



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

January 15, 2021

John Harding
Eagle Point School District #9
PO Box 548
Eagle Point, OR 97524
TEL: (541) 830-1240
FAX (541) 830-6375

RE: Hillside Elementary

Order No.: 21010077

Dear John Harding:

Neilson Research Corporation received 2 sample(s) on 1/5/2021 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#: 21010077
Date: 1/15/2021

CLIENT: Eagle Point School District #9

Project: Hillside Elementary

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#: 21010077
 Date Reported: 1/15/2021

Eagle Point School District #9
 PO Box 548
 Eagle Point, OR 97524

Lab Order: 21010077
Received Date: 1/5/2021 8:40:00 AM
Reported Date: 1/15/2021 11:41:38 AM

Sample Information:

Lab ID: 21010077-01 Client Sample ID: A-3 Fountain
 Collection Date: 1/4/2021 4:00:00 PM Collected By: Nate B.
 Matrix: Drinking Water Sample Location: A-3 Fountain

Trace Metals by EPA 200.8 ICP-MS								Analyst:	SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	1.98		0.103	µg/L	1	1/6/2021	15.0	A	

Lab ID: 21010077-02 Client Sample ID: D Wing Shower
 Collection Date: 1/4/2021 4:15:00 PM Collected By: Nate B.
 Matrix: Drinking Water Sample Location: D Wing Shower

Trace Metals by EPA 200.8 ICP-MS								Analyst:	SJS
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	267	*	1.00	µg/L	10	1/7/2021	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
	R RPD outside accepted recovery limits	

Results are out of the EPA limits

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QC SUMMARY REPORT

WO#: 21010077
 15-Jan-21

Client: Eagle Point School District #9
Project: Hillside Elementary

TestCode: LEAD_DW

Sample ID: MB-10348	SampType: MBLK	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256						
Client ID: PBW	Batch ID: 10348	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.103									

Sample ID: LCS-10348	SampType: LCS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256						
Client ID: LCSW	Batch ID: 10348	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266223						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	98.4	0.104	100	0	98.4	85	115				

Sample ID: 21010111-01AMS	SampType: MS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256						
Client ID: BatchQC	Batch ID: 10348	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266228						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	88.8	0.104	100	0.129	88.7	70	130				

Sample ID: 21010111-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256						
Client ID: BatchQC	Batch ID: 10348	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	88.4	0.104	100	0.129	88.2	70	130	88.8	0.487	20	

Qualifiers: * Value exceeds Maximum Contaminant Level. 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 Interference ND Not Detected at the Reporting Limit PL Permit Limit
 RL Reporting Detection Limit

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QC SUMMARY REPORT

WO#: 21010077
 15-Jan-21

Client: Eagle Point School District #9
Project: Hillside Elementary

TestCode: LEAD_DW

Sample ID: MB-10347	SampType: MBLK	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256
Client ID: PBW	Batch ID: 10347	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266257
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.100			

Sample ID: LCS-10347	SampType: LCS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256
Client ID: LCSW	Batch ID: 10347	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266258
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	97.2	0.100	100	0	97.2 85 115

Sample ID: 21010070-01AMS	SampType: MS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256
Client ID: BatchQC	Batch ID: 10347	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266260
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	89.5	0.100	100	0.241	89.2 70 130

Sample ID: 21010070-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/6/2021	RunNo: 18256
Client ID: BatchQC	Batch ID: 10347	TestNo: E200.8	E200.8	Analysis Date: 1/6/2021	SeqNo: 266261
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	90.0	0.100	100	0.241	89.8 70 130 89.5 0.611 20

Qualifiers: * Value exceeds Maximum Contaminant Level. 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 Interference ND Not Detected at the Reporting Limit PL Permit Limit
 RL Reporting Detection Limit

Original

Sample Log-In Check List

Client Name: **EAGLEPTSCHOOL**

Work Order Number: **21010077**

RcptNo: **1**

Logged by:	Sarah Spence	1/5/2021 8:40:00 AM	<i>Sarah Spence</i>
Completed By:	Michelle Harsh	1/7/2021 9:54:47 AM	<i>Michelle Harsh</i>
Reviewed By:	Naomi Orr	1/15/2021 11:40:08 AM	<i>Naomi Orr</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:
Sample 02 contained visible sediment.

