



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

January 27, 2021

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

RE: Eagle Point Middle School

Order No.: 21010605

Dear John Harding:

Neilson Research Corporation received 11 sample(s) on 1/15/2021 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#: 21010605
Date: 1/27/2021

CLIENT: Eagle Point School District #9

Project: Eagle Point Middle School

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#: 21010605
 Date Reported: 1/27/2021

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

Lab Order: 21010605
Received Date: 1/15/2021 1:24:00 PM
Reported Date: 1/27/2021 11:43:34 AM

Sample Information:

Lab ID: 21010605-01 Client Sample ID: A1-1
 Collection Date: 1/15/2021 7:20:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A1-1

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	2.89		0.103	µg/L	1	1/18/2021	15.0	A	

Lab ID: 21010605-02 Client Sample ID: A2-1
 Collection Date: 1/15/2021 7:22:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A2-1

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	12.5		0.103	µg/L	1	1/18/2021	15.0	A	

Lab ID: 21010605-03 Client Sample ID: A3-2
 Collection Date: 1/15/2021 7:22:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A3-2

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	21.2	*	0.103	µg/L	1	1/18/2021	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

Original

Results are out of the EPA limits



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Analytical Report

WO#: 21010605
 Date Reported: 1/27/2021

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

Lab Order: 21010605
Received Date: 1/15/2021 1:24:00 PM
Reported Date: 1/27/2021 11:43:34 AM

Sample Information:

Lab ID: 21010605-04 Client Sample ID: A4-1
 Collection Date: 1/15/2021 7:25:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A4-1

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	14.4		0.100	µg/L	1	1/19/2021	15.0	A	

Lab ID: 21010605-05 Client Sample ID: A4-2
 Collection Date: 1/15/2021 7:25:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A4-2

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	5.23		0.103	µg/L	1	1/18/2021	15.0	A	

Lab ID: 21010605-06 Client Sample ID: B1-1
 Collection Date: 1/15/2021 7:30:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: B1-1

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	97.8	*	0.100	µg/L	1	1/19/2021	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	

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Results are out of the EPA limits



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Analytical Report

WO#: 21010605
 Date Reported: 1/27/2021

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

Lab Order: 21010605
Received Date: 1/15/2021 1:24:00 PM
Reported Date: 1/27/2021 11:43:34 AM

Sample Information:

Lab ID: 21010605-07 Client Sample ID: A11-1
 Collection Date: 1/15/2021 7:35:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A11-1

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	18.3	*	0.100	µg/L	1	1/19/2021	15.0	A	

Lab ID: 21010605-08 Client Sample ID: A11-3
 Collection Date: 1/15/2021 7:35:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A11-3

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	82.5	*	0.100	µg/L	1	1/19/2021	15.0	A	

Lab ID: 21010605-09 Client Sample ID: A12-4
 Collection Date: 1/15/2021 7:37:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: A12-4

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	8.83		0.103	µg/L	1	1/18/2021	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	

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Results are out of the EPA limits



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Analytical Report

WO#: 21010605
 Date Reported: 1/27/2021

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

Lab Order: 21010605
Received Date: 1/15/2021 1:24:00 PM
Reported Date: 1/27/2021 11:43:34 AM

Sample Information:

Lab ID: 21010605-10 Client Sample ID: C4-1
 Collection Date: 1/15/2021 7:42:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: C4-1

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	11.2		0.103	µg/L	1	1/18/2021	15.0	A	

Lab ID: 21010605-11 Client Sample ID: C1-2
 Collection Date: 1/15/2021 7:43:00 AM Collected By: Max Mannino
 Matrix: Drinking Water Sample Location: C1-2

Trace Metals by EPA 200.8 ICP-MS							Analyst: SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	4.83		0.103	µg/L	1	1/18/2021	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 NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

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QC SUMMARY REPORT

WO#: 21010605
 27-Jan-21

Client: Eagle Point School District #9
Project: Eagle Point Middle School

TestCode: LEAD_DW

Sample ID: MB-10476	SampType: MBLK	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549						
Client ID: PBW	Batch ID: 10476	TestNo: E200.8	E200.8	Analysis Date: 1/18/2021	SeqNo: 270333						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.103									

Sample ID: LCS-10476	SampType: LCS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549						
Client ID: LCSW	Batch ID: 10476	TestNo: E200.8	E200.8	Analysis Date: 1/18/2021	SeqNo: 270334						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	105	0.104	100	0	105	85	115				

Sample ID: 21010605-11AMS	SampType: MS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549						
Client ID: C1-2	Batch ID: 10476	TestNo: E200.8	E200.8	Analysis Date: 1/18/2021	SeqNo: 270345						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	112	0.104	100	4.83	107	70	130				

Sample ID: 21010605-11AMSD	SampType: MSD	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549						
Client ID: C1-2	Batch ID: 10476	TestNo: E200.8	E200.8	Analysis Date: 1/18/2021	SeqNo: 270346						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	107	0.104	100	4.83	103	70	130	112	4.16	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



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QC SUMMARY REPORT

WO#: 21010605
 27-Jan-21

Client: Eagle Point School District #9
Project: Eagle Point Middle School

TestCode: LEAD_DW

Sample ID: MB-10475	SampType: MBLK	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549
Client ID: PBW	Batch ID: 10475	TestNo: E200.8	E200.8	Analysis Date: 1/18/2021	SeqNo: 270351
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	0.100			

