



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

August 14, 2023

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

RE: Innovation Academy Lead Testing

Order No.: 23080118

Dear Andy Chasteen:

Neilson Research Corporation received 25 sample(s) on 8/2/2023 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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Case Narrative

WO#: 23080118
Date: 8/14/2023

CLIENT: Medford School District

Project: Innovation Academy 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#: 23080118

Date Reported: 8/14/2023

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-01 Client Sample ID: Kitchen-Left Sink
Collection Date: 8/2/2023 7:55:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Kitchen-Left Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.51		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-02 Client Sample ID: Kitchen-Right Sink
Collection Date: 8/2/2023 7:55:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Kitchen-Right Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.56		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-03 Client Sample ID: Student Male RR E Left Sink-1
Collection Date: 8/2/2023 8:02:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Student Male RR E Left Sink-1

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.26		0.500	ppb	1	8/10/2023	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

Original

Results are out of the EPA limits



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Analytical Report

WO#: 23080118

Date Reported: 8/14/2023

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-04 **Client Sample ID:** Student Male RR E Sink-2
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Male RR E Sink-2

Trace Metals by EPA 200.8 ICP-MS							Analyst; CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.04		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-05 **Client Sample ID:** Student Male RR E Sink-3
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Male RR E Sink-3

Trace Metals by EPA 200.8 ICP-MS							Analyst; CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.15		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-06 **Client Sample ID:** Student Male RR E Right Sink-4
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Male RR E Right Sink-4

Trace Metals by EPA 200.8 ICP-MS							Analyst; CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.27		0.500	ppb	1	8/10/2023	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#: 23080118

Date Reported: 8/14/2023

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-07 **Client Sample ID:** Student Male RR W Left Sink-1
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Male RR W Left Sink-1

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.44		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-08 **Client Sample ID:** Student Male RR W Sink-2
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Male RR W Sink-2

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.87		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-09 **Client Sample ID:** Student Male RR W Sink-3
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Male RR W Sink-3

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.66		0.500	ppb	1	8/10/2023	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#: 23080118

Date Reported: 8/14/2023

Medford School District
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Medford, OR 97501

Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-10 **Client Sample ID:** Student Male RR W Right Sink-4
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Male RR W Right Sink-4

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.08		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-11 **Client Sample ID:** Student Female RR E Left Sink-1
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR E Left Sink-1

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.74		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-12 **Client Sample ID:** Student Female RR E Sink-2
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR E Sink-2

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.77		0.500	ppb	1	8/10/2023	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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Date Reported: 8/14/2023

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Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-13 **Client Sample ID:** Student Female RR E Sink-3
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR E Sink-3

Trace Metals by EPA 200.8 ICP-MS								Analyst; CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.12		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-14 **Client Sample ID:** Student Female RR E Right Sink-4
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR E Right Sink-4

Trace Metals by EPA 200.8 ICP-MS								Analyst; CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.26		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-15 **Client Sample ID:** Student Female RR W Left Sink-1
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR W Left Sink-1

Trace Metals by EPA 200.8 ICP-MS								Analyst; CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.49		0.500	ppb	1	8/10/2023	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: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-16 **Client Sample ID:** Student Female RR W Sink-2
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR W Sink-2

Trace Metals by EPA 200.8 ICP-MS							Analyst; CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.05		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-17 **Client Sample ID:** Student Female RR W Sink-3
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR W Sink-3

Trace Metals by EPA 200.8 ICP-MS							Analyst; CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.07		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-18 **Client Sample ID:** Student Female RR W Sink-4
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR W Sink-4

Trace Metals by EPA 200.8 ICP-MS							Analyst; CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.23		0.500	ppb	1	8/10/2023	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#: 23080118

Date Reported: 8/14/2023

Medford School District
815 S Oakdale Ave
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Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-19 **Client Sample ID:** Student Female RR W Right Sink-5
Collection Date: 8/2/2023 8:02:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Student Female RR W Right Sink-5

