



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

January 23, 2020

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

RE: 18/52 Ruch 2020 Lead Testing

Order No.: 20010597

Dear Andy Chasteen:

Neilson Research Corporation received 27 sample(s) on 1/16/2020 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



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
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Case Narrative

WO#: 20010597
Date: 1/23/2020

CLIENT: Medford School District
Project: 18/52 Ruch 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#: 20010597
Date Reported: 1/23/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-01 **Client Sample ID:** Health Rm-Sink
Collection Date: 1/16/2020 6:21:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Health Rm-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.0233	*	0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-02 **Client Sample ID:** Health Rm RR-Sink
Collection Date: 1/16/2020 6:21:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Health Rm RR-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00823		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-03 **Client Sample ID:** Staff RR Outside Main Office-Sink
Collection Date: 1/16/2020 6:23:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Staff RR Outside Main Office-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00165		0.000103	mg/L	1	1/21/2020	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		

Results are out of the EPA limits

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Analytical Report

WO#: 20010597
Date Reported: 1/23/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-04 **Client Sample ID:** Outside Main Office-Drinking Fountain (L)
Collection Date: 1/16/2020 6:29:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Outside Main Office-Drinking Fountain (L)

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00768		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-05 **Client Sample ID:** Outside Main Office-Drinking Fountain (R)
Collection Date: 1/16/2020 6:29:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Outside Main Office-Drinking Fountain (R)

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00409		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-06 **Client Sample ID:** Boy's RR Adjacent to Main Office-Sink (L)
Collection Date: 1/16/2020 6:30:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Boy's RR Adjacent to Main Office-Sink (L)

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00911		0.000103	mg/L	1	1/21/2020	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#: 20010597
Date Reported: 1/23/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-07 **Client Sample ID:** Boy's RR Adjacent to Main Office-Sink (R)
Collection Date: 1/16/2020 6:32:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Boy's RR Adjacent to Main Office-Sink (R)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00310		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-08 **Client Sample ID:** Boy's RR Adjacent to Main Office-Sink (C)
Collection Date: 1/16/2020 6:31:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Boy's RR Adjacent to Main Office-Sink (C)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00283		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-09 **Client Sample ID:** Girl's RR Adjacent to Main Office-Sink (L)
Collection Date: 1/16/2020 6:37:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Girl's RR Adjacent to Main Office-Sink (L)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00276		0.000103	mg/L	1	1/21/2020	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#: 20010597
Date Reported: 1/23/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-10 **Client Sample ID:** Girl's RR Adjacent to Main Office-Sink (R)
Collection Date: 1/16/2020 6:36:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Girl's RR Adjacent to Main Office-Sink (R)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00709		0.000103	mg/L	1	1/21/2020	0.0150	A	

Lab ID: 20010597-11 **Client Sample ID:** Girl's RR Adjacent to Main Office-Sink (C)
Collection Date: 1/16/2020 6:37:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Girl's RR Adjacent to Main Office-Sink (C)

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00517		0.000103	mg/L	1	1/21/2020	0.0150	A	

Lab ID: 20010597-12 **Client Sample ID:** Staff Break Rm-Sink
Collection Date: 1/16/2020 6:44:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Staff Break Rm-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00192		0.000103	mg/L	1	1/21/2020	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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Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-13 **Client Sample ID:** Rm Adjacent to Staff Break Rm-Sink
Collection Date: 1/16/2020 6:48:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm Adjacent to Staff Break Rm-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00291		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-14 **Client Sample ID:** Rm 2-Drinking Fountain
Collection Date: 1/16/2020 6:49:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 2-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00682		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-15 **Client Sample ID:** Rm 2-Sink
Collection Date: 1/16/2020 6:50:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 2-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.0207	*	0.000103	mg/L	1	1/21/2020	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

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Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-16 **Client Sample ID:** Rm 3-Drinking Fountain
Collection Date: 1/16/2020 6:53:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 3-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00777		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-17 **Client Sample ID:** Rm 3-Sink
Collection Date: 1/16/2020 6:54:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 3-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00499		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-18 **Client Sample ID:** Rm 4-Drinking Fountain
Collection Date: 1/16/2020 6:56:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 4-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00269		0.000103	mg/L	1	1/21/2020	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#: 20010597
Date Reported: 1/23/2020

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-19
Collection Date: 1/16/2020 6:57:00 AM
Matrix: Drinking Water
Client Sample ID: Rm 4-Sink
Collected By:
Sample Location: Rm 4-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.0143		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-20
Collection Date: 1/16/2020 7:00:00 AM
Matrix: Drinking Water
Client Sample ID: Rm 7-Drinking Fountain
Collected By:
Sample Location: Rm 7-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00873		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-21
Collection Date: 1/16/2020 7:01:00 AM
Matrix: Drinking Water
Client Sample ID: Rm 7-Sink
Collected By:
Sample Location: Rm 7-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00184		0.000103	mg/L	1	1/21/2020	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#: 20010597
Date Reported: 1/23/2020

