



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

July 21, 2025

Andy Chasteen
Medford School District
900 Kenyon St
Medford, OR 97501
TEL: 541-842-3646
FAX 541-842-1160

RE: Washington Elem Lead Testing-AMENDED

Order No.: 25050758

Dear Andy Chasteen:

Neilson Research Corporation received 24 sample(s) on 5/15/2025 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
Director of Project Management
245 S Grape St
Medford, OR 97501



Revision v1



Neilson Research Corporation

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Case Narrative

WO#: 25050758

Date: 7/21/2025

CLIENT: Medford School District

Project: Washington Elem Lead Testing-AMENDED

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.

The report has been amended to include the accreditation status, which was omitted from the original version due to a clerical error. Neilson Research Corporation is, and has been, accredited by ORELAP for the analysis of lead in drinking water.

Revision v1



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Analytical Report

WO#: 25050758
 Date Reported: 7/21/2025

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-01 Client Sample ID: 1st Flr O/S Rm 11-DF (L)
 Collection Date: 5/15/2025 5:23:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: 1st Flr O/S Rm 11-DF (L)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	ND		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-02 Client Sample ID: 1st Flr O/S Rm 11-DF (R)
 Collection Date: 5/15/2025 5:23:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: 1st Flr O/S Rm 11-DF (R)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	ND		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-03 Client Sample ID: Rm 11-DF
 Collection Date: 5/15/2025 5:24:00 AM Collected By: Roger Moulard
 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	ND		0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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

Revision v1

Results are out of the EPA limits



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Analytical Report

WO#: 25050758

Date Reported: 7/21/2025

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-04 Client Sample ID: Rm 11-Sink
 Collection Date: 5/15/2025 5:24:00 AM Collected By: Roger Moulard
 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	ND		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-05 Client Sample ID: Rm 11 Unisex RR-Sink
 Collection Date: 5/15/2025 5:25:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Rm 11 Unisex RR-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	ND		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-06 Client Sample ID: Rm 12-DF
 Collection Date: 5/15/2025 5:27:00 AM Collected By: Roger Moulard
 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	8.93		0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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Analytical Report

WO#: 25050758
 Date Reported: 7/21/2025

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-07 Client Sample ID: Rm 12-Sink
 Collection Date: 5/15/2025 5:27:00 AM Collected By: Roger Moulard
 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	5.86		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-08 Client Sample ID: Staff Brk Rm (Rm 13)-DF
 Collection Date: 5/15/2025 5:29:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Staff Brk Rm (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	2.87		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-09 Client Sample ID: Staff Brk Rm (Rm 13)-Sink
 Collection Date: 5/15/2025 5:29:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Staff Brk Rm (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	1.13		0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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Date Reported: 7/21/2025

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Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-10 Client Sample ID: Rm 14-Sink
 Collection Date: 5/15/2025 5:31:00 AM Collected By: Roger Moulard
 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	1.25		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-11 Client Sample ID: Rm 20-DF
 Collection Date: 5/15/2025 5:34:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Rm 20-DF

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.870		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-12 Client Sample ID: Rm 20-Sink
 Collection Date: 5/15/2025 5:34:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Rm 20-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	3.19		0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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WO#: 25050758
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 Medford, OR 97501

Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-13 Client Sample ID: Rm 21-DF
 Collection Date: 5/15/2025 5:35:00 AM Collected By: Roger Moulard
 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	0.839		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-14 Client Sample ID: Rm 21-Sink
 Collection Date: 5/15/2025 5:35:00 AM Collected By: Roger Moulard
 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	2.93		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-15 Client Sample ID: Rm 21A-Sink (R) Faucet-Cold
 Collection Date: 5/15/2025 5:35:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: Rm 21A-Sink (R) Faucet-Cold

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	46.7	*	0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-16 Client Sample ID: Rm 22-DF
 Collection Date: 5/15/2025 5:45:00 AM Collected By: Roger Moulard
 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	0.571		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-17 Client Sample ID: Rm 22-Sink
 Collection Date: 5/15/2025 5:45:00 AM Collected By: Roger Moulard
 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	3.03		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-18 Client Sample ID: 2nd Flr O/S Boys RR/22-DF (L)
 Collection Date: 5/15/2025 5:43:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: 2nd Flr O/S Boys RR/22-DF (L)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	15.8	*	0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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Analytical Report

WO#: 25050758
 Date Reported: 7/21/2025

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-19 Client Sample ID: 2nd Flr O/S Boys RR/22-DF (R)
 Collection Date: 5/15/2025 5:43:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: 2nd Flr O/S Boys RR/22-DF (R)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	4.09		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-20 Client Sample ID: 2nd Flr Boys RR by Rm 22-Sink (L)
 Collection Date: 5/15/2025 5:43:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: 2nd Flr Boys RR by Rm 22-Sink (L)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	34.7	*	0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-21 Client Sample ID: 2nd Flr Boys RR by Rm 22-Sink (C)
 Collection Date: 5/15/2025 5:43:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: 2nd Flr Boys RR by Rm 22-Sink (C)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	6.22		0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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Revision v1

