



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)

January 25, 2021

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

RE: Upper Table Rock Elementary

Order No.: 21010292

Dear John Harding:

Neilson Research Corporation received 6 sample(s) on 1/8/2021 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#: 21010292  
Date: 1/25/2021

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**CLIENT:** Eagle Point School District #9  
**Project:** Upper Table Rock Elementary

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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#: 21010292

Date Reported: 1/25/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Lab Order: 21010292

Received Date: 1/8/2021 9:11:00 AM

Reported Date: 1/25/2021 9:23:51 AM

Sample Information:

Lab ID: 21010292-01 Client Sample ID: Gym F1  
Collection Date: 1/8/2021 6:10:00 AM Collected By: Dale Newton  
Matrix: Drinking Water Sample Location: Gym F1

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	3.38		0.103	µg/L	1	1/11/2021	15.0	A

Lab ID: 21010292-02 Client Sample ID: Gym F2  
Collection Date: 1/8/2021 6:11:00 AM Collected By: Dale Newton  
Matrix: Drinking Water Sample Location: Gym F2

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	1.54		0.103	µg/L	1	1/11/2021	15.0	A

Lab ID: 21010292-03 Client Sample ID: K-1  
Collection Date: 1/8/2021 6:15:00 AM Collected By: Dale Newton  
Matrix: Drinking Water Sample Location: K-1

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	17.5	*	0.103	µg/L	1	1/11/2021	15.0	A

QUALIFIERS	*	Value exceeds Maximum 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
	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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## Analytical Report

WO#: 21010292  
Date Reported: 1/25/2021

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

Lab Order: 21010292  
Received Date: 1/8/2021 9:11:00 AM  
Reported Date: 1/25/2021 9:23:51 AM

Sample Information:

Lab ID: 21010292-04 Client Sample ID: B-3 F  
Collection Date: 1/8/2021 6:20:00 AM Collected By: Dale Newton  
Matrix: Drinking Water Sample Location: B-3 F

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	8.34		0.103	µg/L	1	1/11/2021	15.0	A

Lab ID: 21010292-05 Client Sample ID: A-1 F  
Collection Date: 1/8/2021 6:22:00 AM Collected By: Dale Newton  
Matrix: Drinking Water Sample Location: A-1 F

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	10.8		0.103	µg/L	1	1/11/2021	15.0	A

Lab ID: 21010292-06 Client Sample ID: A-9 S  
Collection Date: 1/8/2021 6:23:00 AM Collected By: Dale Newton  
Matrix: Drinking Water Sample Location: A-9 S

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	21.8	*	0.103	µg/L	1	1/11/2021	15.0	A

QUALIFIERS	*	Value exceeds Maximum 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
	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#: 21010292  
25-Jan-21

**Client:** Eagle Point School District #9  
**Project:** Upper Table Rock Elementary

**TestCode:** LEAD\_DW

Sample ID: <b>MB-10398</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>µg/L</b>	Prep Date: <b>1/11/2021</b>	RunNo: <b>18363</b>
Client ID: <b>PBW</b>	Batch ID: <b>10398</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>1/11/2021</b>	SeqNo: <b>267595</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	ND	0.103			
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Sample ID: <b>LCS-10398</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>µg/L</b>	Prep Date: <b>1/11/2021</b>	RunNo: <b>18363</b>
Client ID: <b>LCSW</b>	Batch ID: <b>10398</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>1/11/2021</b>	SeqNo: <b>267596</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	104	0.104	100	0	104	85	115			
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Sample ID: <b>21010292-01AMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>µg/L</b>	Prep Date: <b>1/11/2021</b>	RunNo: <b>18363</b>
Client ID: <b>Gym F1</b>	Batch ID: <b>10398</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>1/11/2021</b>	SeqNo: <b>267598</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	103	0.104	100	3.38	100	70	130			
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Sample ID: <b>21010292-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>µg/L</b>	Prep Date: <b>1/11/2021</b>	RunNo: <b>18363</b>
Client ID: <b>Gym F1</b>	Batch ID: <b>10398</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>1/11/2021</b>	SeqNo: <b>267599</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	104	0.104	100	3.38	101	70	130	103	0.646	20	
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<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	C1 Sample container temperature is out of limit as specified at testcode	H Holding times for preparation or analysis exceed
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: **21010292**

RcptNo: **1**

Logged by: **Sarah Spence** **1/8/2021 9:11:00 AM**

*Sarah Spence*

Completed By: **Michelle Harsh** **1/8/2021 5:57:26 PM**

*Michelle Harsh*

Reviewed By: **Naomi Orr** **1/19/2021 1:27:45 PM**

*Naomi Orr*

### 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:  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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# Chain of Custody Record

Page \_\_\_\_ of \_\_\_\_

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

<b>Section A</b> Required Client Information	<b>Section B</b> Required Project Information	<b>Section C</b> Invoice Information	<b>Section D</b> Rush Status (Subject to Scheduling)
Company: <u>Cagle Point School Dist 9</u>	Project Name: <u>Upper Table Rock Elementary</u>	Attention:	<input checked="" type="checkbox"/> Standard 10-14 Days
Address: <u>203 N. Platt</u>	Project Number:	Company Name:	<input type="checkbox"/> 5 Business Days (50% surcharge)
<u>Cagle Point OR 97524</u>	Report To:	Address:	<input type="checkbox"/> 3 Business Days (75% surcharge)
Email: <u>Hardingj@Caglept.k12.or.us</u>	Copy To:		<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Phone: <u>541-838-6371</u> Fax:		P.O. #	<input type="checkbox"/> Other _____
Collected By (Print): <u>Dale Newton</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Collected By (Sign): <u>Dale Newton</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					Analysis Requested										NRC Workorder # <u>21010292</u> (Lab Use Only)		
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	Lead										Remarks/Field Data	NRC Sample # (Lab Use Only)
<u>27084 Gym F1</u>			<u>1-8</u>	<u>6:10</u>	<u>1</u>	"											<u>01</u>
<u>85594 Gym F2</u>			<u>1-8</u>	<u>6:11</u>	<u>1</u>	"											<u>02</u>
<u>82622 K-1</u>			<u>1-8</u>	<u>6:15</u>	<u>1</u>	"											<u>03</u>
<u>82631 B-3 F</u>			<u>1-8</u>	<u>6:20</u>	<u>1</u>	"											<u>04</u>
<u>85499 A-1 F</u>			<u>1-8</u>	<u>6:22</u>	<u>1</u>	"											<u>05</u>
<u>85234 A-9-S</u>			<u>1-8</u>	<u>6:23</u>	<u>1</u>	"											<u>06</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>Dale Newton</u>		<u>Dale Newton</u>	<u>1-8-2021</u>	<u>8:30</u>
Received By:	<u>John Harding</u>		<u>John Harding</u>	<u>1-8-2021</u>	<u>8:30</u>
Relinquished By:					
Received By:					
Relinquished By:	<u>John Harding</u>		<u>John Harding</u>	<u>1-8-21</u>	<u>9:11</u>
Received By Laboratory:	<u>Jaraha Spence</u>		<u>JNS</u>	<u>1/8/2021</u>	<u>9:11</u>

Section G Lab Use Only	
Temp: <u>Amb</u>	
4°C +/- 2°C: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Received on Ice: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Number of Bottles Received: <u>6</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 <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Other <input checked="" type="checkbox"/> Hand	
Payment: <input type="checkbox"/> Invoice <input type="checkbox"/> Cash <input type="checkbox"/> VISA, M/C <input type="checkbox"/> 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.