



June 12, 2023

Brent Perrin
Reynolds School District
1204 NE 201st Avenue
Fairview, Oregon 97024

Via email: BPerrin@rsd7.net

Regarding: Drinking Water Sampling Report
 Davis Elementary School
 19501 NE Davis Street
 Portland, OR
 PBS Project 23514.186

Mr. Perrin:

In May 2023, PBS Engineering and Environmental Inc. (PBS) performed drinking water sampling and analysis for lead at Davis Elementary School in Portland, Oregon. The testing was requested by Reynolds School District (the District) to meet requirements from the Oregon Department of Education (ODE) and Oregon Health Authority (OHA) to conduct testing for lead in school drinking water systems.

Background and Sampling Procedure

Oregon Administrative Rule (OAR) 333-061-0400 *Reducing Lead In School Drinking Water* requires school districts to conduct initial testing for lead from each qualifying tap.

The sampling methodology followed the protocol described in Section 4 of the EPA document *3Ts for Reducing Lead in Drinking Water in Schools and Childcare Facilities, October 2018* and guidelines established by Oregon Health Authority and Oregon Department of Education. Following these guidelines, PBS assigned identification numbers and collected first draw samples from each test location. First draw samples consist of the first 250 milliliters (mL) of water drawn from a fixture during an early morning after school was in session the previous day, and before the fixture has been used again in the morning. The 3Ts' sampling protocol is designed to maximize the likelihood that the highest concentrations of lead in water used for consumption are identified.

PBS tested all taps in the building(s) eligible for testing according to OAR 333-061-0400, which requires testing of all taps except the following: shower heads, pipes used for building heating, dedicated eyewash stations and emergency showers, fixtures in areas with no student access used solely for sanitation by staff, fixtures used exclusively for irrigation, and fixtures in science and technical education classrooms (grades 6-12) where the fixtures have signage indicating they are not a drinking water source and are not intended for use in food preparation.

PBS assigned sample numbers to fixtures according to the ODE naming convention and using the ODE district and building codes provided by the District to PBS. When multiple samples were collected in the same area, PBS assigned numbers and sampled in a clockwise fashion starting on the left.

The District has previously completed some testing, but did not test all fixtures that are now required to be tested by ODE and did not use the sample naming convention now used by ODE, as ODE rules have changed since 2016.

Results

First draw samples were collected from 69 fixtures and delivered under chain of custody to Apex Laboratories in Tigard, Oregon, for lead analysis using EPA Method 200.8 ICPMS. An additional 2 fixtures were inventoried but could not be sampled. Samples above the action level of 15 ppb are shown in bold. The following table lists the results of the analysis.