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Analytical Report

WO#: 25050758
 Date Reported: 7/21/2025

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 Medford, OR 97501

Lab Order: 25050758
Received Date: 5/15/2025 8:46:00 AM
Reported Date: 7/21/2025 1:47:35 PM

Sample Information:

Lab ID: 25050758-22 Client Sample ID: 2nd Flr Boys RR by Rm 22-Sink (R)
 Collection Date: 5/15/2025 5:43:00 AM Collected By: Roger Moulard
 Matrix: Drinking Water Sample Location: 2nd Flr Boys RR by Rm 22-Sink (R)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	1.00		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-23 Client Sample ID: Rm 23-DF
 Collection Date: 5/15/2025 5:48:00 AM Collected By: Roger Moulard
 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	0.742		0.500	ppb	1	6/11/2025	15.0	A	

Lab ID: 25050758-24 Client Sample ID: Rm 23-Sink
 Collection Date: 5/15/2025 5:49:00 AM Collected By: Roger Moulard
 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	ND		0.500	ppb	1	6/11/2025	15.0	A	

QUALIFIERS

- * Value exceeds Maximum or Minimum Contaminant Level.
- DF Dilution Factor
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- R RPD outside accepted recovery limits
- C1 Sample container temperature is out of limit as specified at testcode
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- RL Reporting Limit

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QC SUMMARY REPORT

WO#: 25050758
 21-Jul-25

Client: Medford School District
Project: Washington Elem Lead Testing-AMENDED
TestCode: LEAD_SCHOOLS

Sample ID: MB-31628	SampType: MBLK	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 6/10/2025	RunNo: 60162						
Client ID: PBW	Batch ID: 31628	TestNo: E200.8	E200.8	Analysis Date: 6/11/2025	SeqNo: 985434						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID: LCS-31628	SampType: LCS	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 6/10/2025	RunNo: 60162						
Client ID: LCSW	Batch ID: 31628	TestNo: E200.8	E200.8	Analysis Date: 6/11/2025	SeqNo: 985435						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	100	0.500	100	0	100	85	115				

Sample ID: 25050741-14AMS	SampType: MS	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 6/10/2025	RunNo: 60162						
Client ID: BatchQC	Batch ID: 31628	TestNo: E200.8	E200.8	Analysis Date: 6/11/2025	SeqNo: 985437						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	100	0.500	100	0	100	70	130				

Sample ID: 25050741-14AMSD	SampType: MSD	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 6/10/2025	RunNo: 60162						
Client ID: BatchQC	Batch ID: 31628	TestNo: E200.8	E200.8	Analysis Date: 6/11/2025	SeqNo: 985438						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	97.4	0.500	100	0	97.4	70	130	100	2.77	20	

Qualifiers:
 * Value exceeds Maximum or Minimum Contaminant Level.
 H Holding times for preparation or analysis exceeded
 RL Reporting Limit
 CI Sample container temperature is out of limit as specified at testcode
 MI Recovery outside control limits due to Matrix Interference
 DF Dilution Factor
 ND Not Detected at the Reporting Limit

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QC SUMMARY REPORT

WO#: 25050758
 21-Jul-25

Client: Medford School District
Project: Washington Elem Lead Testing-AMENDED
TestCode: LEAD_SCHOOLS

Sample ID:	MB-31630	SampType:	MBLK	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	PBW	Batch ID:	31630	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986326	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	ND	0.500								

Sample ID:	LCS-31630	SampType:	LCS	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	LCSW	Batch ID:	31630	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986328	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	107	0.500	100	0	107	85	115			

Sample ID:	25060380-01BMS	SampType:	MS	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	BatchQC	Batch ID:	31630	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986330	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	103	0.500	100	0.984	102	70	130			

Sample ID:	25060380-01BMSD	SampType:	MSD	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	BatchQC	Batch ID:	31630	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986331	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	104	0.500	100	0.984	103	70	103	0.216	20	

Qualifiers:
 * Value exceeds Maximum or Minimum Contaminant Level.
 H Holding times for preparation or analysis exceeded
 RL Reporting Limit
 CI Sample container temperature is out of limit as specified at testcode
 MI Recovery outside control limits due to Matrix Interference
 DF Dilution Factor
 ND Not Detected at the Reporting Limit

Revision v1



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QC SUMMARY REPORT

WO#: 25050758
 21-Jul-25

Client: Medford School District
Project: Washington Elem Lead Testing-AMENDED
TestCode: LEAD_SCHOOLS

Sample ID:	MB-31631	SampType:	MBLK	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	PBW	Batch ID:	31631	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986340	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	ND	0.500								

Sample ID:	LCS-31631	SampType:	LCS	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	LCSW	Batch ID:	31631	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986342	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	108	0.500	100	0	108	85	115			

Sample ID:	25050758-23AMS	SampType:	MS	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	Rm 23-DF	Batch ID:	31631	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986344	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	105	0.500	100	0.742	104	70	130			

