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LEAD & COPPER RULE REPORT

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

Reference Number: **21-16678**

Project: School Lead - Grade School

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

Analyst: bsp
Date Received: 5/10/2021
Report Date: 5/25/2021
Approved By: bj
Authorized by:


Thanh B Phan
Lab Manager, Portland

Lab Number	Date Collected	Site / Location	EPA #	Analyte Name	Result	Units	AL	RL	METHOD	Lab	Comments
21_31934	5/6/2021	21860100-001BF21A - GS Gym Coaches Sink	1030	LEAD	1.2	ppb	15	1	200.8	4072	
21_31935	5/6/2021	21860100-002SH21A - GS Gym Shower	1030	LEAD	2.0	ppb	15	1	200.8	4072	
21_31936	5/6/2021	21860100-003DW21A - GS Gym Hallway Drinking Fountain	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31937	5/6/2021	21860100-004WB21A - GS Gym Hallway Bottle Filler Fountain	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31938	5/6/2021	21860100-005BF21A - GS Gym Boys Room Sink	1030	LEAD	4.0	ppb	15	1	200.8	4072	
21_31939	5/6/2021	21860100-006BF21A - GS Gym Girls Room Sink	1030	LEAD	1.7	ppb	15	1	200.8	4072	
21_31940	5/6/2021	21860100-007BF21A - East End Boys Room Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31941	5/6/2021	21860100-008BF21A - East End Girls Room Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31942	5/6/2021	21860100-009DW21A - GS Room 16 Drinking Fountain	1030	LEAD	94.6	ppb	15	1	200.8	4072	
21_31943	5/6/2021	21860100-010CF21A - GS Room 16 Sink	1030	LEAD	1.1	ppb	15	1	200.8	4072	
21_31944	5/6/2021	21860100-011DW21A - GS Room 15 Drinking Fountain	1030	LEAD	6.1	ppb	15	1	200.8	4072	
21_31945	5/6/2021	21860100-012CF21A - GS Room 15 Sink	1030	LEAD	1.4	ppb	15	1	200.8	4072	
21_31946	5/6/2021	21860100-013DW21A - GS Room 14 Drinking Fountain	1030	LEAD	5.1	ppb	15	1	200.8	4072	
21_31947	5/6/2021	21860100-014CF21A - GS Room 14 Sink	1030	LEAD	1.4	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

Lab Number	Date Collected	Site / Location	EPA #	Analyte Name	Result	Units	AL	RL	METHOD	Lab	Comments
21_31948	5/6/2021	21860100-015DW21A - GS Room 13 Drinking Fountain	1030	LEAD	26.6	ppb	15	1	200.8	4072	
21_31949	5/6/2021	21860100-016CF21A - GS Room 13 Sink	1030	LEAD	4.5	ppb	15	1	200.8	4072	
21_31950	5/6/2021	21860100-017DW21A - GS Room 12 Drinking Fountain	1030	LEAD	3.1	ppb	15	1	200.8	4072	
21_31951	5/6/2021	21860100-018CF21A - GS Room 12 Sink	1030	LEAD	1.3	ppb	15	1	200.8	4072	
21_31952	5/6/2021	21860100-019DW21A - GS Room 11 Drinking Fountain	1030	LEAD	14.4	ppb	15	1	200.8	4072	
21_31953	5/6/2021	21860100-020CF21A - GS Room 11 Sink	1030	LEAD	7.0	ppb	15	1	200.8	4072	
21_31954	5/6/2021	21860100-021DW21A - GS Room 10 Drinking Fountain	1030	LEAD	17.0	ppb	15	1	200.8	4072	
21_31955	5/6/2021	21860100-022CF21A - GS Room 10 Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31956	5/6/2021	21860100-023DW21A - GS Room 9 Drinking Fountain	1030	LEAD	123	ppb	15	1	200.8	4072	
21_31957	5/6/2021	21860100-024CF21A - GS Room 9 Sink	1030	LEAD	1.0	ppb	15	1	200.8	4072	
21_31958	5/6/2021	21860100-025NS21A - GS Nurses Office Sink	1030	LEAD	1.0	ppb	15	1	200.8	4072	
21_31959	5/6/2021	21860100-026BF21A - GS Office Rest Room Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31960	5/6/2021	21860100-027SH21A - GS Office Rest Room Shower	1030	LEAD	176	ppb	15	1	200.8	4072	
21_31961	5/6/2021	21860100-028SF21A - GS Staff Room Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31962	5/6/2021	21860100-029BF21A - GS Staff Rest Room Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31963	5/6/2021	21860100-030DW21A - GS Paper Room Drinking Fountain	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31964	5/6/2021	21860100-031SF21A - GS Paper Room Sink	1030	LEAD	2.9	ppb	15	1	200.8	4072	
21_31965	5/6/2021	21860100-032DW21A - GS Room 8 Drinking Fountain	1030	LEAD	66.9	ppb	15	1	200.8	4072	
21_31966	5/6/2021	21860100-033CF21A - GS Room 8 Sink	1030	LEAD	1.0	ppb	15	1	200.8	4072	
21_31967	5/6/2021	21860100-034DW21A - GS Room 7 Drinking Fountain	1030	LEAD	36.7	ppb	15	1	200.8	4072	
21_31968	5/6/2021	21860100-035CF21A - GS Room 7 Sink	1030	LEAD	1.3	ppb	15	1	200.8	4072	