Table 1: Davis Elementary School - Sample Results

Fixture Number	Sample Number	Location / Room No.	Fixture Type	Results (ppb)
001	21820600-001KF23A	Kitchen, west	Kitchen faucet	ND
002	21820600-002KF23A	Kitchen, NE	Kitchen faucet	0.230
003	21820600-003SF23A	Kitchen, staff restroom	Staff faucet	2.00
004	21820600-004WB23A	Cafeteria	Water bottle fill	ND
007	21820600-007BF23A	Restroom at counselor's office	Bathroom faucet	2.12
008	21820600-008SF23A	Health/Nurse	Staff faucet	24.5
009	21820600-009CF23A	Room 1	Classroom faucet	1.84
010	21820600-010DW23A	Room 1	Drinking fountain	1.62
011	21820600-011CF23A	Room 3	Classroom faucet	3.40
012	21820600-012DW23A	Room 3	Drinking fountain	2.49
013	21820600-013CF23A	Room 5	Classroom faucet	2.71
014	21820600-014DW23A	Room 5	Drinking fountain	2.72
015	21820600-015CF23A	Room 7	Classroom faucet	7.33
016	21820600-016DW23A	Room 7	Drinking fountain	2.65
017	21820600-017CF23A	Room 9	Classroom faucet	0.988
018	21820600-018DW23A	Room 9	Drinking fountain	1.43
019	21820600-019CF23A	Room 8	Classroom faucet	2.55
020	21820600-020DW23A	Room 8	Drinking fountain	2.80
021	21820600-021CF23A	Room 6	Classroom faucet	0.503
022	21820600-022DW23A	Room 6	Drinking fountain	3.21
023	21820600-023CF23A	Room 4	Classroom faucet	2.08
024	21820600-024DW23A	Room 4	Drinking fountain	3.57
025	21820600-025CF23A	Room 2	Classroom faucet	1.26
026	21820600-026DW23A	Room 2	Drinking fountain	2.79
027	21820600-027BF23A	SE Hall, west girl's restroom	Bathroom faucet	0.688
028	21820600-028WB23A	SE hall, west	Water bottle fill	ND
029	21820600-029DW23A	SE hall, west	Drinking fountain	ND
030	21820600-030BF23A	SE hall, west, boy's restroom	Bathroom faucet	0.279
031	21820600-031BF23A	Media Center	Bathroom faucet	5.51
032	21820600-032CF23A	Title 1 Room	Classroom faucet	31.9
033	21820600-033DW23A	Title 1 Room	Drinking fountain	13.3

Fixture Number	Sample Number	Location / Room No.	Fixture Type	Results (ppb)
034	21820600-034SF23A	North hall faculty restroom	Staff faucet	1.44
035	21820600-035SF23A	North hall faculty restroom	Staff faucet	0.662
036	21820600-036WB23A	Counselor's office	Water bottle fill	ND
037	21820600-037SF23A	Counselor's office	Staff faucet	2.36
038	21820600-038CF23A	Room 16	Classroom faucet	1.39
039	21820600-039DW23A	Room 16	Drinking fountain	2.43
040	21820600-040CF23A	Room 18	Classroom faucet	1.31
041	21820600-041DW23A	Room 18	Drinking fountain	1.50
042	21820600-042CF23A	Room 20	Classroom faucet	1.37
043	21820600-043DW23A	Room 20	Drinking fountain	2.24
044	21820600-044CF23A	Room 22	Classroom faucet	0.712
045	21820600-045DW23A	Room 22	Drinking fountain	1.75
046	21820600-046SF23A	Teachers Lounge	Staff faucet	1.26
047	21820600-047WB23A	Teachers Lounge	Water bottle fill	ND
048	21820600-048CF23A	Room 23	Classroom faucet	4.72
049	21820600-049DW23A	Room 23	Drinking fountain	3.14
050	21820600-050BF23A	North hall, east girl's restroom	Bathroom faucet	0.849
051	21820600-051WB23A	North hall, east	Water bottle fill	ND
052	21820600-052DW23A	North hall, east	Drinking fountain	ND
053	21820600-053BF23A	North hall, east boy's restroom	Bathroom faucet	0.719
054	21820600-054CF23A	Room 21	Classroom faucet	4.80
055	21820600-055DW23A	Room 21	Drinking fountain	1.71
056	21820600-056CF23A	Room 19	Classroom faucet	3.09
057	21820600-057DW23A	Room 19	Drinking fountain	2.51
058	21820600-058CF23A	Room 17	Classroom faucet	2.30
059	21820600-059DW23A	Room 17	Drinking fountain	2.75
060	21820600-060CF23A	Room 15	Classroom faucet	0.934
061	21820600-061CF23A	Room 15	Classroom faucet	1.57
062	21820600-062CF23A	Music Room	Classroom faucet	7.87
063	21820600-063DW23A	Music Room	Drinking fountain	1.75
064	21820600-064BF23A	North hall, west boy's restroom	Bathroom faucet	0.253
065	21820600-065WB23A	North hall, west	Water bottle fill	ND
066	21820600-066DW23A	North hall, west	Drinking fountain	ND
067	21820600-067BF23A	North hall, west girl's restroom	Bathroom faucet	1.46
068	21820600-068WB23A	North hall, west at gym	Water bottle fill	ND
069	21820600-069DW23A	North hall, west at gym	Drinking fountain	ND
070	21820600-070BF23A	Special ed north classroom restroom	Bathroom faucet	0.641
071	21820600-071BF23A	Special ed south classroom restroom	Bathroom faucet	0.340

