



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

May 05, 2023

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

RE: Hoover Elementary Lead Testing

Order No.: 23040943

Dear Andy Chasteen:

Neilson Research Corporation received 35 sample(s) on 4/25/2023 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#: 23040943  
Date: 5/5/2023

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**CLIENT:** Medford School District

**Project:** Hoover Elementary Lead Testing

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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.

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## Analytical Report

WO#: 23040943

Date Reported: 5/5/2023

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-01 **Client Sample ID:** Rm 11-DF  
**Collection Date:** 4/25/2023 6:14:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 11-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.98		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-02 **Client Sample ID:** Rm 11-Sink  
**Collection Date:** 4/25/2023 6:16:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 11-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.90		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-03 **Client Sample ID:** Rm 12-DF  
**Collection Date:** 4/25/2023 6:18:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 12-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.40		0.515	ppb	1	5/2/2023	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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## Analytical Report

WO#: 23040943

Date Reported: 5/5/2023

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-04 **Client Sample ID:** Rm 12-Sink  
**Collection Date:** 4/25/2023 6:19:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 12-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.59		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-05 **Client Sample ID:** Rm 13-DF  
**Collection Date:** 4/25/2023 6:20:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 13-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.59		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-06 **Client Sample ID:** Rm 13-Sink  
**Collection Date:** 4/25/2023 6:21:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 13-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.47		0.515	ppb	1	5/2/2023	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#: 23040943

Date Reported: 5/5/2023

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-07 **Client Sample ID:** Rm 14-DF  
**Collection Date:** 4/25/2023 6:23:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 14-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.43		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-08 **Client Sample ID:** Rm 14-Sink  
**Collection Date:** 4/25/2023 6:24:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 14-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.73		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-09 **Client Sample ID:** Staff Brk Rm Ref-Ice Mkr/Water  
**Collection Date:** 4/25/2023 6:25:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Staff Brk Rm Ref-Ice Mkr/Water

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/2/2023	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
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**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-10 **Client Sample ID:** Staff Brk Rm-Main Sink  
**Collection Date:** 4/25/2023 6:26:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Staff Brk Rm-Main Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-11 **Client Sample ID:** Staff Brk Rm-Insta-Hot  
**Collection Date:** 4/25/2023 6:27:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Staff Brk Rm-Insta-Hot

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-12 **Client Sample ID:** Rm Next to Staff Brk Rm-Sink  
**Collection Date:** 4/25/2023 6:28:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm Next to Staff Brk Rm-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	9.97		0.515	ppb	1	5/2/2023	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: 23040943  
Received Date: 4/25/2023 8:30:00 AM  
Reported Date: 5/5/2023 10:19:48 AM

Sample Information:

Lab ID: 23040943-13 Client Sample ID: W Ramp 2 Men's RR (Staff)-Sink  
Collection Date: 4/25/2023 6:39:00 AM Collected By: Mike Medel  
Matrix: Drinking Water Sample Location: W Ramp 2 Men's RR (Staff)-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: CJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.79		0.515	ppb	1	5/2/2023	15.0	A

Lab ID: 23040943-14 Client Sample ID: W Ramp 2 Women's RR (Staff)-Sink (L)  
Collection Date: 4/25/2023 6:38:00 AM Collected By: Mike Medel  
Matrix: Drinking Water Sample Location: W Ramp 2 Women's RR (Staff)-Sink (L)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.89		0.515	ppb	1	5/2/2023	15.0	A

Lab ID: 23040943-15 Client Sample ID: W Ramp 2 Women's RR (Staff)-Sink (R)  
Collection Date: 4/25/2023 6:37:00 AM Collected By: Mike Medel  
Matrix: Drinking Water Sample Location: W Ramp 2 Women's RR (Staff)-Sink (R)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.87		0.515	ppb	1	5/2/2023	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:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-16 **Client Sample ID:** Rm 21-DF  
**Collection Date:** 4/25/2023 6:36:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 21-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.994		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-17 **Client Sample ID:** Rm 21-Sink  
**Collection Date:** 4/25/2023 6:35:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 21-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.09		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-18 **Client Sample ID:** Rm 22-DF  
**Collection Date:** 4/25/2023 6:34:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 22-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/2/2023	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#: 23040943

Date Reported: 5/5/2023

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-19 **Client Sample ID:** Rm 22-Sink  
**Collection Date:** 4/25/2023 6:33:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 22-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.37		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-20 **Client Sample ID:** Rm 23-DF  
**Collection Date:** 4/25/2023 6:32:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 23-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.926		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-21 **Client Sample ID:** Rm 23-Sink  
**Collection Date:** 4/25/2023 6:31:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 23-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.63		0.515	ppb	1	5/2/2023	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#: 23040943

