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LEAD & COPPER RULE REPORT

Client Name: Corbett School District
35800 E. Historic Columbia River Hwy
Corbett, OR 97019

Reference Number: 21-14451

Project: School Lead - Middle School

System Name:
System ID Number:
DWP Source Number:
Multiple Sources:
Sample Type:
Sample Purpose: Investigative or Other
County:

Analyst: bsp
Date Received: 4/26/2021
Report Date: 4/30/2021
Approved By: bj
Authorized by:

Thanh B Phan
Thanh B Phan
Lab Manager, Portland

Lab Number	Date Collected	Site / Location	EPA #	Analyte Name	Result	Units	AL	RL	METHOD	Lab	Comments
21_27758	4/22/2021	21860103-001BF21A - Dist. Office Left Staff Bathroom	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_27759	4/22/2021	21860103-002BF21A - Dist. Office Right Staff Bathroom	1030	LEAD	5.98	ppb	15	1	200.8	4072	
21_27760	4/22/2021	21860103-003OT21A - Mop Basin in Boys Room	1030	LEAD	10.8	ppb	15	1	200.8	4072	
21_27761	4/22/2021	21860103-004BF21A - Boys Room Sink nearest to entry	1030	LEAD	5.41	ppb	15	1	200.8	4072	
21_27762	4/22/2021	21860103-005BF21A - Boys Room Sink 2nd nearest to entry	1030	LEAD	13.6	ppb	15	1	200.8	4072	
21_27763	4/22/2021	21860103-006BF21A - Boys Room Sink 3rd nearest to entry	1030	LEAD	18.4	ppb	15	1	200.8	4072	
21_27764	4/22/2021	21860103-008BF21A - Girls Room Sink nearest to entry	1030	LEAD	1.20	ppb	15	1	200.8	4072	
21_27765	4/22/2021	21860103-009BF21A - Girls Room Sink 2nd nearest to entry	1030	LEAD	2.57	ppb	15	1	200.8	4072	
21_27766	4/22/2021	21860103-010BF21A - Girls Room Sink 3rd nearest to entry	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_27767	4/22/2021	21860103-012CF21A - Copy Room Sink	1030	LEAD	32.1	ppb	15	1	200.8	4072	
21_27768	4/22/2021	21860103-013CF21A - Classroom 6 Sink	1030	LEAD	44.0	ppb	15	1	200.8	4072	
21_27769	4/22/2021	21860103-014BF21A - MS/HS Office Bathroom Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_27770	4/22/2021	21860103-015SF21A - Special Services Room off Commons Sink	1030	LEAD	2.74	ppb	15	1	200.8	4072	
21_27771	4/22/2021	21860103-016CF21A - Peter Leone's Classroom, Left Sink	1030	LEAD	23.0	ppb	15	1	200.8	4072	

NOTES:

RL (Reporting Level): indicates the minimum reporting level.

AL: Federal Action Levels are 0.015 mg/L (15 ppb) for Lead and 1.3 mg/L (1300 ppb) for Copper under the Lead and Copper Rule for public water systems. A blank MCL value indicates a level is not currently established.

ND (Not Detected): Indicates that the compound was not detected above the Reporting Level (RL).

These test results meet all the requirements of NELAP, unless otherwise stated in writing, and relate only to these samples. If you have any questions concerning this report contact Thanh B Phan at the above phone number.

LEAD & COPPER RULE REPORT

[illegible]

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SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **21-14451**

Report Date: 04/30/21

Batch	Analyte	Result	True Value	Units	Method	% Recovery	QC Limits*	QC Qualifier Type	Comment
Calibration Check									
200.8_210429A2	0 LEAD	0.00099	0.001	mg/L	200.8	99	80-120	CAL	
Laboratory Fortified Blank									
200.8_210429A2	0 LEAD	0.01	0.01	mg/L	200.8	100	85-115	LFB	
Laboratory Reagent Blank									
200.8_210429A2	0 LEAD	ND		mg/L	200.8		0-0	LRB	
Method Blank									
200.8_210429A2	0 LEAD	ND		mg/L	200.8		0-0	MB	
Quality Control Sample									
200.8_210429A2	0 LEAD	0.0388	0.04	mg/L	200.8	97	90-110	QCS	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

Limits are intended for water matrices only. These criteria are for guidance only when reported with soils/solids.

FORM: QCIndependent4.rpt



Reference Number: 21-14451
Report Date: 4/30/2021

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SAMPLE DEPENDENT QUALITY CONTROL REPORT Duplicate, Matrix Spike/Matrix Spike Duplicate and Confirmation Result Report

Duplicate

Batch	Sample Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Type	Comments
200.8_210429A2									
7439-92-1	27645 LEAD	ND	ND	mg/L	NA	0-20		DUP	
7439-92-1	27767 LEAD	32.1	32.0	ppb	0.3	0-20		DUP	
7439-92-1	27777 LEAD	ND	ND	ppb	NA	0-20		DUP	
7439-92-1	27831 LEAD	0.0046	0.0046	mg/L	0.0	0-20		DUP	
7439-92-1	27855 LEAD	ND	ND	mg/L	NA	0-20		DUP	
7439-92-1	28099 LEAD	ND	ND	mg/L	NA	0-20		DUP	
7439-92-1	28112 LEAD	0.0021	0.0020	mg/L	4.9	0-20		DUP	

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Limits are intended for water matrices only. These criteria are for guidance only when reported with soils/solids.

FIELD QC (Nondependent)

Laboratory Fortified Matrix (MS)

Batch/CAS	Sample Analyte	Result	Spike Result	Duplicate Spike Result	Conc	Units	Percent Recovery		Limits*	%RPD	Limits*	QC		
							MS	MSD				Qualifier	Type	Comments
200.8_210429A2														
7439-92-1	27645 LEAD	ND	0.0092		0.010	mg/L	92		70-130	NA	0-20		LFM	
7439-92-1	27767 LEAD	32.1	40.7		10.0	ppb	86		70-130	NA	0-20		LFM	
7439-92-1	27777 LEAD	ND	9.74		10.0	ppb	97		70-130	NA	0-20		LFM	
7439-92-1	27831 LEAD	0.0046	0.0140		0.010	mg/L	94		70-130	NA	0-20		LFM	
7439-92-1	27855 LEAD	ND	0.0092		0.010	mg/L	92		70-130	NA	0-20		LFM	
7439-92-1	28099 LEAD	ND	0.0092		0.010	mg/L	92		70-130	NA	0-20		LFM	
7439-92-1	28112 LEAD	0.0021	0.0111		0.010	mg/L	90		70-130	NA	0-20		LFM	

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of an analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

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FORM QC dependent.m

Qualifier Definitions

Reference Number: 21-14451
Report Date: 04/30/21

Qualifier	Definition
IS	The ratio of the spike concentration to sample background was too low to meet performance criteria

Note: Some qualifier definitions found on this page may pertain to results or QC data which are not printed with this report.