



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)

March 02, 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.: 21021022

Dear John Harding:

Neilson Research Corporation received 2 sample(s) on 2/18/2021 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#: 21021022  
Date: 3/2/2021

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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#: 21021022  
Date Reported: 3/2/2021

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

Lab Order: 21021022  
Received Date: 2/18/2021 11:42:00 AM  
Reported Date: 3/2/2021 1:36:34 PM

Sample Information:

Lab ID: 21021022-01 Client Sample ID: K-1  
Collection Date: 2/18/2021 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	16.7	*	0.103	ppb	1	2/22/2021	15.0	A	

Lab ID: 21021022-02 Client Sample ID: A-9 S  
Collection Date: 2/18/2021 6:30:00 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	7.75		0.103	ppb	1	2/22/2021	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		

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#: 21021022  
02-Mar-21

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

**TestCode:** LEAD\_DW

Sample ID: <b>MB-11006</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>2/22/2021</b>	RunNo: <b>19381</b>
Client ID: <b>PBW</b>	Batch ID: <b>11006</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>2/22/2021</b>	SeqNo: <b>288505</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.103

Sample ID: <b>LCS-11006</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>2/22/2021</b>	RunNo: <b>19381</b>
Client ID: <b>LCSW</b>	Batch ID: <b>11006</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>2/22/2021</b>	SeqNo: <b>288506</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 99.3 0.104 100 0 99.3 85 115

Sample ID: <b>21021052-01AMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>2/22/2021</b>	RunNo: <b>19381</b>
Client ID: <b>BatchQC</b>	Batch ID: <b>11006</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>2/22/2021</b>	SeqNo: <b>288529</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 93.7 0.104 100 0.0731 93.6 70 130

Sample ID: <b>21021052-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>ppb</b>	Prep Date: <b>2/22/2021</b>	RunNo: <b>19381</b>
Client ID: <b>BatchQC</b>	Batch ID: <b>11006</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>2/22/2021</b>	SeqNo: <b>288531</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 93.0 0.104 100 0.0731 93.0 70 130 93.7 0.683 20

**Qualifiers:**  
\* Value exceeds Maximum Contaminant Level.  
MI Recovery outside control limits due to Matrix Interference  
RL Reporting Detection Limit

CI Sample container temperature is out of limit as specified at testcode  
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded  
PL Permit Limit

Original

## Sample Log-In Check List

Client Name: **EAGLEPTSCHOOL**

Work Order Number: **21021022**

RcptNo: **1**

Logged by: **Sarah Spence** **2/18/2021 11:42:00 AM**

*Sarah Spence*

Completed By: **Krizzle Calip** **2/19/2021 10:10:10 AM**

*Krizzle Calip*

Reviewed By: **Naomi Orr** **3/2/2021 1:30:05 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 ☐ HNO<sub>3</sub> 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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NEILSON  
RESEARCH  
CORPORATION

## Chain of Custody Record

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

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

## Section A

### Required Client Information

Company: Eagle Point School District #9		
Address: PO Box 548		
Eagle Point, OR 97524		
Email:		
Phone:	541-830-1240	Fax: 541-830-6376
Collected By (Print)	Dale Newton	
Collected By (Sign)	Dale Newton	
Email Report <input checked="" type="checkbox"/>	Mail Report <input type="checkbox"/>	Fax Report <input type="checkbox"/>

## Section B

### Required Project Information

Project Name:	<del>WATERBURY 7500-A</del> UTRE	Attention:
Project Number:	client	Comments:
Report To:	emir	Address:
Copy To:	3-2-2021	

## Section C

### Invoice Information

Attention: <del>XXXXXXXXXX</del> John Hancock	
Company Name:	
Address:	
5021	
	PO #:

## Section D

**Rush Status (Subject to Scheduling)**

Standard: 10 Business Days	
Priority: 5 Business Days (List $\times$ 1.50)	
Express: 3 Business Days (List $\times$ 1.75)	
Rush: 2 Business Days (List $\times$ 2.00)	
Rush: Same Day (List $\times$ 3.00)	
Authorized	Yes No

## Section E

### Sample Information

[illegible]

### Analysis Requested

Analysis Requested	
No. of Containers	<div> <div>101-2-Grain</div> <div>lead</div> </div> <div> <div>255</div> <div>client</div> <div>empr NO</div> <div>3-2-2021</div> </div> <div> <div>PH-Grain</div> </div>

## NRC Workorder #

(Lab Use Only)

Z-1021072

Remarks / Field Data
-------------------------

NRC Sample #  
(Lab Use Only)

pH=

$$\frac{1}{2}$$

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

## Section F

## Relinquish/Receive

Sian

Print

Date \_\_\_\_\_

Time

	Date	Time
Relinquished By: <i>Deb Newton</i>	<i>Dale Newton</i>	<i>2-18 11:20</i>
Received By: <i>John Harding</i>	<i>John Harding</i>	<i>2/18/21 11:20</i>
Relinquished By:		
Received By:		
Relinquished By: <i>John Harding</i>	<i>John Harding</i>	<i>2/18 11:47</i>
Received By Laboratory: <i>Dr. Wallace</i>	<i>Dr. Wallace</i>	<i>2/18/21 11:47</i>

## Section G

**Lab Use Only**

Temp: 77.0

4°C +/- 2°C: Yes ☒ No

Received on Ice: Yes ☒ No

Number of Bottles Received: 2

pH Checked: NA

COC Seals Intact:	Yes	No	NA
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Field Blank Included: Yes ☒ No

Received Via	<u>UPS</u>	<u>FedEX</u>	<u>Other</u>	<u>Hand</u>
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Payment: Invoice Cash VISA, M/C Check #            Amount



- hr/>
- 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.