Date Reported: 5/5/2023

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-22 **Client Sample ID:** Rm 24-DF  
**Collection Date:** 4/25/2023 6:30:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 24-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.00		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-23 **Client Sample ID:** Rm 24-Sink  
**Collection Date:** 4/25/2023 6:29:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 24-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.33		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-24 **Client Sample ID:** W Ramp 3 Boys RR-(L) Sink  
**Collection Date:** 4/25/2023 6:48:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** W Ramp 3 Boys RR-(L) Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.11		0.515	ppb	1	5/2/2023	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
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## Analytical Report

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Date Reported: 5/5/2023

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: 23040943  
Received Date: 4/25/2023 8:30:00 AM  
Reported Date: 5/5/2023 10:19:48 AM

Sample Information:

Lab ID: 23040943-25 Client Sample ID: W Ramp 3 Boys RR-(R) Sink  
Collection Date: 4/25/2023 6:49:00 AM Collected By: Mike Medel  
Matrix: Drinking Water Sample Location: W Ramp 3 Boys RR-(R) Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: CJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.34		0.515	ppb	1	5/2/2023	15.0	A

Lab ID: 23040943-26 Client Sample ID: W Ramp 3 Girls RR-(L) Sink  
Collection Date: 4/25/2023 6:50:00 AM Collected By: Mike Medel  
Matrix: Drinking Water Sample Location: W Ramp 3 Girls RR-(L) Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: CJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	5/2/2023	15.0	A

Lab ID: 23040943-27 Client Sample ID: W Ramp 3 Girls RR-(R) Sink  
Collection Date: 4/25/2023 6:51:00 AM Collected By: Mike Medel  
Matrix: Drinking Water Sample Location: W Ramp 3 Girls RR-(R) Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: CJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.844		0.515	ppb	1	5/2/2023	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
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**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-28 **Client Sample ID:** Rm 31-DF  
**Collection Date:** 4/25/2023 6:52:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 31-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.44		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-29 **Client Sample ID:** Rm 31-Sink  
**Collection Date:** 4/25/2023 6:53:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 31-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.28		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-30 **Client Sample ID:** Rm 32-DF  
**Collection Date:** 4/25/2023 6:55:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 32-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.67		0.515	ppb	1	5/2/2023	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
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815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-31 **Client Sample ID:** Rm 32-Sink  
**Collection Date:** 4/25/2023 6:56:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 32-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.998		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-32 **Client Sample ID:** Rm 33-DF  
**Collection Date:** 4/25/2023 6:57:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 33-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.18		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-33 **Client Sample ID:** Rm 33-Sink  
**Collection Date:** 4/25/2023 6:58:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 33-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.40		0.515	ppb	1	5/2/2023	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



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

## Analytical Report

WO#: 23040943

Date Reported: 5/5/2023

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

**Lab Order:** 23040943  
**Received Date:** 4/25/2023 8:30:00 AM  
**Reported Date:** 5/5/2023 10:19:48 AM

Sample Information:

**Lab ID:** 23040943-34 **Client Sample ID:** Rm 34-DF  
**Collection Date:** 4/25/2023 6:59:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 34-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.09		0.515	ppb	1	5/2/2023	15.0	A

**Lab ID:** 23040943-35 **Client Sample ID:** Rm 34-Sink  
**Collection Date:** 4/25/2023 7:00:00 AM **Collected By:** Mike Medel  
**Matrix:** Drinking Water **Sample Location:** Rm 34-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.07		0.515	ppb	1	5/2/2023	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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## QC SUMMARY REPORT

WO#: 23040943

05-May-23

**Client:** Medford School District  
**Project:** Hoover Elementary Lead Testing

**TestCode:** LEAD\_DW

Sample ID: <b>MB-20924</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>PBW</b>	Batch ID: <b>20924</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644468</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.515

Sample ID: <b>LCS-20924</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>LCSW</b>	Batch ID: <b>20924</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644469</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 98.8 0.520 100 0 98.8 85 115

Sample ID: <b>23040943-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>Rm 11-DF</b>	Batch ID: <b>20924</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644499</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 99.9 0.520 100 1.98 97.9 70 130 101 1.03 20

Sample ID: <b>23040943-01AMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>Rm 11-DF</b>	Batch ID: <b>20924</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644500</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 101 0.520 100 1.98 99.0 70 130

**Qualifiers:** CI 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 Int  
ND Not Detected at the Reporting Limit PL Permit Limit RL Reporting Detection Limit

Original



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## QC SUMMARY REPORT

WO#: 23040943

05-May-23

**Client:** Medford School District  
**Project:** Hoover Elementary Lead Testing

**TestCode:** LEAD\_DW

Sample ID: <b>MB-20925</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>PBW</b>	Batch ID: <b>20925</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644504</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.515