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.38		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-20 **Client Sample ID:** Large Hall Drinking Fountain
Collection Date: 8/2/2023 8:07:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Large Hall Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.546		0.500	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-21 **Client Sample ID:** Staff Lounge Sink
Collection Date: 8/2/2023 8:08:00 AM **Collected By:** Seth Barry
Matrix: Drinking Water **Sample Location:** Staff Lounge Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.03		0.515	ppb	1	8/10/2023	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#: 23080118

Date Reported: 8/14/2023

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID: 23080118-22 Client Sample ID: Staff RR Men's Sink
Collection Date: 8/2/2023 8:09:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Staff RR Men's Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.47		0.515	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-23 Client Sample ID: Staff RR Women's Sink
Collection Date: 8/2/2023 8:09:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Staff RR Women's Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.776		0.515	ppb	1	8/10/2023	15.0	A

Lab ID: 23080118-24 Client Sample ID: Garden Cntr Unisex Sink
Collection Date: 8/2/2023 8:11:00 AM Collected By: Seth Barry
Matrix: Drinking Water Sample Location: Garden Cntr Unisex Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	18.2	*	0.515	ppb	1	8/10/2023	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#: 23080118

Date Reported: 8/14/2023

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 23080118
Received Date: 8/2/2023 11:25:00 AM
Reported Date: 8/14/2023 10:53:36 AM

Sample Information:

Lab ID:	23080118-25	Client Sample ID:	Garden Cntr Office Sink
Collection Date:	8/2/2023 8:11:00 AM	Collected By:	Seth Barry
Matrix:	Drinking Water	Sample Location:	Garden Cntr Office Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	6.28		0.515	ppb	1	8/10/2023	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#: 23080118

14-Aug-23

Client: Medford School District
Project: Innovation Academy Lead Testing

TestCode: LEAD_DW

Sample ID: MB-22121	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41602
Client ID: PBW	Batch ID: 22121	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 690585
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-22121	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41602
Client ID: LCSW	Batch ID: 22121	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 690586
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	101	0.520	100	0	101	85	115			
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Sample ID: 23080118-25AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41602
Client ID: Garden Cntr Office	Batch ID: 22121	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 690594
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	104	0.520	100	6.28	97.8	70	130			
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Sample ID: 23080118-25AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41602
Client ID: Garden Cntr Office	Batch ID: 22121	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 690595
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	121	0.520	100	6.28	114	70	130	104	14.8	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 exceede
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#: 23080118

14-Aug-23

Client: Medford School District
Project: Innovation Academy Lead Testing

TestCode: LEAD_DW

Sample ID: MB-22122	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41643
Client ID: PBW	Batch ID: 22122	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 691111
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.500

Sample ID: LCS-22122	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41643
Client ID: LCSW	Batch ID: 22122	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 691112
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 98.1 0.500 100 0 98.1 85 115

Sample ID: 23080118-01AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41643
Client ID: Kichen-Left Sink	Batch ID: 22122	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 691114
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 96.9 0.500 100 1.51 95.4 70 130

Sample ID: 23080118-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 8/9/2023	RunNo: 41643
Client ID: Kichen-Left Sink	Batch ID: 22122	TestNo: E200.8	E200.8	Analysis Date: 8/10/2023	SeqNo: 691115
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 97.5 0.500 100 1.51 96.0 70 130 96.9 0.611 20

Qualifiers:
* Value exceeds Maximum Contaminant Level.
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit

C1 Sample container temperature is out of limit as specified at testcode
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceede
PL Permit Limit

Original

Sample Log-In Check List

Client Name: **MedfordSchoolDist**

Work Order Number: **23080118**

RcptNo: **1**

Logged by: **Dorie Evans** **8/2/2023 11:25:00 AM**

Completed By: **Jordan Diemer** **8/4/2023 9:21:35 AM**

Reviewed By: **Tamra Schmedemann** **8/14/2023 10:44:10 AM**

Dorie Evans
Jordan Diemer
Tamra Schmedemann

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 ☐
HNO3 pH<2
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ 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

