C^3 Coleman Creek Consulting, Inc.

DRINKING WATER LEAD SAMPLING

OF

TRANSITIONS HOUSE

8633 HWY. 39, KLAMATH FALLS, OREGON

FOR

KLAMATH COUNTY SCHOOL DISTRICT

INTRODUCTION

Coleman Creek Consulting, Inc. (CCC) was retained by Klamath County School District (KCSD) to perform representative lead drinking water sampling of Transitions House at the above address. The purpose of the lead drinking water sampling was to determine the concentration of lead in representative drinking water sources and compare with regulatory standards. In 2017, Education Service Districts were required to adopt a Healthy and Safe Schools Plan, including provisions for testing and reducing exposure to elevated levels of lead in water used for drinking and food preparation.

LEAD DRINKING WATER SAMPLING REQUIREMENTS

Guidelines for sampling lead in water were established by the Oregon Health Authority. Water sampling is to occur after water sits overnight in the pipes without being used, and must be sampled after a day occupied by students or building occupants. All water sources are to be sampled, with the exception of water used for heating, sanitation, irrigation, and science sinks for grades 6 and up with non-potable water signs. Initial testing is required to be performed by 2020, and every 6 years thereafter, according to a testing schedule determined by the Oregon Department of Education.

SAMPLE LOCATION DETERMINATION/SAMPLE PREP

David W. Fawcett of CCC contacted Fred Ginestar, Head Custodian at Falcon Charter School and Transition House, and discussed the objectives of the lead drinking water program. Mr. Ginestar reviewed the School building for water sources and identified by type on a building floor plan. Mr. Fawcett and Mr. Ginestar discussed the drinking water sources by phone, and Mr. Fawcett created a Site Sample Record Sheet describing each drinking water source by type and location. Mr. Fawcett identified each source by number (1-4), and identified each source number on a floor plan diagram of the school building. Mr. Fawcett delivered the following sampling materials to Mr. Ginestar January 15, 2025: Numbered sample containers, Site Sample Record Sheet filled out with Sample Number, Sample Type, and Location. Mr. Ginestar was instructed in proper sampling technique, including sampling prior to water system use by other school occupants, fill sample container immediately from faucet opening, and recording time of water sampling on the Site Sample Record Sheet (page 3).

DRINKING WATER SAMPLING

Mr. Ginestar collected lead drinking water samples from the drinking water sources identified in Transitions House January 16, 2025. See Site Sample Record Sheet (page 3) for a description of the drinking water sources sampled. See Drinking Water Sample Location Diagram in Appendix A for a visual review of all drinking water sample locations. The drinking water samples were collected in the early morning, ensuring that the sample source had not been in use since the previous day. The samples were placed in a cooler. Mr. Fawcett picked up the samples collected by Mr. Ginestar January 16, 2025, and transported to Neilson Research Corporation in Medford, Oregon.

DRINKING WATER LEAD RESULTS AND TESTING SUMMARY SHEETS

The four (4) drinking water samples collected were analyzed for lead using EPA Method 200.8. See Neilson Research Corporation Analytical Report in Appendix B. Drinking Water Testing Summary Sheet (page 4) indicate the lead in drinking water concentrations for the four (4) samples collected from Transitions House were reported with <0.5 parts per billion (ppb), with the exception of Sample #1, bath at storage room sink faucet reported with 74.9 ppb lead.

CONCLUSIONS

Four (4) drinking water samples were collected from drinking water sources at Tansitions House prior to use that day by building occupants, and after a day the facility was occupied. The lead concentrations reported were all below the 15 ppb lead action level in water, with the exception of Sample #1 bath at storage room sink faucet report with 74.9 ppb lead. The sink faucet with elevated lead concentrations has been removed from service and the faucet will be replaced and re-tested.

RECOMMENDATIONS

Coleman Creek Consulting, Inc. recommends re-testing the replaced sink after faucet replacement, and continuing the lead drinking water sampling schedule in the future. Coleman Creek Consulting, Inc. appreciates the opportunity to continue to perform environmental sampling and consulting services to Klamath County School District.

David W. Fawcett
Director of Consulting Services

Coleman Creek Consulting, Inc.

