

May 13, 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 High School Order No.: 21041635

Dear John Harding:

Neilson Research Corporation received 18 sample(s) on 4/30/2021 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

Tampa Stomedeman

Tamra Schmedemann Senior Project Manager

245 S Grape St Medford, OR 97501











**Case Narrative** 

WO#: **21041635**Date: **5/13/2021** 

**CLIENT:** Eagle Point School District #9 **Project:** Eagle Point High 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.



Trace Metals by EPA 200.8 ICP-MS

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

### **Analytical Report**

WO#: 21041635 Date Reported: 5/13/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Sample Information:

**Lab Order:** 21041635

Analyst;

**Received Date:** 4/30/2021 11:41:00 AM

**Reported Date:** 5/13/2021 12:11:52 PM

SJS

Client Sample ID: Lab ID: 21041635-01 Rock Hall Mens RR #A

Collection Date: Collected By: John S 4/30/2021 7:30:00 AM

Matrix: Sample Location: Rock Hall Mens RR #A **Drinking Water** 

**NELAP** Date **MRL MCL Analyses** Result Qual Units DF Analyzed **Status** 

5/6/2021 Lead 0.287 0.103 15.0 Α ppb

Lab ID: 21041635-02 Client Sample ID: Rock Hall Womens RR #A

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: **Drinking Water** Sample Location: Rock Hall Womens RR #A

Analyst; SJS Trace Metals by EPA 200.8 ICP-MS Date **NELAP MRL** Units MCL Result Qual DF **Analyses** Analyzed **Status** Lead 0.349 0.103 5/6/2021 15.0 Α ppb

Lab ID: 21041635-03 Client Sample ID: Rock Hall Womens RR #B

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: Sample Location: Rock Hall Womens RR #B Drinking Water

Trace Metals by EPA 200.8 ICP-MS				Aı	nalyst;	SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.227		0.103	ppb	1	5/6/2021	15.0	Α

Value exceeds Maximum Contaminant Level.

Value above quantitation range

J Analyte detected below quantitation limits

Not Detected at the Reporting Limit RPD outside accepted recovery limits

ND

NELAP

C1 Sample container temperature is out of limit as specified at testcod

Н Holding times for preparation or analysis exceeded

ΜI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

Results are out of the EPA limits



**Analytical Report** 

WO#: 21041635 Date Reported: 5/13/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Collection Date:

Sample Information:

**Lab Order:** 21041635

**Received Date:** 4/30/2021 11:41:00 AM **Reported Date:** 5/13/2021 12:11:52 PM

Lab ID:

Matrix:

**Analyses** 

Lead

21041635-04

**Drinking Water** 

21041635-05

**Drinking Water** 

4/30/2021 7:30:00 AM

Client Sample ID:

SC4 Sink B

Result

Qual

Collected By:

John S

SC4 Sink B

Units

ppb

Trace Metals by EPA 200.8 ICP-MS

Sample Location:

**MRL** 

0.103

Analyst;

DF

SJS

Date

Analyzed

5/6/2021

Date

Analyzed

**NELAP** 

**MCL** 

**Status** 

Α

Trace Metals by EPA 200.8 ICP-MS

Trace Metals by EPA 200.8 ICP-MS

50.6

Client Sample ID:

SC4 Sink C

Analyst;

DF

15.0

Lab ID: Collection Date:

Collected By:

Matrix:

4/30/2021 7:30:00 AM

Sample Location:

John S

SC4 Sink C

SJS

**NELAP** 

**Status** 

**Analyses** Lead

Result

**MRL** Qual

Units

ppb

5/6/2021

MCL 15.0

Α

Lab ID:

Matrix:

Collection Date:

21041635-06

Drinking Water

4/30/2021 7:30:00 AM

Collected By:

SC4 Sink D

John S

Result

2.97

Sample Location:

MRL

1.00

Client Sample ID:

0.103

SC4 Sink D

Analyst; SJS

**NELAP** 

Analyses

**Qual** 

Units

ppb

DF

10

Date **Analyzed** 

5/6/2021

MCL

15.0

Status

Α

Lead

Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

J Analyte detected below quantitation limits

RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit C1 Sample container temperature is out of limit as specified at testcod

Н Holding times for preparation or analysis exceeded

ΜI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

NELAP

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

Results are out of the EPA limits



# **Analytical Report**

WO#: 21041635 Date Reported: 5/13/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Sample Information:

**Lab Order:** 21041635

**Received Date:** 4/30/2021 11:41:00 AM

**Reported Date:** 5/13/2021 12:11:52 PM

Lab ID: 21041635-07 Client Sample ID: M Staff Room

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: Drinking Water Sample Location: M Staff Room