Sample ID: LCS-10475	SampType: LCS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549
Client ID: LCSW	Batch ID: 10475	TestNo: E200.8	E200.8	Analysis Date: 1/19/2021	SeqNo: 270352
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	108	0.100	100	0	108 85 115

Sample ID: 21010569-01BMS	SampType: MS	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549
Client ID: BatchQC	Batch ID: 10475	TestNo: E200.8	E200.8	Analysis Date: 1/19/2021	SeqNo: 270354
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	102	0.100	100	0.0230	102 70 130

Sample ID: 21010569-01BMSD	SampType: MSD	TestCode: LEAD_DW	Units: µg/L	Prep Date: 1/18/2021	RunNo: 18549
Client ID: BatchQC	Batch ID: 10475	TestNo: E200.8	E200.8	Analysis Date: 1/19/2021	SeqNo: 270355
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	102	0.100	100	0.0230	102 70 130 102 0.195 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: **21010605** RcptNo: **1**

Logged by:	Tamra Schmedemann	1/15/2021 1:24:00 PM	<i>Tamra Schmedemann</i>
Completed By:	Krizzle Calip	1/18/2021 11:04:04 AM	<i>Krizzle Calip</i>
Reviewed By:	Naomi Orr	1/27/2021 11:24:08 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
 HNO3 pH<2
 11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes No 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:
The sample submitted was tan in color (sample 08) and contained visible sediments (samples 04, 06, 07, and 08).

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>Eagle Point Middle</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>Eagle Pt. OR 97524</u>	Report To:	Address:	<input type="checkbox"/> 3 Business Days (75% surcharge)
Email: <u>Harding.j@eaglept.k12.or.us</u>	Copy To:	P.O. #	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Phone: <u>541-830-6376</u> Fax:			<input type="checkbox"/> Other _____
Collected By (Print): <u>Max Mannino</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Collected By (Sign): <u>Max m</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			

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested										Remarks/Field Data	NRC Sample # (Lab Use Only)
A1-1			1/15/21	7:20	1	Lead											01
A2-1				7:22	1												02
A3-2				7:22	1												03
A4-1				7:25	1												04
A4-2				7:25	1												05
B1-1				7:30	1												06
A11-1				7:35	1												07
A11-3				7:35	1												08
A12-4				7:37	1												09
C4-1				7:42	1												10

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

Relinquish/Receive	Sign	Print	Date	Time
Relinquished By: <u>Max Mannino</u>	<u>Max Mannino</u>	<u>Max Mannino</u>	<u>1/15/21</u>	<u>9:10</u>
Received By: <u>John Harding</u>	<u>John Harding</u>	<u>John Harding</u>	<u>1/15/21</u>	<u>9:10</u>
Relinquished By:				
Received By:				
Relinquished By: <u>John Harding</u>	<u>John Harding</u>	<u>John Harding</u>	<u>1/15/21</u>	<u>1:24</u>
Received By Laboratory: <u>Tamra Schneider</u>	<u>Tamra Schneider</u>	<u>Tamra Schneider</u>	<u>1/15/21</u>	<u>1:24 pm</u>

Section G
Lab Use Only

Temp: cem b

4°C +/- 2°C: Yes No

Received on Ice: Yes No

Number of Bottles Received: 10

pH Checked: N/A

SQC Seals Intact: Yes No N/A

Field Blank Included: Yes No

Received Via UPS FedEx Other Hand

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

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>Eagle Point Middle</u>	Attention:	<input checked="" type="checkbox"/> Standard 10-14 Days
Address: <u>233 N. Plat</u>	Project Number:	Company Name:	<input type="checkbox"/> 5 Business Days (50% surcharge)
<u>Eagle Point OR 97524</u>	Report To:	Address:	<input type="checkbox"/> 3 Business Days (75% surcharge)
Email: <u>Hardingj@Eaglept.k12.or.us</u>	Copy To:	P.O. #	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Phone: <u>541-838-6736</u> Fax:			<input type="checkbox"/> Other _____
Collected By (Print): <u>Max Manning</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Collected By (Sign): <u>Max Manning</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			

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested										Remarks/Field Data	NRC Sample # (Lab Use Only)	
<u>C1-2</u>			<u>1/15/21</u>	<u>7:43</u>	<u>1</u>	<u>Lead</u>												<u>11</u>

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

Relinquish/Receive	Sign	Print	Date	Time
Relinquished By: <u>Max Manning</u>	<u>Max Manning</u>	<u>Max Manning</u>	<u>1/15/21</u>	<u>9:10 AM</u>
Received By: <u>John Harding</u>	<u>John Harding</u>	<u>John Harding</u>	<u>1/15/21</u>	<u>9:10</u>
Relinquished By:				
Received By:				
Relinquished By: <u>John Harding</u>	<u>John Harding</u>	<u>John Harding</u>	<u>1/15/21</u>	<u>1:24</u>
Received By Laboratory: <u>John Schmedem</u>	<u>John Schmedem</u>	<u>John Schmedem</u>	<u>1/15/21</u>	<u>1:24 pm</u>

Section G Lab Use Only
Temp: <u>4.0</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>1</u>
pH Checked: <u>NA</u>
COC Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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.