



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

May 09, 2023

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

RE: Annex Lead Test

Order No.: 23041081

Dear Andy Chasteen:

Neilson Research Corporation received 27 sample(s) on 4/27/2023 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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TEL: (541) 770-5678 FAX: (541) 770-2901
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Case Narrative

WO#: 23041081
Date: 5/9/2023

CLIENT: Medford School District

Project: Annex Lead Test

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#: 23041081

Date Reported: 5/9/2023

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-01 **Client Sample ID:** Facilities Brk Rm-Sink
Collection Date: 4/27/2023 6:01:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Facilities Brk Rm-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CSB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.68		0.515	ppb	1	5/3/2023	15.0	A

Lab ID: 23041081-02 **Client Sample ID:** Facilities Office-DF Bottom of Stairs
Collection Date: 4/27/2023 6:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Facilities Office-DF Bottom of Stairs

Trace Metals by EPA 200.8 ICP-MS						Analyst: CSB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.940		0.515	ppb	1	5/3/2023	15.0	A

Lab ID: 23041081-03 **Client Sample ID:** Facilities Office Men's RR-Sink(L)
Collection Date: 4/27/2023 6:03:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Facilities Office Men's RR-Sink(L)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CSB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.12		0.515	ppb	1	5/3/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

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Results are out of the EPA limits



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Analytical Report

WO#: 23041081
Date Reported: 5/9/2023

Medford School District
815 S Oakdale Ave
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Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-04 Client Sample ID: Facilities Office Men's RR-Sink(R)
Collection Date: 4/27/2023 6:04:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Facilities Office Men's RR-Sink(R)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CSB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	6.09		0.515	ppb	1	5/3/2023	15.0	A

Lab ID: 23041081-05 Client Sample ID: Facilities Office Women's RR-Sink(L)
Collection Date: 4/27/2023 6:05:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Facilities Office Women's RR-Sink(L)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CSB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.80		0.515	ppb	1	5/3/2023	15.0	A

Lab ID: 23041081-06 Client Sample ID: Facilities Office Women's RR-Sink(R)
Collection Date: 4/27/2023 6:06:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Facilities Office Women's RR-Sink(R)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CSB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.77		0.515	ppb	1	5/3/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Medford, OR 97501

Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-07 Client Sample ID: Warehouse-Ice Machine
Collection Date: 4/27/2023 6:07:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Warehouse-Ice Machine

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-08 Client Sample ID: Warehouse Unisex RR-Sink
Collection Date: 4/27/2023 6:08:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Warehouse Unisex RR-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-09 Client Sample ID: NTS Brk Rm-Sink
Collection Date: 4/27/2023 6:09:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: NTS Brk Rm-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	7.02		0.515	ppb	1	5/5/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Analytical Report

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Date Reported: 5/9/2023

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Medford, OR 97501

Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-10 Client Sample ID: NTS Women's RR-Sink
Collection Date: 4/27/2023 6:11:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: NTS Women's RR-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	17.2	*	0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-11 Client Sample ID: Publications-Sink
Collection Date: 4/27/2023 6:12:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Publications-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.65		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-12 Client Sample ID: IT Brk Rm Sink
Collection Date: 4/27/2023 6:14:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: IT Brk Rm Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/5/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-13 Client Sample ID: IT Brk Rm Ref-Ice Mkr
Collection Date: 4/27/2023 6:15:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: IT Brk Rm Ref-Ice Mkr

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	23.0	*	0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-14 Client Sample ID: Across IT Brk Rm Men's RR S (L)
Collection Date: 4/27/2023 6:16:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Across IT Brk Rm Men's RR S (L)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.51		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-15 Client Sample ID: Across IT Brk Rm Men's RR S (R)
Collection Date: 4/27/2023 6:17:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Across IT Brk Rm Men's RR S (R)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.94		0.515	ppb	1	5/5/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-16 Client Sample ID: Across IT Brk Rm Women's RR S
Collection Date: 4/27/2023 6:20:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Across IT Brk Rm Women's RR S

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.62		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-17 Client Sample ID: Upstairs (Dance Rm)-DF
Collection Date: 4/27/2023 6:21:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Upstairs (Dance Rm)-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.92		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-18 Client Sample ID: Upstairs (Police Training)-DF
Collection Date: 4/27/2023 6:22:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Upstairs (Police Training)-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.35		0.515	ppb	1	5/5/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Analytical Report

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815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-19 **Client Sample ID:** Upstairs (Police Training)-Sink
Collection Date: 4/27/2023 6:23:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Upstairs (Police Training)-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst; CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.09		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-20 **Client Sample ID:** IT/PT Shop Men's RR Sink (L)
Collection Date: 4/27/2023 6:24:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** IT/PT Shop Men's RR Sink (L)