ND = no lead detected

The following is a list of fixtures that could not be sampled by PBS, as they were either shut off or inaccessible. PBS assigned them a number in sequence so they can be sampled later if they are brought back online.

Table 2: Davis Elementary School – Fixtures Not Sampled

Fixture Number	Sample Number	Location / Room No.	Fixture Type
005	21820600-005DW	Cafeteria	Drinking fountain
006	21820600-006DW	Cafeteria	Drinking fountain

Elevated concentrations of lead were found in two fixtures in the building. Access to these fixtures should be restricted in accordance with Oregon and EPA guidelines. PBS recommends taking corrective action per recommendations in EPA's 3Ts Module 6. Given that the majority of fixtures in the building tested below 15.0, it is unlikely that there is a building-wide source of lead in drinking water beyond the fixtures themselves. However, EPA protocol recommends follow-up flush sampling at all locations where first-draw samples contain lead concentrations greater than 15 parts per billion (ppb). PBS also recommends either remediating the fixtures or installing a local filter, then flushing them and retesting in accordance with ODE guidelines. PBS is available to assist with further investigation and corrective actions upon request.

Please refer to the attached sample location field drawing and laboratory analytical report for additional details. The laboratory analytical results are reported in micrograms per liter ($\mu\text{g/L}$), a unit of measure that is equivalent to ppb.

Reimbursement

The District may be eligible for reimbursement from the State of Oregon for the cost of laboratory analytical testing and shipping, but not consultant fees. This is done by completing out the ODE's reimbursement template spreadsheet for each facility and submitting the information to ODE. PBS is available to assist with filing for reimbursement upon request, but it is not currently in our scope of work.

Ongoing Testing

According to OAR 333-061-0400, school districts are required to complete on-going testing at least once every six years, starting from July 1, 2020. Taps are exempt from ongoing testing if the tap was installed after January 4, 2014 and meets the lead-free standard of no more than 0.25 percent lead by weight and the piping feeding the tap is a material other than copper or was installed after January 4, 2014 and the solder and flux meets the leadfree standard of no more than 0.2 percent lead; and was tested during initial testing and results were less than 1 ppb lead. The District should investigate whether any taps at this facility meet the requirements to suspend ongoing testing. The District should consult with ODE to determine when they should complete ongoing testing.

Drinking Water Sampling Report
Davis Elementary School
June 12, 2023
Page 5 of 5

Please feel free to contact me at 503.515.7489 or james.mastanduno@pbsusa.com with any questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read 'JM', with a stylized flourish at the end.