NOTES:

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LEAD & COPPER RULE REPORT

Lab Number	Date Collected	Site / Location	EPA #	Analyte Name	Result	Units	AL	RL	METHOD	Lab	Comments
21_31969	5/6/2021	21860100-036DW21A - GS Room 6 Drinking Fountain	1030	LEAD	1.4	ppb	15	1	200.8	4072	
21_31970	5/6/2021	21860100-037CF21A - GS Room 6 Sink	1030	LEAD	1.5	ppb	15	1	200.8	4072	
21_31971	5/6/2021	21860100-038DW21A - GS Room 5 Drinking Fountain	1030	LEAD	25.6	ppb	15	1	200.8	4072	
21_31972	5/6/2021	21860100-039CF21A - GS Room 5 Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31973	5/6/2021	21860100-040DW21A - GS Room 4 Drinking Fountain	1030	LEAD	3.4	ppb	15	1	200.8	4072	
21_31974	5/6/2021	21860100-041CF21A - GS Room 4 Sink	1030	LEAD	1.2	ppb	15	1	200.8	4072	
21_31975	5/6/2021	21860100-042DW21A - GS Room 3 Drinking Fountain	1030	LEAD	16.5	ppb	15	1	200.8	4072	
21_31976	5/6/2021	21860100-043CF21A - GS Room 3 Sink	1030	LEAD	4.9	ppb	15	1	200.8	4072	
21_31977	5/6/2021	21860100-044DW21A - GS Room 2 Drinking Fountain	1030	LEAD	3.2	ppb	15	1	200.8	4072	
21_31978	5/6/2021	21860100-045CF21A - GS Room 2 Sink	1030	LEAD	1.0	ppb	15	1	200.8	4072	
21_31979	5/6/2021	21860100-046DW21A - GS Room 1 Drinking Fountain	1030	LEAD	16.2	ppb	15	1	200.8	4072	
21_31980	5/6/2021	21860100-047CF21A - GS Room 1 Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31981	5/6/2021	21860100-048DW21A - GS West End Hallway Drinking Fountain	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31982	5/6/2021	21860100-049WB21A - GS West End Hallway Bottle Filler Fountain	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31983	5/6/2021	21860100-050BF21A - GS West End Boys Room Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	
21_31984	5/6/2021	21860100-051BF21A - GS West End Girls Room Sink	1030	LEAD	ND	ppb	15	1	200.8	4072	

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SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **21-16678**

