	А
Lab ID:	20030605-02		Clier	nt Sample ID:	Hallw	vay in Fr	ont of Main Offic	ce - DF (l	Lower)
Collection Date:	3/13/2020 7:48:00	AM	Colle	ected By:					
Matrix:	Drinking Water		Samj	ple Location:	Hallw	vay in Fr	ont of Main Offic	ce - DF (l	Lower)
Trace Metals by EP	A 200.8 ICP-MS				A	nalyst;	SJS		
Analyses		Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead		0.000112		0.000103	mg/L	1	3/17/2020	0.0150	А
Lab ID:	20030605-03		Clier	nt Sample ID:	Roon	n 108 Lit	ttle Theater - DF		
Collection Date:	3/13/2020 7:52:00	AM	Colle	ected By:					
Matrix:	Drinking Water		Samj	ple Location:	Roon	n 108 Lit	ttle Theater - DF		
Trace Metals by EP	A 200.8 ICP-MS				A	nalyst;	SJS		
Analyses		Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status

S	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
Ë	Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded
5	J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
S.	ND	Not Detected at the Reporting Limit	PL	Permit Limit
ø	R	RPD outside accepted recovery limits		



#### **Analytical Report**

Lab Order: 20030605

Received Date: 3/13/2020 8:24:00 AM

Reported Date: 3/20/2020 10:23:43 AM

 WO#:
 20030605

 Date Reported:
 3/20/2020

Medford School District 815 S Oakdale Ave Medford , OR 97501

Sample Information:

Lab ID:	20030605-04			t Sample ID:	Hallw	vay in Fr	ont of Room 1	44 - DF	
Collection Date:	3/13/2020 7:54:00	AM	Colle	ected By:					
Matrix:	Drinking Water		Sam	ole Location:	Hallw	vay in Fr	ont of Room 1	44 - DF	
Trace Metals by EP	A 200.8 ICP-MS				A	nalyst;	SJS		
Analyses		Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead		0.00117		0.000103	mg/L	1	3/17/2020	0.0150	А
Lab ID:	20030605-05		Clier	nt Sample ID:	Kitch	en - Sinl	k (Food Prep -	Island)	
Collection Date:	3/13/2020 7:56:00	AM	Colle	ected By:					
Matrix:	Drinking Water		Samj	ole Location:	Kitch	en - Sinl	k (Food Prep -	Island)	
Trace Metals by EP	A 200.8 ICP-MS				A	nalyst;	SJS		
Analyses		Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead		0.00307		0.000103	mg/L	1	3/17/2020	0.0150	A
Lab ID:	20030605-06		Clier	nt Sample ID:	Outsi	de Roon	n 226 in Hall -	DF (Lower)	
Collection Date:	3/13/2020 8:00:00	AM	Colle	ected By:					
Matrix:	Drinking Water		Samj	ple Location:	Outsi	de Roon	n 226 in Hall -	DF (Lower)	
Trace Metals by EPA 200.8 ICP-MS					А	nalyst;	SJS		
Analyses		Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead		0.000661		0.000103	mg/L	1	3/17/2020	0.0150	А

*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
Е	Value above quantitation range	Н	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MI	Recovery outside comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
R	RPD outside accepted recovery limits		
	* E J ND R	<ul><li>E Value above quantitation range</li><li>J Analyte detected below quantitation limits</li><li>ND Not Detected at the Reporting Limit</li></ul>	EValue above quantitation rangeHJAnalyte detected below quantitation limitsMINDNot Detected at the Reporting LimitPL



#### **Analytical Report**

WO#: 20030605 Date Reported: 3/20/2020

Medford School District 815 S Oakdale Ave Medford, OR 97501

Sample Information:

Lab Order: 20030605 Received Date: 3/13/2020 8:24:00 AM Reported Date: 3/20/2020 10:23:43 AM

Lab ID: Collection Date: Matrix:	<b>20030605-07</b> 3/13/2020 8:02:00 AM Drinking Water	Colle	nt Sample ID: ected By: ple Location:		×	aff Break Roor aff Break Roor	,			
Trace Metals by EP	A 200.8 ICP-MS			A	nalyst;	SJS				
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status		
Lead	Lead ND			mg/L	1	3/17/2020	0.0150	А		
Lab ID:	20030605-08		Client Sample ID: In Main Gym (SE Corner) - DF							
Collection Date:	3/13/2020 8:08:00 AM	Colle	ected By:							
Matrix:	Drinking Water	Sam	ple Location:	In Ma	in Gym	(SE Corner) - I	DF			
Trace Metals by EP	A 200.8 ICP-MS			A	nalyst;	SJS				
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status		
Lead	0.000525		0.000103	mg/L	1	3/17/2020	0.0150	А		