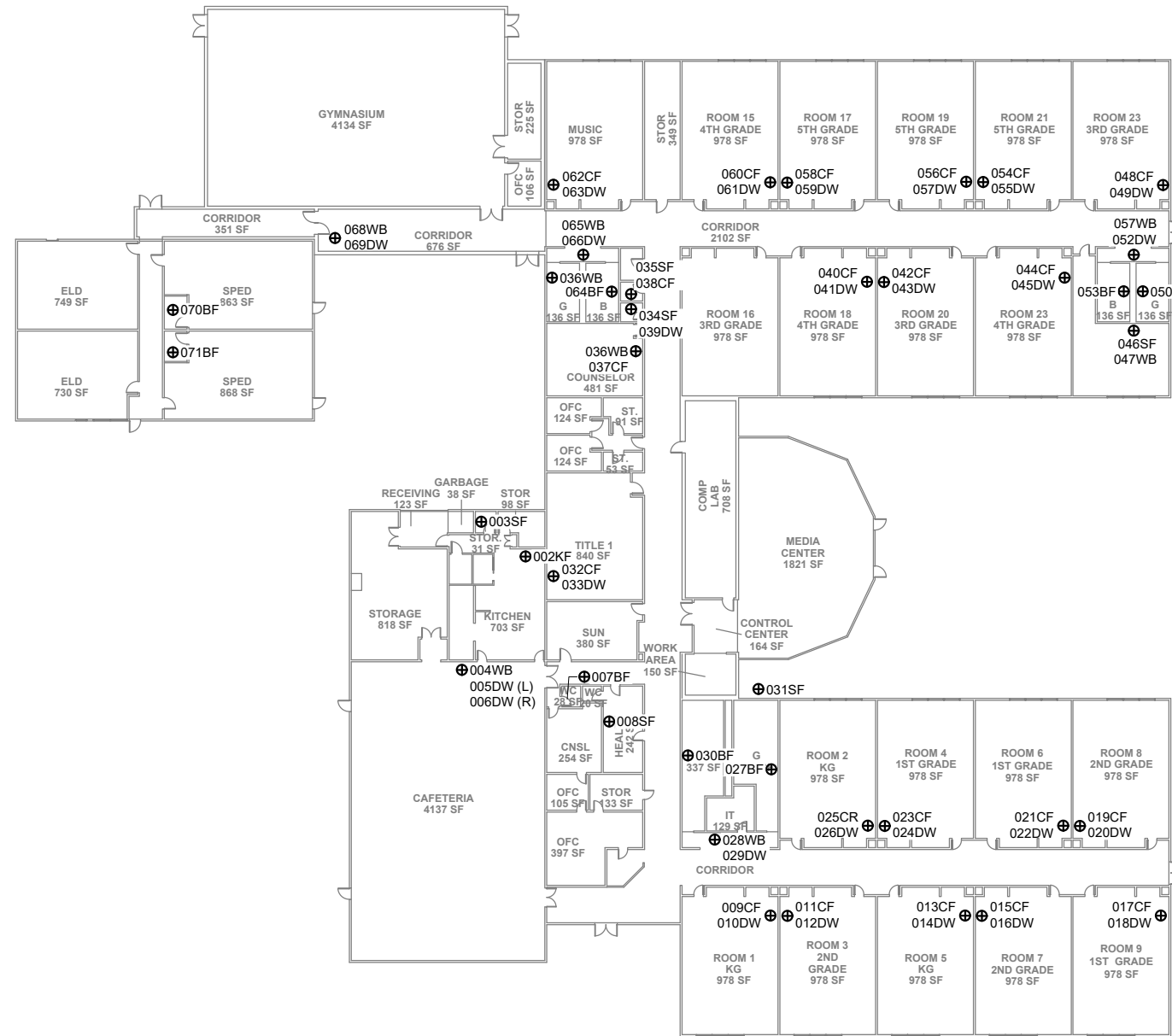
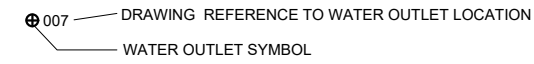
James Mastanduno
Project Manager

Attachments: Fixture Location Map
Laboratory Analytical Report

GENERAL NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS INTENDED TO SHOW OUTLET NUMBERS AND LOCATIONS RELATED TO DRINKING WATER SAMPLING.
2. IN SPACES WITH MULTIPLE OUTLETS, OUTLETS ARE NUMBERED CLOCKWISE FROM MAIN ENTRANCE UNLESS OTHERWISE SHOWN.

WATER OUTLET SYMBOLS



FIRST FLOOR

Filename: L:\Projects\23000\23500\23514\Reynolds\DW1.dwg User: Jim Blanco Layout Tab: 1X17 CAD Plot Date/Time: 5/22/2023 1:43:03 PM



SCALE: 1" = 20'
0 10' 20' 40'

FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.