Report Date: 05/25/21

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Calibration Check										
200.8_210513A	0 LEAD	0.00103	0.001	mg/L	200.8	103	80-120	CAL		
200.8_210524A	0 LEAD	0.00096	0.001	mg/L	200.8	96	80-120	CAL		
Laboratory Fortified Blank										
200.8_210513A	0 LEAD	0.0106	0.01	mg/L	200.8	106	85-115	LFB		
200.8_210524A	0 LEAD	0.0101	0.01	mg/L	200.8	101	85-115	LFB		
Laboratory Reagent Blank										
200.8_210513A	0 LEAD	ND		mg/L	200.8		0-0	LRB		
200.8_210524A	0 LEAD	ND		mg/L	200.8		0-0	LRB		
Method Blank										
200.8_210513A	0 LEAD	ND		mg/L	200.8		0-0	MB		
200.8_210524A	0 LEAD	ND		mg/L	200.8		0-0	MB		
Quality Control Sample										
200.8_210513A	0 LEAD	0.0421	0.04	mg/L	200.8	105	90-110	QCS		
200.8_210524A	0 LEAD	0.0408	0.04	mg/L	200.8	102	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: 21-16678
Report Date: 5/25/2021

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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_210513A										
7439-92-1	31876	LEAD	5.5	5.4	ppb	1.6	0-20		DUP	
7439-92-1	31938	LEAD	4.0	4.0	ppb	0.0	0-20		DUP	
7439-92-1	31948	LEAD	26.6	26.8	ppb	0.7	0-20		DUP	
7439-92-1	31958	LEAD	1	1	ppb	0.0	0-20		DUP	
7439-92-1	31968	LEAD	1.3	1.3	ppb	0.0	0-20		DUP	
7439-92-1	31978	LEAD	1.0	1.0	ppb	0.0	0-20		DUP	
200.8_210524A										
7439-92-1	32217	LEAD	0.0021	0.0021	mg/L	0.0	0-20		DUP	
7439-92-1	32442	LEAD	0.0016	0.0016	mg/L	0.0	0-20		DUP	
7439-92-1	32545	LEAD	0.000027	0.000011	mg/L	40.0	0-20	IEV	DUP	
7439-92-1	32821	LEAD	ND	ND	mg/L	NA	0-20		DUP	
7439-92-1	34920	LEAD	ND	ND	mg/L	NA	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 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.

Only Duplicate sample with deletions are listed in this report

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

FORM: QC Dependent.rpt

Laboratory Fortified Matrix (MS)

Batch/CAS	Sample	Analyte	Duplicate			Percent Recovery				QC				
			Result	Spike Result	Spike	Result	Conc	Units	MSD		Qualifier	Type	Comments	
									MS	MSD				
200.8_210513A														
7439-92-1	31876	LEAD	5.5	15.9		10.0	ppb	104		70-130	NA	0-20		LFM
7439-92-1	31938	LEAD	4.0	14.6		10.0	ppb	106		70-130	NA	0-20		LFM
7439-92-1	31948	LEAD	26.6	36.7		10.0	ppb	101		70-130	NA	0-20		LFM
7439-92-1	31958	LEAD	1	11.5		10.0	ppb	105		70-130	NA	0-20		LFM
7439-92-1	31968	LEAD	1.3	11.9		10.0	ppb	106		70-130	NA	0-20		LFM
7439-92-1	31978	LEAD	1.0	11.5		10.0	ppb	105		70-130	NA	0-20		LFM
200.8_210524A														
7439-92-1	32217	LEAD	0.0021	0.0115		0.010	mg/L	94		70-130	NA	0-20		LFM
7439-92-1	32442	LEAD	0.0016	0.0111		0.010	mg/L	95		70-130	NA	0-20		LFM
7439-92-1	32821	LEAD	ND	0.0095		0.010	mg/L	95		70-130	NA	0-20		LFM
7439-92-1	34920	LEAD	ND	0.0086		0.010	mg/L	96		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.

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.

FORM: QC Dependent.rpt

Qualifier Definitions

Reference Number: 21-16678
Report Date: 05/25/21

Qualifier	Definition
IEV	Acceptance criteria do not apply to estimated values

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