Page 1 of 3

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

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: Innovation Academy			Attention: Accounting			Standard 10-14 Days		
Address: 900 Kenyon St.			Project Number:			Company Name: Medford School District			5 Business Days (50% surcharge)		
Medford, OR 97501			Report <u>andy.chasteen@medford.k12.or</u>			Address: 900 Kenyon St.			3 Business Days (75% surcharge)		
Email: <u>seth.barry@medford.k12.or.us</u>			Copy T <u>larry.anderson@medford.k12.or</u>			Medford, OR 97501			24 - 48 hours (100% surcharge)		
Phone: 541-601-5183 Fax:						P.O. # P123000			Other		
Collected By (Print): <u>SETH BARRY</u>									Authorized <u> </u> Yes <u> </u> No		
Collected By (Sign): <u>[Signature]</u>											
Email Report <u> </u> x Yes <u> </u> No			Mail Report <u> </u> Yes <u> </u> No								
Fax Report <u> </u> Yes <u> </u> No											

Section E Sample Information					No. of Containers	Analysis Requested										NRC Workorder # (Lab Use Only) <u>23080118</u>	
Sample ID	Bottle	Matrix*	Date Collected	Time												Remarks/Field Data	NRC Sample # (Lab Use Only)
Kitchen - Left Sink		DW	<u>8/2/23</u>	<u>755</u>													<u>01</u>
Kitchen - Right Sink		DW		<u>755</u>													<u>02</u>
Student RR - Male - East Left Sink (1)		DW		<u>802</u>													<u>03</u>
Student RR - Male - East Sink (2)		DW															<u>04</u>
Student RR - Male - East Sink (3)		DW															<u>05</u>
Student RR - Male - East Right Sink (4)		DW															<u>06</u>
Student RR - Male - West Left Sink (1)		DW															<u>07</u>
Student RR - Male - West Sink (2)		DW															<u>08</u>
Student RR - Male - West Sink (3)		DW															<u>09</u>
Student RR - Male - West Right Sink (4)		DW															<u>10</u>
Student RR - Female - East Left Sink (1)		DW															<u>11</u>
Student RR - Female - East Sink (2)		DW															<u>12</u>
Student RR - Female - East Sink (3)		DW															<u>13</u>
Student RR - Female - East Right Sink (4)		DW															<u>14</u>
Student RR - Female - West Left Sink (1)		DW															<u>15</u>
Student RR - Female - West Sink (2)		DW															<u>16</u>
Student RR - Female - West Sink (3)		DW															<u>17</u>
Student RR - Female - West Sink (4)		DW															<u>18</u>
Student RR - Female - West Right Sink (5)		DW															<u>19</u>
Large Hall - Drinking Fountain		DW		<u>807</u>													<u>20</u>
Staff Lounge - Sink		DW		<u>808</u>													<u>21</u>
Staff RR - Men's - Sink		DW		<u>809</u>													<u>22</u>
Staff RR - Women's - Sink		DW		<u>809</u>													<u>23</u>
GARDEN CENTER MEN SINK UN-SEAL		DW		<u>81</u>													<u>24</u>

[illegible]

Received By Laboratory:

8/2/23	11:25
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DORIE EVANS

8/2/23	11:25
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Received Via ☐ UPS ☐ FedEx ☐ Other ☒ Hand

Payment: Invoice Cash VISA, M/C Check # Amount

Temp: AMB
4°C +/- 2°C: Yes No N/A
Received on Ice: Yes No N/A
Number of Bottles Received: =
pH Checked: =
COC Seals Intact: Yes No NA
Field Blank Included: Yes No
Via UPS FedEX Other Hand
USA M/C Check # Amount

Data FlagsWO#: 23080118
Date: 8/14/2023

- 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), and/or matrix spikes 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.