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815 S Oakdale Ave
Medford, OR 97501

Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-22 **Client Sample ID:** Rm 8-Drinking Fountain
Collection Date: 1/16/2020 7:03:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 8-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00477		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-23 **Client Sample ID:** Rm 8-Sink
Collection Date: 1/16/2020 7:04:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 8-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00769		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-24 **Client Sample ID:** Rm 9-Drinking Fountain
Collection Date: 1/16/2020 7:09:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 9-Drinking Fountain

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.0111		0.000103	mg/L	1	1/21/2020	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
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Analytical Report

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Date Reported: 1/23/2020

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Lab Order: 20010597
Received Date: 1/16/2020 10:22:00 AM
Reported Date: 1/23/2020 12:28:44 PM

Sample Information:

Lab ID: 20010597-25 **Client Sample ID:** Rm 9-Sink
Collection Date: 1/16/2020 7:06:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Rm 9-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00308		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-26 **Client Sample ID:** Boy's RR outside Rm 9-Sink
Collection Date: 1/16/2020 7:09:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Boy's RR outside Rm 9-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00267		0.000103	mg/L	1	1/21/2020	0.0150	A

Lab ID: 20010597-27 **Client Sample ID:** Girl's RR outside Rm 9-Sink
Collection Date: 1/16/2020 7:10:00 AM **Collected By:**
Matrix: Drinking Water **Sample Location:** Girl's RR outside Rm 9-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00486		0.000103	mg/L	1	1/21/2020	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#: 20010597
23-Jan-20

Client: Medford School District
Project: 18/52 Ruch 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: MB-2906	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 1/20/2020	RunNo: 7065
Client ID: PBW	Batch ID: 2906	TestNo: E200.8	E200.8	Analysis Date: 1/21/2020	SeqNo: 129056
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.000103			

Sample ID: LCS-2906	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 1/20/2020	RunNo: 7065
Client ID: LCSW	Batch ID: 2906	TestNo: E200.8	E200.8	Analysis Date: 1/21/2020	SeqNo: 129057
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	0.0923	0.000104	0.1000	0	92.3 85 115

Sample ID: MB-2907	SampType: MBLK	TestCode: LEAD_DW	Units: mg/L	Prep Date: 1/20/2020	RunNo: 7065
Client ID: PBW	Batch ID: 2907	TestNo: E200.8	E200.8	Analysis Date: 1/21/2020	SeqNo: 129083
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.000103			

Sample ID: LCS-2907	SampType: LCS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 1/20/2020	RunNo: 7065
Client ID: LCSW	Batch ID: 2907	TestNo: E200.8	E200.8	Analysis Date: 1/21/2020	SeqNo: 129085
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	0.0971	0.000104	0.1000	0	97.1 85 115

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#: 20010597
23-Jan-20

Client: Medford School District
Project: 18/52 Ruch 2020 Lead Testing

TestCode: LEAD_DW

Sample ID: 20010598-13AMS		SampType: MS		TestCode: LEAD_DW		Units: mg/L		Prep Date: 1/20/2020			RunNo: 7065		
Client ID: BatchQC		Batch ID: 2907		TestNo: E200.8		E200.8		Analysis Date: 1/21/2020			SeqNo: 129108		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.0988	0.000104	0.1000	0.001564	97.2	70	130				
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Sample ID: 20010598-13AMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 1/20/2020	RunNo: 7065						
Client ID: BatchQC	Batch ID: 2907	TestNo: E200.8	E200.8	Analysis Date: 1/21/2020	SeqNo: 129109						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.104	0.000104	0.1000	0.001564	103	70	130	0.09879	5.29	20	
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Sample ID: 20010597-20AMS	SampType: MS	TestCode: LEAD_DW	Units: mg/L	Prep Date: 1/20/2020	RunNo: 7107						
Client ID: Rm 7-Drinking Foun	Batch ID: 2906	TestNo: E200.8	E200.8	Analysis Date: 1/21/2020	SeqNo: 129809						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.112	0.000104	0.1000	0.008726	103	70	130				
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Sample ID: 20010597-20AMSD	SampType: MSD	TestCode: LEAD_DW	Units: mg/L	Prep Date: 1/20/2020	RunNo: 7107						
Client ID: Rm 7-Drinking Foun	Batch ID: 2906	TestNo: E200.8	E200.8	Analysis Date: 1/21/2020	SeqNo: 129812						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	0.110	0.000104	0.1000	0.008726	102	70	130	0.1117	1.14	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