PREPARED FOR: REYNOLDS SCHOOL DISTRICT

PBS Engineering and
Architecture
4412 SW Canyon Blvd.
Portland, OR 97239
503.248.1039
pbsua.com



WATER SAMPLE LOCATION Y PLAN
DAVIS ELEMENTARY SCHOOL
19501 NE DAVIS STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APPD

DRAWN BY: JAB
CHECKED: JH
DATE: MAY 2023
PROJECT NUMBER: 23514.186 0001 002
SHEET DRAWING NO:
DW1
SHEET 1 OF 1



ANALYTICAL REPORT

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Wednesday, June 7, 2023
James Mastanduno
PBS Engineering and Environmental
4412 S Corbett Ave
Portland, OR 97239

RE: A3E1789 - Reynolds School District - Davis ES/23514.186

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A3E1789, which was received by the laboratory on 5/23/2023 at 9:55:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: jwoodcock@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Default Cooler 21.7 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.



Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jason Woodcock, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Davis ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1789 - 06 07 23 1546
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820600-001KF23A	A3E1789-01	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-002KF23A	A3E1789-02	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-003SF23A	A3E1789-03	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-004WB23A	A3E1789-04	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-007BF23A	A3E1789-05	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-008SF23A	A3E1789-06	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-009CF23A	A3E1789-07	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-010DW23A	A3E1789-08	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-011CF23A	A3E1789-09	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-012DW23A	A3E1789-10	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-013CF23A	A3E1789-11	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-014DW23A	A3E1789-12	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-015CF23A	A3E1789-13	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-016DW23A	A3E1789-14	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-017CF23A	A3E1789-15	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-018DW23A	A3E1789-16	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-019CF23A	A3E1789-17	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-020DW23A	A3E1789-18	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-021CF23A	A3E1789-19	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-022DW23A	A3E1789-20	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-023CF23A	A3E1789-21	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-024DW23A	A3E1789-22	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-025CF23A	A3E1789-23	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-026DW23A	A3E1789-24	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-027BF23A	A3E1789-25	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-028WB23A	A3E1789-26	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-029DW23A	A3E1789-27	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-030BF23A	A3E1789-28	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-031BF23A	A3E1789-29	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-032CF23A	A3E1789-30	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-033DW23A	A3E1789-31	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-034SF23A	A3E1789-32	Drinking Water	05/18/23 00:00	05/23/23 09:55

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PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Davis ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1789 - 06 07 23 1546
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820600-035SF23A	A3E1789-33	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-036WB23A	A3E1789-34	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-037SF23A	A3E1789-35	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-038CF23A	A3E1789-36	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-039DW23A	A3E1789-37	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-040CF23A	A3E1789-38	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-041DW23A	A3E1789-39	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-042CF23A	A3E1789-40	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-043DW23A	A3E1789-41	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-044CF23A	A3E1789-42	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-045DW23A	A3E1789-43	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-046SF23A	A3E1789-44	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-047WB23A	A3E1789-45	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-048CF23A	A3E1789-46	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-049DW23A	A3E1789-47	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-050BF23A	A3E1789-48	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-051WB23A	A3E1789-49	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-052DW23A	A3E1789-50	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-053BF23A	A3E1789-51	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-054CF23A	A3E1789-52	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-055DW23A	A3E1789-53	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-056CF23A	A3E1789-54	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-057DW23A	A3E1789-55	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-058CF23A	A3E1789-56	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-059DW23A	A3E1789-57	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-060CF23A	A3E1789-58	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-061CF23A	A3E1789-59	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-062CF23A	A3E1789-60	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-063DW23A	A3E1789-61	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-064BF23A	A3E1789-62	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-065WB23A	A3E1789-63	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-066DW23A	A3E1789-64	Drinking Water	05/18/23 00:00	05/23/23 09:55