DRINKING WATER SITE SAMPLE RECORD SHEET

BUILDING: Transitions House
ADDRESS: 8633 Hwy. 39
Klamath Falls, Oregon

DATE: 01-16-25
SAMPLER: Fred Ginestar

SAMPLE #	SAMPLE TYPE	LOCATION	TIME
24-168G.1	DW	Bath at Storage Room Sink Faucet	0630
24-168G.2	DW	Kitchen Sink Faucet	0633
24-168G.3	DW	Bath at Laundry Sink Faucet	0636
24-168G.4	DW	Laundry Sink Faucet	0641

Comments: DW = Drinking Water RR = Restroom R = Right L = Left RM = Right Middle
LM = Left Middle M = Middle

Coleman Creek Consulting, Inc.

DRINKING WATER TESTING SUMMARY SHEET

DISTRICT NAME: Klamath County School District
DISTRICT ID#: 467
SCHOOL NAME: Klamath County Transition Program
BUILDING NAME: Transitions House
BUILDING ID#: 20572400

Sample Number	Fixture Location/ Description	Fixture ID#	Test Date	Test Result (ppb)	# Retest	Final Result (ppb)
25-168G.1	Bath at Storage Room Sink	20572400-001BF	01-16-25	**74.9**	**Replace**	**Faucet**
25-168G.2	Kitchen Sink	20572400-002KF	01-16-25	<0.5		<0.5
25-168G.3	Bath at Laundry Sink	20572400-003BF	01-16-25	<0.5		<0.5
25-168G.4	Laundry Sink	20572400-025SF	01-16-25	<0.5		<0.5

Fixture ID Coding: **Bold Indicates Test Result >15 ppb**

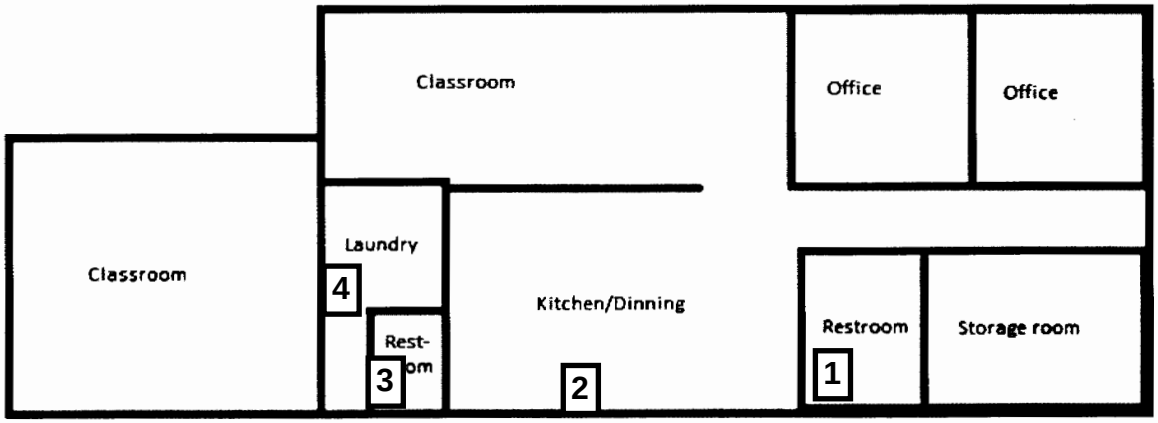
DW = Drinking Water Fountain WC = Water Cooler WB = Water Bottle Filler
CF = Classroom Faucet BF = Bathroom Faucet SF = Staff/Office Faucet
KF = Kitchen/Food Prep OS = Outside Spigot OT = Other (Specify)

APPENDIX A

DRINKING WATER SAMPLE LOCATION DIAGRAM

DRINKING WATER SAMPLE LOCATION DIAGRAM

Transitions House - 8633 Hwy. 39, Klamath Falls



LEGEND:

2 = Drinking Water Sample Location

APPENDIX B

NEILSON RESEARCH CORPORATION
ANALYTICAL REPORT

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

January 28, 2025

Dave Fawcett
Coleman Creek Consulting
810 Leonard St
Ashland, OR 97520
TEL: (541) 535-7108
FAX (541) 535-8795

RE: 24-168G Transitions Order No.: 25010672

Dear Dave Fawcett:

Neilson Research Corporation received 4 sample(s) on 1/16/2025 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

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

Case Narrative

WO#: **25010672**
Date: **1/28/2025**

CLIENT: Coleman Creek Consulting
Project: 24-168G Transitions

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

NEILSON RESEARCH CORPORATION

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#: **25010672**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010672
Received Date: 1/16/2025 3:05:00 PM
Reported Date: 1/28/2025 11:51:40 AM

Sample Information:

Lab ID: **25010672-01** Client Sample ID: 24-168G.1
Collection Date: 1/16/2025 6:30:00 AM Collected By: Fred Ginestar
Matrix: Drinking Water Sample Location: RR at Storage Rm Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; CJS

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	74.9	*	0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010672-02** Client Sample ID: 24-168G.2
Collection Date: 1/16/2025 6:33:00 AM Collected By: Fred Ginestar
Matrix: Drinking Water Sample Location: Kitchen Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; CJS

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/17/2025	15.0	A

Lab ID: **25010672-03** Client Sample ID: 24-168G.3
Collection Date: 1/16/2025 6:36:00 AM Collected By: Fred Ginestar
Matrix: Drinking Water Sample Location: RR at Laundry Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; CJS

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.699		0.500	ppb	1	1/17/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum 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 comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

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

Original

Results are out of the EPA limits

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Neilson Research Corporation
245 S Grape St
Medford, OR 97501
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Website: www.nrclabs.com

Analytical Report

WO#: **25010672**
Date Reported: **1/28/2025**

Coleman Creek Consulting
810 Leonard St
Ashland , OR 97520

Lab Order: 25010672
Received Date: 1/16/2025 3:05:00 PM
Reported Date: 1/28/2025 11:51:40 AM

Sample Information:

Lab ID:	**25010672-04**	Client Sample ID:	24-168G.4
Collection Date:	1/16/2025 6:41:00 AM	Collected By:	Fred Ginestar
Matrix:	Drinking Water	Sample Location:	Laundry Sink

Trace Metals by EPA 200.8 ICP-MS — Analyst; CJS

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	ND		0.500	ppb	1	1/17/2025	15.0	A

QUALIFIERS

*	Value exceeds Maximum or Minimum 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 comtrol limits due to Matrix Interference
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PRE	Percent RE exceeds the Limit	R	RPD outside accepted recovery limits

NELAP

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

Original

Results are out of the EPA limits

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245 S Grape St
Medford, OR 97501
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Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: **25010672**

28-Jan-25

Client: Coleman Creek Consulting
Project: 24-168G Transitions

TestCode: **LEAD_DW**

Sample ID:	**MB-29925**	SampType:	**MBLK**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**PBW**	Batch ID:	**29925**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/17/2025**	SeqNo:	**918535**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.500									

Sample ID:	**LCS-29925**	SampType:	**LCS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**LCSW**	Batch ID:	**29925**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/17/2025**	SeqNo:	**918536**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	101	0.500	100	0	101	85	115				

Sample ID:	**25010663-21AMS**	SampType:	**MS**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**BatchQC**	Batch ID:	**29925**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/17/2025**	SeqNo:	**918538**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	98.6	0.500	100	0.682	97.9	70	130				

Sample ID:	**25010663-21AMSD**	SampType:	**MSD**	TestCode:	**LEAD_DW**	Units:	**ppb**	Prep Date:	**1/17/2025**	RunNo:	**55589**
Client ID:	**BatchQC**	Batch ID:	**29925**	TestNo:	**E200.8**		**E200.8**	Analysis Date:	**1/17/2025**	SeqNo:	**918539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	98.8	0.500	100	0.682	98.1	70	130	98.6	0.273	20	

Qualifiers:

*	Value exceeds Maximum or Minimum 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 comtrol limits due to Matrix Interference	ND	Not Detected at the Reporting Limit	PL	Permit Limit
RL	Reporting Detection Limit				

Original

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

Sample Log-In Check List

Client Name: **ColemanCreek** Work Order Number: **25010672** RcptNo: **1**

Logged by:	**Ashley Spiegelberg**	**1/16/2025 3:05:00 PM**
Completed By:	**Tamra Schmedemann**	**1/28/2025 11:47:26 AM**
Reviewed By:	**Tamra Schmedemann**	**1/28/2025 11:47:30 AM**