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: <u>Eagle Point SD #9</u>		Project Name: <u>HILLSIDE Elementary</u>		Attention:		<input checked="" type="checkbox"/> Standard 10-14 Days	
Address: <u>185 EAST MAIN ST. Eagle Point Ore. 97524</u>		Project Number:		Company Name:		<input type="checkbox"/> 5 Business Days (50% surcharge)	
Email: <u>HARDING J @ Eagle.Pnt.K12.ore.us</u>		Report To:		Address:		<input type="checkbox"/> 3 Business Days (75% surcharge)	
Phone: <u>541-830-3378</u> Fax:		Copy To:		P.O. #		<input type="checkbox"/> 24 - 48 hours (100% surcharge)	
Collected By (Print: <u>Wade Bidwell</u>)						<input type="checkbox"/> Other _____	
Collected By (Sig: <u>Wade Bidwell</u>)						Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No	
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	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested						NRC Workorder # (Lab Use Only) <u>21010077</u>		
<u>A-3 Fountain</u>			<u>1-4-2021</u>	<u>4:pm</u>	<u>1</u>	<u>Lead</u>							Remarks/Field Data	NRC Sample # (Lab Use Only) <u>01</u>
<u>O-Wing Shower</u>			<u>1-4-2021</u>	<u>4:15pm</u>	<u>1</u>									<u>02</u>

*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

Section F

Relinquish/Receive	Sign	Print	Date	Time
Relinquished By: <u>Ren Walker</u>	<u>Ren Walker</u>	<u>Ren Walker</u>	<u>1-5-2021</u>	<u>8:00 AM</u>
Received By: <u>John Harding</u>	<u>John Harding</u>	<u>John Harding</u>	<u>1-5-21</u>	<u>8:00</u>
Relinquished By: <u>John Harding</u>	<u>John Harding</u>	<u>John Harding</u>	<u>1-5-21</u>	<u>8:40</u>
Received By Laboratory: <u>Jnspruce</u>	<u>Jnspruce</u>	<u>JNS</u>	<u>1-5-2021</u>	<u>8:40</u>

**Section G
Lab Use Only**

Temp: <u>Amb</u>
4°C +/- 2°C: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Received on Ice: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Number of Bottles Received: <u>2</u>
pH Checked: <u>N/A</u>
COC Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
Field Blank Included: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Received Via UPS FedEx Other Hand

Payment: Invoice Cash VISA, M/C Check # _____ Amount _____

- B Analyte detected in the associated method blank.
- BA BOD Alternative Calculation: The initial results performed by Standard Methods did not fall within parameters of the Standard Methods calculation. An alternate approved calculation was performed using the HACH method and the value reported is an estimated concentration.
- C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
- C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
- CF Results confirmed by re-analysis.
- CU Cleanup performed as specified by method.
- D1 The diesel elution pattern for the sample is not typical.
- D2 The sample appears to be a heavier hydrocarbon range than diesel.
- D3 The sample appears to be a lighter hydrocarbon range than diesel.
- D4 Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
- D5 Detected hydrocarbons in the diesel range appear to be weathered diesel.
- E Estimated value.
- ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
- FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
- G1 The gasoline elution pattern for the sample is not typical.
- G2 The sample appears to be a heavier hydrocarbon range than gasoline.
- G3 The sample appears to be a lighter hydrocarbon range than gasoline.
- G4 Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
- HP Sample re-analysis performed outside of method specified holding time.
- HR Sample received outside of method specified holding time.
- HS Sample analyzed for volatile organics contained headspace.
- HT At the client's request, the sample was analyzed outside of method specified holding time.
- H Analysis performed outside of method specified holding time.
- J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
- L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
- MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
- N See Case Narrative on page 2 of report.
- NLR No Legionella Recovered.
- PLR Presence of Legionella Recovered.
- Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
- R Relative percent difference (RPD) is outside of the accepted recovery limits.
- R1 Relative percent difference (RPD) is outside of the accepted recovery limits. However, analyses are not controlled on RPD values for sample concentrations that are less than the reporting limit.
- R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
- R4 Duplicate analysis failed due to result being at or near the method reporting limit.
- S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
- S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
- SC Sub-contracted to another laboratory for analysis.
- SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
- # Value exceeds regulatory level for TCLP contaminant.
- X1 The motor oil elution pattern for the sample is not typical.
- X2 The sample appears to be a heavier hydrocarbon range than motor oil.
- X3 The sample appears to be a lighter hydrocarbon range than motor oil.
- * Value exceeds Maximum Contaminant Level or is outside the acceptable range.