2	*	Value exceeds Maximum Contaminant Level.
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- Е Value above quantitation range
- J Analyte detected below quantitation limits
- QUALIFIEF ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcod
- Н Holding times for preparation or analysis exceeded
- MI Recovery outside comtrol limits due to Matrix Interference
- PL Permit Limit



## QC SUMMARY REPORT

WO#: 20030605

20-Mar-20

Client: Project:	Medford School 18-00 Central 20							ŗ	FestCode: I	LEAD_DW		
Sample ID:		SampType: MBLK		de: LEAD_DW	J.		Prep Dat			RunNo: 837		
Client ID:	PBW	Batch ID: 3346	TestN	lo: <b>E200.8</b>	E200.8		Analysis Dat	e: 3/17/2	020	SeqNo: 151	615	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND	0.000103									
Sample ID:	LCS-3346	SampType: LCS	TestCoo	de: LEAD_DW	Units: mg/L		Prep Dat	e: <b>3/16/2</b>	020	RunNo: 837	/4	
Client ID:	LCSW	Batch ID: 3346	TestN	lo: <b>E200.8</b>	E200.8		Analysis Dat	e: <b>3/17/2</b>	020	SeqNo: 151	616	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.0994	0.000104	0.1000	0	99.4	85	115				
Sample ID:	20030599-01AMS	SampType: MS	TestCoo	de: LEAD_DW	Units: mg/L		Prep Dat	e: <b>3/16/2</b>	020	RunNo: 837	/4	
Client ID:	BatchQC	Batch ID: 3346	TestN	lo: <b>E200.8</b>	E200.8		Analysis Dat	e: <b>3/17/2</b>	020	SeqNo: 151	625	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.110	0.000104	0.1000	0.0005809	109	70	130				
Sample ID:	20030599-01AMSD	SampType: MSD	TestCoo	de: LEAD_DW	Units: mg/L		Prep Dat	e: <b>3/16/2</b>	020	RunNo: 837	/4	
Client ID:	BatchQC	Batch ID: 3346	TestN	lo: <b>E200.8</b>	E200.8		Analysis Dat	e: 3/17/2	020	SeqNo: 151	626	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.0968	0.000104	0.1000	0.0005809	96.3	70	130	0.1097	12.5	20	
Qualifiers:	C1 Sample container t ND Not Detected at th	temperature is out of limit as specifie e Reporting Limit	ed at testcode	H Holding PL Permit l	g times for preparation or ana Limit	lysis exceeded		MI RL	Recovery outside con Reporting Detection I		ix In	
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风日	NEILSON
	RESEARCH
	CORPORATION

## Sample Log-In Check List

Client Nam	ne: MedfordSchoolE	Dist Work Orde	er Number: 200306	05		RcptNo	: 1
Logged by	: Sarah Spence	3/13/2020 8	:24:00 AM	C.	larah NOpe	nae)	
Completed	By: Michelle Harsh	3/16/2020 1	:42:00 PM	M	iende	nae) Harr	
Reviewed	By: Tamra Schmede	emann 3/20/2020 1	0:18:30 AM	_	Taming S		
<u>Chain of</u>	Custody			_			
1. Is Cha	ain of Custody complete	e?	Yes	✓	No 🗌	Not Present	
2. How v	vas the sample delivere	ed?	<u>Clien</u>	<u>t</u>			
<u>Log In</u>							
-	rs are present?		Yes		No 🗌		
4 Shippi	ing container/cooler in	good condition?	Yes	✓	No 🗌		
	dy seals intact on shipp	-			No 🗌	Not Present 🗹	
No.		Seal Date:		ed By:			
	an attempt made to coc		Yes		No 🗌	NA 🗹	
6. Were	all samples received a	t a temperature of >0° C to	6.0°C Yes		No 🗌	NA 🗹	
7. Samp	le(s) in proper containe	er(s)?	Yes	✓	No 🗌		
8. Suffic	ient sample volume for	indicated test(s)?	Yes	✓	No 🗌		
9. Are sa	amples (except VOA ar	nd ONG) properly preserved	? Yes	✓	No 🗌		
10. Was p	preservative added to b	ottles?	Yes	✓	No 🗌	NA 🗌	
						HNO3 pH < 2	2
11. Is the	headspace in the VOA	vials less than 1/4 inch or 6	6 mm? Yes		No 🗌	No VOA Vials 🗹	
12. Were	any sample containers	received broken?	Yes		No 🗸		
	paperwork match bottle discrepancies on chair		Yes	✓	No 🗌		
14. Are m	atrices correctly identif	ied on Chain of Custody?	Yes	✓	No 🗌		
	ear what analyses were		Yes	✓	No 🗌		
16. Were	all holding times able to	o be met?	Yes	✓	No 🗌		
	notify customer for aut	,					
-	Handling (if applic						
17. Was o	client notified of all disc	repancies with this order?	Yes		No 🗌	NA 🗹	
F	Person Notified:		Date:				
E	By Whom:		Via: 🗌 eMa	I 🗌 Phon	e 🗌 Fax	In Person	
F	Regarding:						
(	Client Instructions:						
18. Additi	onal remarks:						]
-	Sample beige in color						
Cooler Info							

