



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

April 24, 2024

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

RE: Wilson Elementary Lead Testing

Order No.: 24040629

Dear Andy Chasteen:

Neilson Research Corporation received 28 sample(s) on 4/12/2024 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#: 24040629
Date: 4/24/2024

CLIENT: Medford School District
Project: Wilson Elementary 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#: 24040629
 Date Reported: 4/24/2024

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-01 Client Sample ID: Rm 14-DF
 Collection Date: 4/12/2024 6:25:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 14-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.34		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-02 Client Sample ID: Rm 14-Sink
 Collection Date: 4/12/2024 6:25:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 14-Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	4.72		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-03 Client Sample ID: Rm 15-DF
 Collection Date: 4/12/2024 6:28:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 15-DF

Trace Metals by EPA 200.8 ICP-MS						Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	11.1		0.515	ppb	1	4/23/2024	15.0	A

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

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

Original

Results are out of the EPA limits



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Analytical Report

WO#: 24040629
 Date Reported: 4/24/2024

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-04 Client Sample ID: Rm 15-Sink
 Collection Date: 4/12/2024 6:28:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 15-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst:	CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	6.94		0.515	ppb	1	4/23/2024	15.0	A	

Lab ID: 24040629-05 Client Sample ID: W End C Wing Girl's RR-Sink (Lt)
 Collection Date: 4/12/2024 6:31:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: W End C Wing Girl's RR-Sink (Lt)

Trace Metals by EPA 200.8 ICP-MS								Analyst:	CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	13.1		0.515	ppb	1	4/23/2024	15.0	A	

Lab ID: 24040629-06 Client Sample ID: W End C Wing Girl's RR-Sink (Rt)
 Collection Date: 4/12/2024 6:31:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: W End C Wing Girl's RR-Sink (Rt)

Trace Metals by EPA 200.8 ICP-MS								Analyst:	CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	2.91		0.515	ppb	1	4/23/2024	15.0	A	

QUALIFIERS	* Value exceeds Maximum or Minimum 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: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-07 Client Sample ID: W End C Wing Boy's RR-Sink (Lt)
 Collection Date: 4/12/2024 6:35:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: W End C Wing Boy's RR-Sink (Lt)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	7.13		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-08 Client Sample ID: W End C Wing Boy's RR-Sink (Rt)
 Collection Date: 4/12/2024 6:35:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: W End C Wing Boy's RR-Sink (Rt)

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.15		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-09 Client Sample ID: Pass Rm-Sink
 Collection Date: 4/12/2024 6:39:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Pass Rm-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	16.6	*	0.515	ppb	1	4/23/2024	15.0	A

QUALIFIERS	* Value exceeds Maximum or Minimum 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: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-10 Client Sample ID: Men's RR E of Staff Brk Rm-Sink
 Collection Date: 4/12/2024 6:41:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Men's RR E of Staff Brk Rm-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst:	CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	16.1	*	0.515	ppb	1	4/23/2024	15.0	A	

Lab ID: 24040629-11 Client Sample ID: Women's RR E of Staff Brk Rm-Sink
 Collection Date: 4/12/2024 6:43:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Women's RR E of Staff Brk Rm-Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst:	CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	8.76		0.515	ppb	1	4/23/2024	15.0	A	

Lab ID: 24040629-12 Client Sample ID: W Side of Gym (O/S)-DF (Lt)
 Collection Date: 4/12/2024 6:43:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: W Side of Gym (O/S)-DF (Lt)

Trace Metals by EPA 200.8 ICP-MS								Analyst:	CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	ND		0.515	ppb	1	4/23/2024	15.0	A	

QUALIFIERS	* Value exceeds Maximum or Minimum 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: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-13 Client Sample ID: W Side of Gym (O/S)-DF (Rt)
 Collection Date: 4/12/2024 6:45:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: W Side of Gym (O/S)-DF (Rt)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-14 Client Sample ID: E End D Wing Girl's RR-Sink (Lt)
 Collection Date: 4/12/2024 6:47:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: E End D Wing Girl's RR-Sink (Lt)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	5.81		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-15 Client Sample ID: E End D Wing Girl's RR-Sink (Rt)
 Collection Date: 4/12/2024 6:47:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: E End D Wing Girl's RR-Sink (Rt)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	2.52		0.515	ppb	1	4/23/2024	15.0	A

QUALIFIERS	* Value exceeds Maximum or Minimum 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: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-16 Client Sample ID: E End D Wing Girl's RR-Sink (Sep Rm)
 Collection Date: 4/12/2024 6:47:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: E End D Wing Girl's RR-Sink (Sep Rm)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.947		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-17 Client Sample ID: E End D Wing Boy's RR-Sink (Lt)
 Collection Date: 4/12/2024 6:45:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: E End D Wing Boy's RR-Sink (Lt)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.05		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-18 Client Sample ID: E End D Wing Boy's RR-Sink (Rt)
 Collection Date: 4/12/2024 6:45:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: E End D Wing Boy's RR-Sink (Rt)