Sample ID:	25050758-23AMSD	SampType:	MSD	TestCode:	LEAD_SCHO	Units:	ppb	Prep Date:	6/10/2025	RunNo:	60207	
Client ID:	Rm 23-DF	Batch ID:	31631	TestNo:	E200.8	Units:	E200.8	Analysis Date:	6/11/2025	SeqNo:	986345	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		Result	103	0.500	100	0.742	102	70	105	2.03	20	

Qualifiers:
 * Value exceeds Maximum or Minimum Contaminant Level.
 H Holding times for preparation or analysis exceeded
 RL Reporting Limit
 CI Sample container temperature is out of limit as specified at testcode
 MI Recovery outside control limits due to Matrix Interference
 DF Dilution Factor
 ND Not Detected at the Reporting Limit


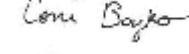

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Sample Log-In Check List

Client Name: MedfordSchoolDist Work Order Number: 25050758 RcptNo: 1

Logged by:	Ashley Spiegelberg	5/15/2025 8:46:00 AM	
Completed By:	Coni Boyko	5/16/2025 2:33:21 PM	
Reviewed By:	Ashley Spiegelberg	6/13/2025 10:30:43 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 NA
- 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
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:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

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.

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: Washington		Attention: Accounting		Standard 10-14 Days	
Address: 900 Kenyon Medford, OR 97501		Project Number:		Company Name: Medford School District		5 Business Days (50% surcharge)	
Email: andy.chasteen@medford.k12.or.us		Report To: andy.chasteen@medford.k12.or.us		Address: 900 Kenyon Medford, OR 97501		3 Business Days (75% surcharge)	
Phone: 541-840-4315		Copy To: seth.barry@medford.k12.or.us		P.O. #		24 - 48 hours (100% surcharge)	
Fax: <i>Roger Mowbray</i>						Other	
Collected By (Print): <i>Roger Mowbray</i>						Authorized Yes <input type="checkbox"/> No <input type="checkbox"/>	
Collected By (Sign): <i>[Signature]</i>							
Email Report Yes <input type="checkbox"/> No <input type="checkbox"/>		Mail Report Yes <input type="checkbox"/> No <input type="checkbox"/>					
Fax Report Yes <input type="checkbox"/> No <input type="checkbox"/>							

Section E Sample Information	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested	Remarks/Field Data	NRC Sample # (Lab Use Only)
1st Floor Outside Room 11 - Drinking Fountain (Left)	DW	5/15/2025	5:23	1			01
1st Floor Outside Room 11 - Drinking Fountain (Right)	DW	5/15/2025	5:27	1			02
Room 11 - Drinking Fountain	DW	5/15/2025	5:24	1			03
Room 11 - Sink	DW	5/15/2025	5:28	1			04
Room 11 Unisex Restroom - Sink	DW	5/15/2025	5:25	1			05
Room 12 - Drinking Fountain	DW	5/15/2025	5:27	1			06
Room 12 - Sink	DW	5/15/2025	5:27	1			07
Staff Break Room (Room 13) - Drinking Fountain	DW	5/15/2025	5:29	1			08
Staff Break Room (Room 13) - Sink	DW	5/15/2025	5:29	1			09
Room 14 - Sink	DW	5/15/2025	5:31	1			10
Room 20 - Drinking Fountain	DW	5/15/2025	5:34	1			11
Room 20 - Sink	DW	5/15/2025	5:34	1			12
Room 21 - Drinking Fountain	DW	5/15/2025	5:35	1			13
Room 21 - Sink	DW	5/15/2025	5:35	1			14
Room 21A - Sink (Right - Faucet) (Cold)	DW	5/15/2025	5:35	1			15
Room 22 - Drinking Fountain	DW	5/15/2025	5:45	1			16
Room 22 - Sink	DW	5/15/2025	5:45	1			17
2nd Floor Outside Boy's Restroom/22 - Drinking Fountain (Left)	DW	5/15/2025	5:47	1			18
2nd Floor Outside Boy's Restroom/22 - Drinking Fountain (Right)	DW	5/15/2025	5:43	1			15
2nd Floor Boy's Restroom Across From Room 22 - Sink (Left)	DW	5/15/2025	5:43	1			20
2nd Floor Boy's Restroom Across From Room 22 - Sink (Center)	DW	5/15/2025	5:43	1			21
2nd Floor Boy's Restroom Across From Room 22 - Sink (Right)	DW	5/15/2025	5:43	1			22
Room 23 - Drinking Fountain	DW	5/15/2025	5:48	1			23

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- 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.
- A-LL The total low level alkalinity results are to a pH endpoint of 4.3-4.7 pH units per SM 2320 B.
- 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.
- R1 The numerical difference between the parent sample and the duplicate (DUP) is outside of the accepted recovery limits. Greater than 5 degrees for Flashpoint, or greater than 0.1 pH units for pH.
- 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.
- R5 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30% because the results are too low to represent proper statistical error. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series. The sample results are not affected.
- R6 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30%. This may indicate a possible matrix interference. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series.
- 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.<<>>
- 1 Value exceeds one half of the Maximum Contaminant Level.