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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

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21820600-067BF23A	A3E1789-65	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-068WB23A	A3E1789-66	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-069DW23A	A3E1789-67	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-070BF23A	A3E1789-68	Drinking Water	05/18/23 00:00	05/23/23 09:55
21820600-071BF23A	A3E1789-69	Drinking Water	05/18/23 00:00	05/23/23 09:55

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Davis ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1789 - 06 07 23 1546
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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-001KF23A (A3E1789-01)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 17:43	EPA 200.8	
21820600-002KF23A (A3E1789-02)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	0.230	---	0.200	ug/L	1	06/05/23 17:48	EPA 200.8	
21820600-003SF23A (A3E1789-03)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	2.00	---	0.200	ug/L	1	06/05/23 17:49	EPA 200.8	
21820600-004WB23A (A3E1789-04)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 17:51	EPA 200.8	
21820600-007BF23A (A3E1789-05RE1)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	2.12	---	0.200	ug/L	1	06/06/23 14:02	EPA 200.8	
21820600-008SF23A (A3E1789-06RE1)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	24.5	---	0.200	ug/L	1	06/06/23 14:03	EPA 200.8	
21820600-009CF23A (A3E1789-07RE1)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	1.84	---	0.200	ug/L	1	06/06/23 14:05	EPA 200.8	
21820600-010DW23A (A3E1789-08RE1)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	1.62	---	0.200	ug/L	1	06/06/23 14:08	EPA 200.8	
21820600-011CF23A (A3E1789-09RE1)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	3.40	---	0.200	ug/L	1	06/06/23 14:09	EPA 200.8	
21820600-012DW23A (A3E1789-10RE1)				Matrix: Drinking Water				

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ANALYTICAL REPORT

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PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Davis ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1789 - 06 07 23 1546
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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-012DW23A (A3E1789-10RE1)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	2.49	---	0.200	ug/L	1	06/06/23 14:11	EPA 200.8	
21820600-013CF23A (A3E1789-11RE1)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	2.71	---	0.200	ug/L	1	06/06/23 14:12	EPA 200.8	
21820600-014DW23A (A3E1789-12RE1)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	2.72	---	0.200	ug/L	1	06/06/23 14:15	EPA 200.8	
21820600-015CF23A (A3E1789-13RE1)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	7.33	---	0.200	ug/L	1	06/06/23 14:16	EPA 200.8	
21820600-016DW23A (A3E1789-14RE1)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	2.65	---	0.200	ug/L	1	06/06/23 14:20	EPA 200.8	
21820600-017CF23A (A3E1789-15)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	0.988	---	0.200	ug/L	1	06/05/23 18:14	EPA 200.8	
21820600-018DW23A (A3E1789-16)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	1.43	---	0.200	ug/L	1	06/05/23 18:16	EPA 200.8	
21820600-019CF23A (A3E1789-17)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	2.55	---	0.200	ug/L	1	06/05/23 18:17	EPA 200.8	
21820600-020DW23A (A3E1789-18)				Matrix: Drinking Water				
Batch: 23F0124								
Lead	2.80	---	0.200	ug/L	1	06/05/23 18:19	EPA 200.8	
21820600-021CF23A (A3E1789-19)				Matrix: Drinking Water				