Sample ID: <b>LCS-20925</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>LCSW</b>	Batch ID: <b>20925</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644505</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 100 0.520 100 0 100 85 115

Sample ID: <b>23040943-21AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>Rm 23-Sink</b>	Batch ID: <b>20925</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644522</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 101 0.520 100 4.63 96.4 70 130 101 0.554 20

Sample ID: <b>23040943-21AMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>5/2/2023</b>	RunNo: <b>39085</b>
Client ID: <b>Rm 23-Sink</b>	Batch ID: <b>20925</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>5/2/2023</b>	SeqNo: <b>644523</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 101 0.520 100 4.63 95.9 70 130

**Qualifiers:** CI 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 exceeded  
PL Permit Limit

MI Recovery outside control limits due to Matrix Int  
RL Reporting Detection Limit

Original

## Sample Log-In Check List

Client Name: **MedfordSchoolDist**

Work Order Number: **23040943**

RcptNo: **1**

Logged by: **Jordan Diemer** **4/25/2023 8:30:00 AM**



Completed By: **Jordan Diemer** **4/27/2023 10:28:39 AM**



Reviewed By: **Tamra Schmedemann** **5/5/2023 10:11:11 AM**



### 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  $6.0^{\circ}\text{C}$ ? 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 ☐  
HNO<sub>3</sub> 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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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

am  
7/25/23

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: Hoover 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 <a href="mailto:andy.chasteen@medford.k12.or.us">andy.chasteen@medford.k12.or.us</a>	Address: 900 Kenyon St.	<input type="checkbox"/> 3 Business Days (75% surcharge)
Email: <a href="mailto:seth.barry@medford.k12.or.us">seth.barry@medford.k12.or.us</a>	Copy T <a href="mailto:larry.anderson@medford.k12.or.us">larry.anderson@medford.k12.or.us</a>	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>Mike Medel</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No

Collected By (Sign): <u>[Signature]</u>
Email Report <input checked="" 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 # (Lab Use Only) <u>23040943-01-35</u>	
																Remarks/Field Data	NRC Sample # (Lab Use Only)
Room 11 - Drinking Fountain	111921	DW	4/25/23	6:14													01
Room 11 - Sink	111922	DW	4/25/23	6:16													02
Room 12 - Drinking Fountain	111920	DW	4/25/23	6:18													03
Room 12 - Sink	111892	DW	4/25/23	6:19													04
Room 13 - Drinking Fountain	111942	DW	4/25/23	6:20													05
Room 13 - Sink	108758	DW	4/25/23	6:21													06
Room 14 - Drinking Fountain	111923	DW	4/25/23	6:23													07
Room 14 - Sink	111912	DW	4/25/23	6:24													08
Staff Break Room Refrigerator - Ice Maker/Water	111886	111924	DW	4/25/23	6:25												09
Staff Break Room - Sink (Main Fixture)	111885	111925	DW	4/25/23	6:26												10
Staff Break Room - Sink (Insta-Hot)	111893	111915	DW	4/25/23	6:27												11
Small Room Adjacent To Staff Break Room - Sink	111902	111913	DW	4/25/23	6:28												12
West Side Ramp 2 Mens Restroom (Staff Only) - Sink	111876		DW	4/25/23	6:34												13
West Side Ramp 2 Womens Restroom (Staff Only) - Sink (Left)	111927	DW	4/25/23	6:38													14
West Side Ramp 2 Womens Restroom (Staff Only) - Sink (Right)	111910	DW	4/25/23	6:37													15
Room 21 - Drinking Fountain	111887	DW	4/25/23	6:36													16
Room 21 - Sink	111884	DW	4/25/23	6:35													17
Room 22 - Drinking Fountain	111916	DW	4/25/23	6:34													18
Room 22 - Sink	111914	DW	4/25/23	6:33													19
Room 23 - Drinking Fountain	111913	DW	4/25/23	6:32													20
Room 23 - Sink	111915	DW	4/25/23	6:31													21
Room 24 - Drinking Fountain	111925	DW	4/25/23	6:30													22
Room 24 - Sink	111926	DW	4/25/23	6:29													23
West Side Ramp 3 Boys Restroom - Sink (Left)	111901	DW	4/25/23	6:48													24

Sc 4/25/23  
error

[illegible]Section F  
Relinquish/Receive

Sign

Date \_\_\_\_\_

Section G  
Lab Use Only

Received Via	UPS	FedEX	Other	Hand
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Payment:	Invoice	Cash	VISA, M/C	Check #	Amount
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**NEILSON RESEARCH CORPORATION (NRC)  
STANDARD TERMS AND CONDITIONS**

**Confidentiality:** Strict confidentiality is maintained in all of our dealing with clients. Confidentiality

Page 19 of 19

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