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 ☑ NA ☐
   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 ☐ No VOA Vials ☑
12. Were any sample containers received broken? Yes ☐ No ☑
13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
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? (If no, notify customer for authorization.) Yes ☑ No ☐

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 ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

NEILSON RESEARCH CORPORATION

Chain of Custody Record

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

Section A
Required Client Information

Company:	Coleman Creek Consulting
Address:	810 Leonard St
	Ashland, OR 97520
Email:	fawbro@ccountry.net
Phone:	Fax:
Collected By (Print):	Fred Binestar
Collected By (Sign):	
Email Report ___ Mail Report ___ Fax Report ___	

Section B
Required Project Information

Project Name:	Transitions
Project Number:	24-168G
Report To:	Dave Fawcett
Copy To:	

Section C
Invoice Information

Attention:	
Company Name:	
Address:	
P.O. #	

Section D
Rush Status (Subject to Scheduling)

- X Standard: 10 Business Days
- ___ Priority: 5 Business Days (List × 1.50)
- ___ Express: 3 Business Days (List × 1.75)
- ___ Rush: 2 Business Days (List × 2.00)
- ___ Rush: 1 Business Day (List × 2.50)
- ___ Rush: Same Day (List × 3.00)

Authorized ___ Yes ___ No

Section E
Sample Information

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers		Total Pb								Remarks / Field Data	NRC Sample # (Lab Use Only)
24-168G. 1-4	Grab	DW	1-16-25	See Below	4		X									01-04

Analysis Requested

NRC Workorder # (Lab Use Only) 25010672

*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:		David Fawcett	1-16-25	1508
Received By:				
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory:		Ashley Spiegelberg	1/16/25	15:05

Sample times on attached Sample Record sheet

Section G
Lab Use Only

Temp: Amb	IR Therm ID: NA
≤6°C: ___ Yes ___ No	
Received on Ice: ___ Yes ___ No	
Number of Bottles Received:	
pH Checked:	
COC Seals Intact: ___ Yes ___ No (NA)	
Field Blank Included: ___ Yes (No)	
Received Via ___ UPS ___ FedEX ___ Other (Hand)	
Payment: (Invoice) ___Cash ___VISA, M/C ___ Check # _____ Amount _____	

Effective 10/5/2020

Coleman Creek Consulting, Inc.

DEC#: 250106 72

DRINKING WATER SITE SAMPLE RECORD SHEET

BUILDING: Transitions House
ADDRESS: 8633 Hwy. 39
Klamath Falls, Oregon

DATE: 01-16-25
SAMPLER: Fred Ginestar

	SAMPLE #	SAMPLE TYPE	LOCATION	TIME
01	24-168G.1	DW	Bath at Storage Room Sink Faucet	6:30
02	24-168G.2	DW	Kitchen Sink Faucet	6:33
03	24-168G.3	DW	Bath at Laundry Sink Faucet	6:36
04	24-168G.4	DW	Laundry Sink Faucet	6:41

Comments: DW = Drinking Water RR = Restroom R = Right L = Left RM = Right Middle
LM = Left Middle M = Middle

NEILSON RESEARCH CORPORATION

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#: **25010672**
Date: **1/28/2025**

A Total Alkalinity and Bicarbonate Alkalinity results are to a pH endpoint of 4.5. Carbonate Alkalinity result is to a pH endpoint of 8.3.
A-LL The total low level alkalinity results are to a pH endpoint of 4.3-4.7 pH units per SM 2320 B.
B Analyte detected in the associated method blank.
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.
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.
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.
Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS), and/or matrix spikes 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 The numerical difference between the parent sample and the duplicate (DUP) is outside of the accepted recovery limits. Greater than 5 degrees for Flashpoint, or greater than 0.1 pH units for pH.
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 The Relative percent difference (RPD) is not within control limits because the concentration of the sample result is too low to represent proper statistical error.
R5 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30% because the results are too low to represent proper statistical error. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series. The sample results are not affected.
R6 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30%. This may indicate a possible matrix interference. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series.
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 Maximum Contaminant Level or is outside the acceptable range.<<>>
1 Value exceeds one half of the Maximum Contaminant Level.