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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-021CF23A (A3E1789-19)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	0.503	---	0.200	ug/L	1	06/05/23 18:20	EPA 200.8	
21820600-022DW23A (A3E1789-20)				Matrix: Drinking Water				
<u>Batch: 23F0124</u>								
Lead	3.21	---	0.200	ug/L	1	06/05/23 18:22	EPA 200.8	
21820600-023CF23A (A3E1789-21)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	2.08	---	0.200	ug/L	1	06/05/23 18:28	EPA 200.8	
21820600-024DW23A (A3E1789-22)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	3.57	---	0.200	ug/L	1	06/05/23 19:15	EPA 200.8	
21820600-025CF23A (A3E1789-23)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	1.26	---	0.200	ug/L	1	06/05/23 19:17	EPA 200.8	
21820600-026DW23A (A3E1789-24)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	2.79	---	0.200	ug/L	1	06/05/23 19:18	EPA 200.8	
21820600-027BF23A (A3E1789-25)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	0.688	---	0.200	ug/L	1	06/05/23 19:20	EPA 200.8	
21820600-028WB23A (A3E1789-26)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 19:21	EPA 200.8	
21820600-029DW23A (A3E1789-27)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 19:23	EPA 200.8	
21820600-030BF23A (A3E1789-28)				Matrix: Drinking Water				

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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-030BF23A (A3E1789-28)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	0.279	---	0.200	ug/L	1	06/05/23 19:24	EPA 200.8	
21820600-031BF23A (A3E1789-29)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	5.51	---	0.200	ug/L	1	06/05/23 19:25	EPA 200.8	
21820600-032CF23A (A3E1789-30)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	31.9	---	0.200	ug/L	1	06/05/23 19:30	EPA 200.8	
21820600-033DW23A (A3E1789-31)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	13.3	---	0.200	ug/L	1	06/05/23 19:31	EPA 200.8	
21820600-034SF23A (A3E1789-32)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	1.44	---	0.200	ug/L	1	06/05/23 19:32	EPA 200.8	
21820600-035SF23A (A3E1789-33)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	0.662	---	0.200	ug/L	1	06/05/23 19:34	EPA 200.8	
21820600-036WB23A (A3E1789-34)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 19:35	EPA 200.8	
21820600-037SF23A (A3E1789-35)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	2.36	---	0.200	ug/L	1	06/05/23 19:37	EPA 200.8	
21820600-038CF23A (A3E1789-36)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	1.39	---	0.200	ug/L	1	06/05/23 19:38	EPA 200.8	
21820600-039DW23A (A3E1789-37)				Matrix: Drinking Water				

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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-039DW23A (A3E1789-37)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	2.43	---	0.200	ug/L	1	06/05/23 19:40	EPA 200.8	
21820600-040CF23A (A3E1789-38)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	1.31	---	0.200	ug/L	1	06/05/23 19:41	EPA 200.8	
21820600-041DW23A (A3E1789-39)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	1.50	---	0.200	ug/L	1	06/05/23 19:43	EPA 200.8	
21820600-042CF23A (A3E1789-40)				Matrix: Drinking Water				
<u>Batch: 23F0135</u>								
Lead	1.37	---	0.200	ug/L	1	06/05/23 19:47	EPA 200.8	
21820600-043DW23A (A3E1789-41)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	2.24	---	0.200	ug/L	1	06/05/23 19:53	EPA 200.8	
21820600-044CF23A (A3E1789-42)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	0.712	---	0.200	ug/L	1	06/05/23 19:57	EPA 200.8	
21820600-045DW23A (A3E1789-43)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	1.75	---	0.200	ug/L	1	06/05/23 19:58	EPA 200.8	
21820600-046SF23A (A3E1789-44)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	1.26	---	0.200	ug/L	1	06/05/23 20:00	EPA 200.8	
21820600-047WB23A (A3E1789-45)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 20:06	EPA 200.8	
21820600-048CF23A (A3E1789-46)				Matrix: Drinking Water				