Trace Metals by EPA 200.8 ICP-MS Analyst; SJS

Date **NELAP MRL** Units **MCL Analyses** Result Qual DF Analyzed **Status** Lead 1.04 0.103 5/6/2021 15.0 Α ppb

Lab ID: 21041635-08 Client Sample ID: M Tech Room

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: Drinking Water Sample Location: M Tech Room

Trace Metals by EPA 200.8 ICP-MS Analyst; SJS

Date **NELAP MRL** Units MCL **Analyses** Result Qual DF Analyzed **Status** Lead 1.84 0.103 5/6/2021 15.0 Α ppb

Lab ID:21041635-09Client Sample ID:SS7Collection Date:4/30/2021 7:30:00 AMCollected By:John SMatrix:Drinking WaterSample Location:SS7

Trace Metals by EPA 200.8 ICP-MS				Ar	nalyst;	SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	24.0	*	0.103	ppb	1	5/6/2021	15.0	Α

Value exceeds Maximum Contaminant Level.

Value above quantitation range

J Analyte detected below quantitation limits

RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit

NELAP

C1 Sample container temperature is out of limit as specified at testcod

H Holding times for preparation or analysis exceeded

MI Recovery outside comtrol limits due to Matrix Interference

PL Permit Limit

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



### **Analytical Report**

WO#: 21041635 Date Reported: 5/13/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Sample Information:

**Lab Order:** 21041635

**Received Date:** 4/30/2021 11:41:00 AM

**Reported Date:** 5/13/2021 12:11:52 PM

Client Sample ID: Lab ID: 21041635-10 SC1 Staff Bathroom

Collection Date: Collected By: John S 4/30/2021 7:30:00 AM

Matrix: Sample Location: SC1 Staff Bathroom **Drinking Water** 

Analyst; SJS Trace Metals by EPA 200.8 ICP-MS Date **NELAP MRL** Units **MCL Analyses** Result Qual DF Analyzed **Status** Lead 1.86 0.103 5/6/2021 15.0 Α ppb

Lab ID: 21041635-11 Client Sample ID: Office Staff Bath

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: Drinking Water Sample Location: Office Staff Bath

Analyst; SJS Trace Metals by EPA 200.8 ICP-MS Date **NELAP** MRL Units **MCL** Result Qual DF **Analyses** Analyzed **Status** Lead 5.19 0.103 5/6/2021 15.0 Α ppb

Lab ID: 21041635-12 Client Sample ID: Health Bath 1 Collection Date: 4/30/2021 7:30:00 AM Collected By: John S Matrix: Sample Location: Health Bath 1 Drinking Water

Trace Metals by EPA 200.8 ICP-MS				Ar	nalyst;	SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.243		0.103	ppb	1	5/6/2021	15.0	Α

Value exceeds Maximum Contaminant Level.

Value above quantitation range

J Analyte detected below quantitation limits

RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit

NELAP

C1 Sample container temperature is out of limit as specified at testcod

Н Holding times for preparation or analysis exceeded

ΜI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



**Analytical Report** 

WO#: 21041635 Date Reported: 5/13/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Sample Information:

**Lab Order:** 21041635

**Received Date:** 4/30/2021 11:41:00 AM

**Reported Date:** 5/13/2021 12:11:52 PM

Client Sample ID: Lab ID: 21041635-13 Kitchen Sink 1

Collection Date: Collected By: John S 4/30/2021 7:30:00 AM

Matrix: Sample Location: Kitchen Sink 1 **Drinking Water** 

Analyst; SJS Trace Metals by EPA 200.8 ICP-MS

Date **NELAP** MRL Units **MCL Analyses** Result Qual DF Analyzed **Status** Lead 5.66 0.103 5/6/2021 15.0 Α ppb

Lab ID: 21041635-14 Client Sample ID: Kitchen Sink 5

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: Drinking Water Sample Location: Kitchen Sink 5

Analyst; SJS Trace Metals by EPA 200.8 ICP-MS

Date **NELAP** MRL Units **MCL** Result Qual DF **Analyses** Analyzed **Status** Lead 7.83 0.103 5/6/2021 15.0 Α ppb

Lab ID: 21041635-15 Client Sample ID: Kitchen Sink 6

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: Sample Location: Kitchen Sink 6 Drinking Water

Trace Metals by EPA 200.8 ICP-MS				nalyst;	SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	42.8	*	0.103	ppb	1	5/6/2021	15.0	Α

Value exceeds Maximum Contaminant Level.