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

Company:	MSD 549C
Address:	815 South Oakdale Avenue
Medford, OR	97501
Email:	ron.havnear@medford.k12.or.us
Phone:	541-840-4315 Fax:
Collected By (Print):	
Collected By (Sign):	
Email Report ☐ Yes ☐ No	Mail Report ☐ Yes ☐ No
Fax Report ☐ Yes ☐ No	

Section B Required Project Information

Project Name:	2020 Lead Testing
Project Number:	18-52 Ruch
Report To:	ron.havnear@medford.k12.or.us
Copy To:	andy.chasteen@medford.k12.or.us

Section C Invoice Information

Attention:	Accounting
Company Name:	Medford School District
Address:	815 South Oakdale Avenue
Medford, OR	97501
P.O. #	61172

Section D Rush Status (Subject to Scheduling)

☐ Standard 10-14 Days
☐ 5 Business Days (50% surcharge)
☐ 3 Business Days (75% surcharge)
☐ 24 - 48 hours (100% surcharge)
☐ Other _____
Authorized ☐ Yes ☐ No

Section E Sample Information

Sample ID	Bottle #	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested										Remarks/Field Data	NRC Sample # (Lab Use Only)
Health Room - Sink	54341	DW	1-16	6:21	1	Lead											01A
Health Room Restroom - Sink	54311	DW		6:21	1												02A
Staff Restroom Outside The Main Office - Sink	54168	DW		6:23	1												03A
Outside Main Office - Drinking Fountain (Left)	58018	DW		6:29	1												04A
Outside Main Office - Drinking Fountain (Right)	57726	DW		6:29													05A
Boy's Restroom Adjacent To Main Office - Sink (Left)	54170	DW		6:30													06A
Boy's Restroom Adjacent To Main Office - Sink (Right)	54321	DW		6:32													07A
Boy's Restroom Adjacent To Main Office - Sink (Center)	58018	DW		6:31													08A
Girl's Restroom Adjacent To Main Office - Sink (Left)	54325	DW		6:37													09A
Girl's Restroom Adjacent To Main Office - Sink (Right)	54245	DW		6:34													10A
Girl's Restroom Adjacent To Main Office - Sink (Center)	57880	DW		6:37													11A
~~Staff Break Room - Drinking Fountain~~	~~7~~	~~DW~~					~~not included ND 1-16-2020~~										
Staff Break Room - Sink (ELIMINATED)	57877	DW		6:44													12A
Room Adjacent To Staff Break Room - Sink	54312	DW		6:48													13A
Room 2 - Drinking Fountain	57734	DW		6:49													14A
Room 2 - Sink	54457	DW		6:50													15A
Room 3 - Drinking Fountain	58023	DW		6:53													16A
Room 3 - Sink	54309	DW		6:54													17A
Room 4 - Drinking Fountain	60007	DW		6:56													18A
Room 4 - Sink	54726	DW		6:57													19A
Room 7 - Drinking Fountain	58031	DW		7:00													20A
Room 7 - Sink	54447	DW		7:01													21A
Room 8 - Drinking Fountain	54472	DW		7:03													22A
Room 8 - Sink	54453	DW															23A
Room 9 - Drinking Fountain	57733	DW		7:09													24A

- hr/>
- B Analyte detected in the associated method blank.
- BA BOD Alternative Calculation: The initial results performed by Standard Methods did not fall within parameters of the Standard Methods calculation. An alternate approved calculation was performed using the HACH method and the value reported is an estimated concentration.
- 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.
- D1 The diesel elution pattern for the sample is not typical.
- D2 The sample appears to be a heavier hydrocarbon range than diesel.
- D3 The sample appears to be a lighter hydrocarbon range than diesel.
- D4 Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
- D5 Detected hydrocarbons in the diesel range appear to be weathered diesel.
- 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.
- G1 The gasoline elution pattern for the sample is not typical.
- G2 The sample appears to be a heavier hydrocarbon range than gasoline.
- G3 The sample appears to be a lighter hydrocarbon range than gasoline.
- G4 Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
- 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.
- NLR No Legionella Recovered.
- PLR Presence of Legionella Recovered.
- 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.
- R1 Relative percent difference (RPD) is outside of the accepted recovery limits. However, analyses are not controlled on RPD values for sample concentrations that are less than the reporting limit.
- 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 Duplicate analysis failed due to result being at or near the method reporting limit.
- 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 regulatory level for TCLP contaminant.
- X1 The motor oil elution pattern for the sample is not typical.
- X2 The sample appears to be a heavier hydrocarbon range than motor oil.
- X3 The sample appears to be a lighter hydrocarbon range than motor oil.
- * Value exceeds Maximum Contaminant Level or is outside the acceptable range.