



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

May 13, 2024

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

RE: Roosevelt Elementary New Fixture

Order No.: 24041265

Dear Andy Chasteen:

Neilson Research Corporation received 1 sample(s) on 4/30/2024 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#: 24041265
Date: 5/13/2024

CLIENT: Medford School District
Project: Roosevelt Elementary New Fixture

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#: 24041265
 Date Reported: 5/13/2024

Medford School District
 900 Kenyon St
 Medford, OR 97501

Lab Order: 24041265
Received Date: 4/30/2024 11:34:00 AM
Reported Date: 5/13/2024 2:50:58 PM

Sample Information:

Lab ID: 24041265-01 Client Sample ID: O/S Rm 110 O/S Storage
 Collection Date: 4/30/2024 10:14:00 AM Collected By: Andrew Lee
 Matrix: Drinking Water Sample Location: O/S Rm 110 O/S Storage

Trace Metals by EPA 200.8 ICP-MS							Analyst: CBB		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	26.1	*CF	0.500	ppb	1	5/6/2024	15.0	A	

QUALIFIERS	* Value exceeds Maximum or Minimum Contaminant Level.	C1 Sample container temperature is out of limit as specified at testcod
	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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Results are out of the EPA limits



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QC SUMMARY REPORT

WO#: 24041265

13-May-24

Client: Medford School District
Project: Roosevelt Elementary New Fixture

TestCode: LEAD_DW

Sample ID: MB-25137	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/6/2024	RunNo: 49325						
Client ID: PBW	Batch ID: 25137	TestNo: E200.8	E200.8	Analysis Date: 5/6/2024	SeqNo: 810055						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID: LCS-25137	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/6/2024	RunNo: 49325						
Client ID: LCSW	Batch ID: 25137	TestNo: E200.8	E200.8	Analysis Date: 5/6/2024	SeqNo: 810056						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	101	0.500	100	0	101	85	115				

Sample ID: 24041159-01AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/6/2024	RunNo: 49325						
Client ID: BatchQC	Batch ID: 25137	TestNo: E200.8	E200.8	Analysis Date: 5/6/2024	SeqNo: 810060						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	98.7	0.500	100	0	98.7	70	130				

Sample ID: 24041159-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 5/6/2024	RunNo: 49325						
Client ID: BatchQC	Batch ID: 25137	TestNo: E200.8	E200.8	Analysis Date: 5/6/2024	SeqNo: 810061						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	96.7	0.500	100	0	96.7	70	130	98.7	2.04	20	

Qualifiers: * Value exceeds Maximum or Minimum Contaminant Level.
 H Holding times for preparation or analysis exceeded
 PL Permit Limit

C1 Sample container temperature is out of limit as specified at testcode
 MI Recovery outside control limits due to Matrix Interference
 RL Reporting Detection Limit

E Value above quantitation range
 ND Not Detected at the Reporting Limit

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Sample Log-In Check List

Client Name: **MedfordSchoolDist** Work Order Number: **24041265** RcptNo: **1**

Logged by:	Kyler Woolsey	4/30/2024 11:34:00 AM	<i>Kyler Woolsey</i>
Completed By:	Erin Hernandez	5/2/2024 9:38:00 AM	<i>Erin Hernandez</i>
Reviewed By:	Jordan Diemer	5/8/2024 11:56:15 AM	<i>Jordan Diemer</i>

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
 2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
 4. Shipping container/cooler in good condition? Yes No
 Custody seals intact on shipping container/cooler? Yes No Not Present
 No. Seal Date: Signed By:
 5. Was an attempt made to cool the samples? Yes No NA
 6. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
 7. Sample(s) in proper container(s)? Yes No
 8. Sufficient sample volume for indicated test(s)? Yes No
 9. Are samples (except VOA and ONG) properly preserved? Yes No
 10. Was preservative added to bottles? Yes No NA
 11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes No HNO3 pH<2
 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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- 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.<<>>