Cooler No	Temp ⁰C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	Ambient	Good				NKO



#### Environmental Testing Laboratory

245 South Grape Street \* Medford, OR 97501 (541) 770-5678 fax (541) 770-2901

# **Chain of Custody Record**

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

Page \_1\_ of \_3\_

Section A Section B Section C Section D **Required Client Information Required Project Information** Invoice Information Rush Status (Subject to Scheduling) **MSD 549C** Company: Project Name: 2020 Lead Testing Attention: Accounting Standard 10-14 Days 815 South Oakdale Avenue Address: 18-00 Central Project Number: Company Name: Medford School District 5 Business Days (50% surcharge) Medford, OR 97501 Report ron.havniear@medford.k12.or.uAddress: 815 South Oakdale Avenue 3 Business Days (75% surcharge) ron.havniear@medford.k12.or.us Email: Copy T andy.chasteen@medford.k12.orMedford, OR 97501 24 - 48 hours (100% surcharge) Phone: 541-840-4315 Fax: P.O. # 61172 Other Collected By (Print): Authorized No Yes Collected By (Sign): Analysis Requested Email Report Yes No Mail Report Yes No Containers Fax Report Yes No NRC Workorder # 20030605 Section E g Sample Information đ Date Time 0 NRC Sample # Sample ID No. Bottle Matrix Remarks/Field Data Collected Collect (Lab Use Only) Across From Room 126 - Drinking Fountain (Hallway) DW 3-13-20 07:45 1 AID In Hallway In Front of Main Office - Drinking Fountain (Lower) DW 11 67.48 1 22A Room 108 Little Theater - Drinking Fountain DW NZA .. 1 71:52 In Hallway Infront of Room 144 - Drinking Fountain DW 1 NUA 11 07:54 Kitchen - Sink (Food Prep - Island) DW DSA 11 07:56 1 Outside Room 226 In The Hallway - Drinking Fountain (Lower DW t , 1 NOA 0800 Room 275 (Staff Break Room) - Sink DW 11 0802 1 ATA In Main Gym (South East Corner) - Drinking Fountain DW 1. 1 JEF 08:08 Page 8 of 9

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*Matrix: DW - Drinking Water WW - Wa	stewater	<b>VV</b> - VVa	ater 3 - 501/3	solia SL	- Slud	ge U	- 01 1	/P - W	npe C	1-0	ther				Section G	
Section F Relinquish/Receive Sign			Print						Date			Time			Lab Use Only	1
	200			Ande						3-2		08:			Temp:	in the second
Relinquished By: Sarry Croke	1002515		LARRY	Ander	son				5-1	3-2	0	00,	27	-	4°C +/- 2°C: Yes	No
Received By: F inquished By:			Sec. Sec.					1					177		Received on Ice:	Yes A No
ed By:	NH H		1992 5 19 19		1994			1							Number of Bottles Rece	
hed By: 11 , 11	дЦ., <sup>1</sup>	1.1	M	· A	1		RAN		-1	,	19.73	~			pH Checked:	A starting the second starting
Laboratory://////alloure			Mara	h	age	Re	2e		3113	312	0	8:2	24		COC Seals Intact:	Yes No NA
AT - pour and proce	-		0							1-1			1	Th.	Field Blank Included:	_Yes No

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