Trace Metals by EPA 200.8 ICP-MS						Analyst; CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.82		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-21 **Client Sample ID:** IT/PT Shop Men's RR Sink (R)
Collection Date: 4/27/2023 6:25:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** IT/PT Shop Men's RR Sink (R)

Trace Metals by EPA 200.8 ICP-MS						Analyst; CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.36		0.515	ppb	1	5/5/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Analytical Report

WO#: 23041081
Date Reported: 5/9/2023

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-22 Client Sample ID: IT/PT Shop Women's RR Sink (L)
Collection Date: 4/27/2023 6:26:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: IT/PT Shop Women's RR Sink (L)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	67.4	*	0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-23 Client Sample ID: IT/PT Shop Women's RR Sink (R)
Collection Date: 4/27/2023 6:27:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: IT/PT Shop Women's RR Sink (R)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.19		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-24 Client Sample ID: Paint Booth Shop-Sink
Collection Date: 4/27/2023 6:28:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Paint Booth Shop-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.93		0.515	ppb	1	5/5/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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Lab Order: 23041081
Received Date: 4/27/2023 10:54:00 AM
Reported Date: 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-25 Client Sample ID: Carpenter Shop Men's RR Sink
Collection Date: 4/27/2023 6:30:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Carpenter Shop Men's RR Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	8.02		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-26 Client Sample ID: Metal Shop-Trough Sink (L)
Collection Date: 4/27/2023 6:31:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Metal Shop-Trough Sink (L)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.29		0.515	ppb	1	5/5/2023	15.0	A

Lab ID: 23041081-27 Client Sample ID: Metal Shop-Trough Sink (R)
Collection Date: 4/27/2023 6:32:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Metal Shop-Trough Sink (R)

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.85		0.515	ppb	1	5/5/2023	15.0	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
	PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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QC SUMMARY REPORT

WO#: 23041081

09-May-23

Client: Medford School District

Project: Annex Lead Test

TestCode: LEAD_DW

Sample ID: MB-20945	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/3/2023	RunNo: 39125
Client ID: PBW	Batch ID: 20945	TestNo: E200.8	E200.8	Analysis Date: 5/3/2023	SeqNo: 645104
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	ND	0.515			
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Sample ID: LCS-20945	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/3/2023	RunNo: 39125
Client ID: LCSW	Batch ID: 20945	TestNo: E200.8	E200.8	Analysis Date: 5/3/2023	SeqNo: 645105
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	107	0.520	100	0	107 85 115
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Sample ID: 23040950-21AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/3/2023	RunNo: 39125
Client ID: BatchQC	Batch ID: 20945	TestNo: E200.8	E200.8	Analysis Date: 5/3/2023	SeqNo: 645107
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	119	0.520	100	3.22	116 70 130
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Sample ID: 23040950-21AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/3/2023	RunNo: 39125
Client ID: BatchQC	Batch ID: 20945	TestNo: E200.8	E200.8	Analysis Date: 5/3/2023	SeqNo: 645108
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	124	0.520	100	3.22	121 70 130 119 3.85 20
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Qualifiers:	* Value exceeds Maximum Contaminant Level.	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 Interference	ND Not Detected at the Reporting Limit	PL Permit Limit
	RL Reporting Detection Limit		

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QC SUMMARY REPORT

WO#: 23041081
09-May-23

Client: Medford School District

Project: Annex Lead Test

TestCode: LEAD_DW

Sample ID: MB-20991	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: PBW	Batch ID: 20991	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646572
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	ND	0.515			
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Sample ID: LCS-20991	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: LCSW	Batch ID: 20991	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646573
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	102	0.520	100	0	102	85	115			
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Sample ID: 23041081-07AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: Warehouse-Ice Mac	Batch ID: 20991	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646575
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	101	0.520	100	0	101	70	130			
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Sample ID: 23041081-07AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: Warehouse-Ice Mac	Batch ID: 20991	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	102	0.520	100	0	102	70	130	101	1.24	20	
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Qualifiers:	* Value exceeds Maximum Contaminant Level.	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 Interference	ND Not Detected at the Reporting Limit	PL Permit Limit
RL	Reporting Detection Limit		

Original



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

QC SUMMARY REPORT

WO#: 23041081

09-May-23

Client: Medford School District

Project: Annex Lead Test

TestCode: LEAD_DW

Sample ID: MB-20992	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: PBW	Batch ID: 20992	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646600
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	ND	0.515			
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Sample ID: LCS-20992	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: LCSW	Batch ID: 20992	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646601
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	102	0.520	100	0	102 85 115
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Sample ID: 23041081-27AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: Metal Shop-Trough	Batch ID: 20992	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646603
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	104	0.520	100	3.85	100 70 130
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Sample ID: 23041081-27AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/5/2023	RunNo: 39208
Client ID: Metal Shop-Trough	Batch ID: 20992	TestNo: E200.8	E200.8	Analysis Date: 5/5/2023	SeqNo: 646604
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	104	0.520	100	3.85	100 70 130 104 0.126 20
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Qualifiers:	* Value exceeds Maximum Contaminant Level.	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 Interference	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: 23041081

RcptNo: 1

Logged by: Tamra Schmedemann 4/27/2023 10:54:00 AM

Tamra Schmedemann

Completed By: Jordan Diemer 4/28/2023 9:33:44 AM

Jordan Diemer

Reviewed By: Jordan Diemer 5/9/2023 12:02:22 PM

Jordan Diemer

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 $>0^{\circ}\text{C}$ 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: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

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.