Value above quantitation range

J Analyte detected below quantitation limits

Not Detected at the Reporting Limit RPD outside accepted recovery limits

ND

NELAP

C1 Sample container temperature is out of limit as specified at testcod

Н Holding times for preparation or analysis exceeded

ΜI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



Trace Metals by EPA 200.8 ICP-MS

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

# **Analytical Report**

WO#: 21041635 Date Reported: 5/13/2021

**NELAP** 

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Sample Information:

**Lab Order:** 21041635

Analyst;

**Received Date:** 4/30/2021 11:41:00 AM

**Reported Date:** 5/13/2021 12:11:52 PM

SJS

Date

Lab ID: 21041635-16 Client Sample ID: Main Gym Girls Pub RR 1

Collection Date: Collected By: John S 4/30/2021 7:30:00 AM

Matrix: Sample Location: **Drinking Water** Main Gym Girls Pub RR 1

MRL Units **MCL Analyses** Result Qual DF Analyzed **Status** 

5/6/2021 Lead 0.646 0.103 15.0 Α ppb

Lab ID: 21041635-17 Client Sample ID: Main Gym Boys Show Rm 3

Collection Date: 4/30/2021 7:30:00 AM Collected By:

Matrix: **Drinking Water** Sample Location: Main Gym Boys Show Rm 3

SJS Analyst; Trace Metals by EPA 200.8 ICP-MS Date **NELAP** MRL Units **MCL** Result Qual DF **Analyses** Analyzed **Status** Lead 0.800 0.103 5/6/2021 15.0 Α

ppb

Lab ID: 21041635-18 Client Sample ID: Stadium Concess #2

Collection Date: 4/30/2021 7:30:00 AM Collected By: John S

Matrix: Sample Location: Stadium Concess #2 Drinking Water

Trace Metals by EPA 200.8 ICP-MS				Aı	nalyst;	SJS		
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.219		0.103	ppb	1	5/6/2021	15.0	Α

Value exceeds Maximum Contaminant Level.

Value above quantitation range

J Analyte detected below quantitation limits

Not Detected at the Reporting Limit RPD outside accepted recovery limits

ND

NELAP

C1 Sample container temperature is out of limit as specified at testcod

Н Holding times for preparation or analysis exceeded

ΜI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

Results are out of the EPA limits



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

### Sample Log-In Check List

Website: www.nrclabs.com Client Name: **EAGLEPTSCHOOL** Work Order Number: 21041635 RcptNo: 1 4/30/2021 11:41:00 AM Logged by: Ty Bryde 5/3/2021 5:29:04 PM Completed By: Dorie Maier Reviewed By: **Chain of Custody** Yes 🗸 No 🗌 Not Present 1. Is Chain of Custody complete? 2. How was the sample delivered? Client Log In Yes NA 🗸 No 🗌 3. Coolers are present? Yes 🗹 No 🗌 4 Shipping container/cooler in good condition? Yes No  $\square$ Custody seals intact on shipping container/cooler? Not Present ✓ Seal Date: Signed By: No  $\square$ NA 🗸 5. Was an attempt made to cool the samples? Yes NA 🗸 Yes No 6. Were all samples received at a temperature of >0° C to 6.0°C 7. Sample(s) in proper container(s)? No 🗀 8. Sufficient sample volume for indicated test(s)? Yes No [ 9. Are samples (except VOA and ONG) properly preserved? Yes 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? No No VOA Vials No 🗸 Yes 12. Were any sample containers received broken? Yes 🗸 No 🗌 13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 14. Are matrices correctly identified on Chain of Custody? Yes 15. Is it clear what analyses were requested? Yes **✓** Yes 🗸 16. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes NA 🗸 17. Was client notified of all discrepancies with this order? No Person Notified: Date By Whom: Via: eMail Phone Fax In Person Regarding:

18. Additional remarks:

Client Instructions:

#### **Cooler Information**

Cooler No Temp C Condition Seal Intact Seal No Seal Da	e Signed By

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

CORPORATION						10000							
Section A Required Client Information						Section (	C nformation				Section D		
Company Coole Cint School		oject Name: Cagle	_	ich	Schoo					Rush Status (Subject to Scheduling)  Standard: 10 Business Days			
Address: 203 N. Platt		oject Number:	10,100	J	2000	Company	Name:				ness Days (List × 1.50)		
Egglo Bict of 9750	Rep	port To:				Address:				Express: 3 Bus	siness Days (List × 1.75)		
Phone 541 830-6376 Fax:	2.00 110 Cop	ру То:								Rush: 2 Busine	ess Days (List × 2.00)		
Phone Full 830 - (37/6 Fax:	0-01-045					P.O. #				Rush: 1 Busine	ess Day (List × 2.50)		
Collected By (Print): John A Sollice	. \									Rush: Same Da	and a second control of the second control o		
Collected By (Sign):						Ana	lysis Reque	sted			orized Yes No		
Email Report Mail Report Fax Report						1 1					70310		
Eman Report 2													
Section E				ners	-					NRC Workorder #	21841635		
Sample Information				ntai	1					(Lab Use Only)	0.09[1077		
Sample ID	Comp/Grab Ma	atrix* Date	Time	No. of Containers	O					Remarks /	NRC Sample #	(Lab	
		Collected	Collected	No.	V					Field Data	Use Only)		
Rock hall Mous RRA		4/30/21	7:30		1						01		
Rock hall Womens 12R # A Pockhall Womens 12R. #75											02		
Rockhall Womens R.R. 73											20		
SCY SIAK IS										*	04		
SUY SING C											07		
SCH SING D											06		
M Staff Room					1						40		
M Tech 1200M		/									88		
557											09		
*Matrix: DW - Drinking Water WW - Wastewater W - W	/ater S - Soil/Solid	SL - Sludge O - Oil V	7:30 AL	- Othe	r l					*	10		
Section F		,	1							Section G			
Relinquish/Receive Sign			Prin	t			Date,		Time	Lab Use Only			
Relinquished By:	$\sim 4$	John	A Spa	1119	ero J	1	1/30/2/	1	1:10	Temp: AMB	IR Therm ID: —		
Received By:	,	John	Haco	1.2	a	c,	1/3/2	111	:10	≤6°C:Yes _文	No		
Relinquished By: Jahraan			1,20		4	130/2	11	1:41	Received on Ice:				
Received By:	,		0,1000		}	7,	,	7,		Number of Bottles Re	eceived: 18		
Relinquished By:										pH Checked:	N.A.		
Received By Laboratory:	3/	Tu	or de			4	-30-2021	11	:41	COC Seals Intact:	_Yes No <u>&lt;</u> NA		
1		. [	7					•		Field Blank Included:			
						7				UPS FedEX			
						Pa	ayment:	_ Invoice	Cash	VISA, M/C Check #	Amount		
											Effective	10/5/2020	

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

CORPORATION								
Section A	Section B		Section C		Section D			
Required Client Information	Required Project Information	1	Invoice Information		Rush Status (Subject to Scheduling)			
Company agle laint School Dist	Project Name Caple Point	Ligh School	Attention:		Standard: 10 Business Days			
Address: 203 N. Platt	Project Number:	•	Company Name:		Priority: 5 Business Days (List × 1.50)			
Eggle Point of 97524	Report To:		Address:		Express: 3 Busine	ess Days (List × 1.75)		
Email: Lacdina, C. Eaglepht. K12. or. 4	Copy To:	<u> </u>			Rush: 2 Business Days (List × 2.00)			
Phone 541 830-6376 Fax:			P.O. #		Rush: 1 Business	Day (List × 2.50)		
Collected By (Print): John A. Salliero					Rush: Same Day	(List × 3.00)		
Collected By (Sign)			Analysis Requested		Authorize	ed Yes No		
Email Report Fax Report	÷		* - 6 - 6					
Section E		2			NRC Workorder#			
Sample Information		Containers			(Lab Use Only)	21041635		
	Date Time	Cont			Remarks /	NDO 0		
Sample ID Comp/Grab	Matrix* Collected Collected	j. o			Field Data	NRC Sample # (Lab Use Only)		
062 812 ( balls	4/30/2 7:30	Š.			error TUS T	* 21 .		
Office Stalk both Until bath I	1/30/a . An				N.20. 5051	A 17		
Kitchen zink I					7.50 2007	31		
Kritchen Sint 5						14		
Kitcher ginlo 6						15		
Main gym girls Bub.Rl I Main gym Boxs & How Rm 3 Stadium Concays #Z	(					16		
Main symbops show RM 3						41		
Stadium Concers #2	4/70/21 7:30					18		
	AM,							
*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/S	Solid SI - Sludge O - Oil WP - Wipe OT	- Other	E - E - E					
Section F					Section G			
Relinquish/Receive Sign	Print	t	Date	Time	Lab Use Only	""		
Relinquished By:	John A. SA	29//20	V 4/30/21	11:10	Temp: Amb	IR Therm ID:		
Received By:	John Haco	line	4/30/21	11:70	≤6°C:Yes X	lo		
Relinquished By John Hading			9/30/20	11,41	Received on Ice:	es <u>y</u> No		
Received By:				Number of Bottles Received: 1 8				
Relinquished By:					pH Checked:	N.A.		
Received By Laboratory:	Ty orde		4-30-2021	1:41	COC Seals Intact: Y			
	( (			D	Field Blank Included:			
			D		UPS FedEX Ot	_		
			Payment: Invo	oiceVI	SA, M/C Check #	Amount Effective 10/5/2020		



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

Website: www.nrclabs.com

**Data Flags** 

WO#: 21041635 Date: 5/13/2021

- 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.