Trace Metals by EPA 200.8 ICP-MS								Analyst: CBB
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	9.57		0.515	ppb	1	4/23/2024	15.0	A

QUALIFIERS	* Value exceeds Maximum or Minimum 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#: 24040629
 Date Reported: 4/24/2024

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-19 Client Sample ID: Rm 16 Staff Brk Rm-DF
 Collection Date: 4/12/2024 6:51:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 16 Staff Brk Rm-DF

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	6.89		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-20 Client Sample ID: Rm 16 Staff Brk Rm-Sink
 Collection Date: 4/12/2024 6:51:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 16 Staff Brk Rm-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.57		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-21 Client Sample ID: Rm 17-DF
 Collection Date: 4/12/2024 6:54:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 17-DF

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.974		0.515	ppb	1	4/23/2024	15.0	A

QUALIFIERS	* Value exceeds Maximum or Minimum 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#: 24040629
 Date Reported: 4/24/2024

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 900 Kenyon St
 Medford, OR 97501

Lab Order: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-22 Client Sample ID: Rm 17-Sink
 Collection Date: 4/12/2024 6:54:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 17-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	3.96		0.515	ppb	1	4/23/2024	15.0	A	

Lab ID: 24040629-23 Client Sample ID: Rm 18-Sink
 Collection Date: 4/12/2024 6:55:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 18-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	3.65		0.515	ppb	1	4/23/2024	15.0	A	

Lab ID: 24040629-24 Client Sample ID: Small Kitch Btwn Rm 18 & 19-Sink
 Collection Date: 4/12/2024 6:58:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Small Kitch Btwn Rm 18 & 19-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	2.07		0.515	ppb	1	4/23/2024	15.0	A	

QUALIFIERS	* Value exceeds Maximum or Minimum Contaminant Level.	C1 Sample container temperature is out of limit as specified at testcode
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	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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Lab Order: 24040629
Received Date: 4/12/2024 10:07:00 AM
Reported Date: 4/24/2024 1:25:52 PM

Sample Information:

Lab ID: 24040629-25 Client Sample ID: Rm 19-DF
 Collection Date: 4/12/2024 7:01:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 19-DF

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.571		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-26 Client Sample ID: Rm 19-Sink
 Collection Date: 4/12/2024 7:01:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 19-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.33		0.515	ppb	1	4/23/2024	15.0	A

Lab ID: 24040629-27 Client Sample ID: Rm 20-DF
 Collection Date: 4/12/2024 7:03:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 20-DF

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.515	ppb	1	4/23/2024	15.0	A

QUALIFIERS	* Value exceeds Maximum or Minimum Contaminant Level.	C1 Sample container temperature is out of limit as specified at testcode
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Sample Information:

Lab ID: 24040629-28 Client Sample ID: Rm 20-Sink
 Collection Date: 4/12/2024 7:03:00 AM Collected By: Andrew R Lee
 Matrix: Drinking Water Sample Location: Rm 20-Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	1.00		0.515	ppb	1	4/23/2024	15.0	A	

QUALIFIERS	* Value exceeds Maximum or Minimum 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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QC SUMMARY REPORT

WO#: 24040629
 24-Apr-24

Client: Medford School District
Project: Wilson Elementary Lead Testing

TestCode: LEAD_DW

Sample ID: MB-24980	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: PBW	Batch ID: 24980	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804513
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.515

Sample ID: LCS-24980	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: LCSW	Batch ID: 24980	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804514
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 95.4 0.520 100 0 95.4 85 115

Sample ID: 24040619-24AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: BatchQC	Batch ID: 24980	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804516
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 102 0.520 100 6.83 94.8 70 130

Sample ID: 24040619-24AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: BatchQC	Batch ID: 24980	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804517
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 102 0.520 100 6.83 95.2 70 130 102 0.394 20

Qualifiers: * Value exceeds Maximum or Minimum Contaminant Level. C1 Sample container temperature is out of limit as specified at testcode H Holding times for preparation or analysis exceeded
 MI Recovery outside control limits due to Matrix Interference ND Not Detected at the Reporting Limit PL Permit Limit
 RL Reporting Detection Limit

Original



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

QC SUMMARY REPORT

WO#: 24040629
 24-Apr-24

Client: Medford School District
Project: Wilson Elementary Lead Testing

TestCode: LEAD_DW

Sample ID: MB-24981	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: PBW	Batch ID: 24981	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804542
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.515

Sample ID: LCS-24981	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: LCSW	Batch ID: 24981	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804543
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 96.9 0.520 100 0 96.9 85 115

Sample ID: 24040629-11AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: Women's RR E of St	Batch ID: 24981	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804545
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 103 0.520 100 8.76 94.4 70 130

Sample ID: 24040629-11AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/19/2024	RunNo: 48998
Client ID: Women's RR E of St	Batch ID: 24981	TestNo: E200.8	E200.8	Analysis Date: 4/23/2024	SeqNo: 804546
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 103 0.520 100 8.76 94.2 70 130 103 0.163 20

Qualifiers: * Value exceeds Maximum or Minimum 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

- 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 2320B-2011.
- 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.<<>>