Page 1 of 2
DWTS
5/19/23

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information	Section D Rush Status (Subject to Scheduling)
Company: MSD 549C	Project Name: Annex Lead Test	Attention: Accounting	<input type="checkbox"/> Standard 10-14 Days
Address: 900 Kenyon St.	Project Number:	Company Name: Medford School District	<input type="checkbox"/> 5 Business Days (50% surcharge)
Medford, OR 97501	Report andy.chasteen@medford.k12.or.us	Address: 900 Kenyon St.	<input type="checkbox"/> 3 Business Days (75% surcharge)
Email: seth.barry@medford.k12.or.us	Copy T larry.anderson@medford.k12.or.us	Medford, OR 97501	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Phone: 541-601-5183 Fax:		P.O. # P123000	<input type="checkbox"/> Other _____
Collected By (Print): <u>SETH BARRY</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Collected By (Sign): <u>[Signature]</u>			
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

Sample ID		Bottle	Matrix*	Date Collected	Time	No. of Containers	Analysis Requested										NRC Workorder # <u>23041081-01-27</u> (Lab Use Only)	
																	Remarks/Field Data	NRC Sample # (Lab Use Only)
Facilities Break Room - Sink			DW	4/27	6:01													01
Facilities Break Room Refrigerator - Ice Maker <u>DISCON</u>			DW															11
Facilities Office - Drinking Fountain (Bottom of Stairs/Outside Restrooms)			DW		6:02													02
Facilities Office Men's Restroom - Sink (Left)			DW		6:03													03
Facilities Office Men's Restroom - Sink (Right)			DW		6:04													04
Facilities Office Women's Restroom - Sink (Left)			DW		6:05													05
Facilities Office Women's Restroom - Sink (Right)			DW		6:06													06
Warehouse - Ice Machine			DW		6:07													07
Warehouse - Eye Wash <u>NA</u>			DW															11
Warehouse Unisex Restroom - Sink			DW		6:08													08
NTS Break Room - Sink			DW		6:09													09
NTS Men's Restroom - Sink <u>NO SAMPLE</u>			DW															11
NTS Women's Restroom - Sink			DW		6:11													10
Men's Restroom Outside NTS (C2) Entrance - Sink (Left)			DW															11
Men's Restroom Outside NTS (C2) Entrance - Sink (Middle)			DW															11
Men's Restroom Outside NTS (C2) Entrance - Sink (Right)			DW															11
Women's Restroom Outside NTS (C2) Entrance - Sink (Left)			DW															11
Women's Restroom Outside NTS (C2) Entrance - Sink (Right)			DW															11
Instructional Media Center (IMC) Break Room - Sink			DW															11
Publications - Sink			DW		6:12													11
IT Break Room - Sink			DW		6:14													12
IT Break Room Refrigerator - Ice Maker			DW		6:15													13
Across From IT Break Room Men's Restroom - Sink (Left)			DW		6:16													14
Across From IT Break Room Men's Restroom - Sink (Right)			DW		6:17													15

- A Total Alkalinity and Bicarbonate Alkalinity results are to a pH endpoint of 4.5. Carbonate Alkalinity result is to a pH endpoint of 8.3.
- B Analyte detected in the associated method blank.
- C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
- C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
- CF Results confirmed by re-analysis.
- CU Cleanup performed as specified by method.
- E Estimated value.
- ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
- FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
- HP Sample re-analysis performed outside of method specified holding time.
- HR Sample received outside of method specified holding time.
- HS Sample analyzed for volatile organics contained headspace.
- HT At the client's request, the sample was analyzed outside of method specified holding time.
- H Analysis performed outside of method specified holding time.
- J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
- L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
- MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
- N See Case Narrative on page 2 of report.
- Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
- R Relative percent difference (RPD) is outside of the accepted recovery limits.
- R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
- R4 The Relative percent difference (RPD) is not within control limits because the concentration of the sample result is too low to represent proper statistical error.
- S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
- S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
- SC Sub-contracted to another laboratory for analysis.
- SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
- * Value exceeds Maximum Contaminant Level or is outside the acceptable range.