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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-048CF23A (A3E1789-46)				Matrix: Drinking Water				
Batch: 23F0187								
Lead	4.72	---	0.222	ug/L	1	06/07/23 04:49	EPA 200.8	DW-D
21820600-049DW23A (A3E1789-47)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	3.14	---	0.200	ug/L	1	06/05/23 20:07	EPA 200.8	
21820600-050BF23A (A3E1789-48)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	0.849	---	0.200	ug/L	1	06/05/23 20:08	EPA 200.8	
21820600-051WB23A (A3E1789-49)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	ND	---	0.200	ug/L	1	06/05/23 20:10	EPA 200.8	
21820600-052DW23A (A3E1789-50)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	ND	---	0.200	ug/L	1	06/05/23 20:11	EPA 200.8	
21820600-053BF23A (A3E1789-51)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	0.719	---	0.200	ug/L	1	06/05/23 20:13	EPA 200.8	
21820600-054CF23A (A3E1789-52)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	4.80	---	0.200	ug/L	1	06/05/23 20:14	EPA 200.8	
21820600-055DW23A (A3E1789-53)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	1.71	---	0.200	ug/L	1	06/05/23 20:16	EPA 200.8	
21820600-056CF23A (A3E1789-54)				Matrix: Drinking Water				
Batch: 23F0136								
Lead	3.09	---	0.200	ug/L	1	06/05/23 20:17	EPA 200.8	
21820600-057DW23A (A3E1789-55)				Matrix: Drinking Water				

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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-057DW23A (A3E1789-55)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	2.51	---	0.200	ug/L	1	06/05/23 20:19	EPA 200.8	
21820600-058CF23A (A3E1789-56)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	2.30	---	0.200	ug/L	1	06/05/23 20:23	EPA 200.8	
21820600-059DW23A (A3E1789-57)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	2.75	---	0.200	ug/L	1	06/05/23 20:24	EPA 200.8	
21820600-060CF23A (A3E1789-58)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	0.934	---	0.200	ug/L	1	06/05/23 20:26	EPA 200.8	
21820600-061CF23A (A3E1789-59)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	1.57	---	0.200	ug/L	1	06/05/23 20:27	EPA 200.8	
21820600-062CF23A (A3E1789-60)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	7.87	---	0.200	ug/L	1	06/05/23 20:29	EPA 200.8	
21820600-063DW23A (A3E1789-61)				Matrix: Drinking Water				
<u>Batch: 23F0136</u>								
Lead	1.75	---	0.200	ug/L	1	06/05/23 20:30	EPA 200.8	
21820600-064BF23A (A3E1789-62)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	0.253	---	0.200	ug/L	1	06/06/23 14:25	EPA 200.8	
21820600-065WB23A (A3E1789-63)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	ND	---	0.200	ug/L	1	06/06/23 14:29	EPA 200.8	
21820600-066DW23A (A3E1789-64)				Matrix: Drinking Water				

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ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
21820600-066DW23A (A3E1789-64)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	ND	---	0.200	ug/L	1	06/06/23 14:30	EPA 200.8	
21820600-067BF23A (A3E1789-65)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	1.46	---	0.200	ug/L	1	06/06/23 14:32	EPA 200.8	
21820600-068WB23A (A3E1789-66)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	ND	---	0.200	ug/L	1	06/06/23 14:33	EPA 200.8	
21820600-069DW23A (A3E1789-67)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	ND	---	0.200	ug/L	1	06/06/23 14:38	EPA 200.8	
21820600-070BF23A (A3E1789-68)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	0.641	---	0.200	ug/L	1	06/06/23 14:39	EPA 200.8	
21820600-071BF23A (A3E1789-69)				Matrix: Drinking Water				
<u>Batch: 23F0151</u>								
Lead	0.340	---	0.200	ug/L	1	06/06/23 14:40	EPA 200.8	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23F0124 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0124-BLK1)		Prepared: 06/05/23 11:45 Analyzed: 06/05/23 17:40										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0124-BS1)		Prepared: 06/05/23 11:45 Analyzed: 06/05/23 17:42										
<u>EPA 200.8</u>												
Lead	15.2	---	0.201	ug/L	1	15.0	---	101	85 - 115%	---	---	---
Duplicate (23F0124-DUP1)		Prepared: 06/05/23 11:45 Analyzed: 06/05/23 17:45										
<u>QC Source Sample: 21820600-001KF23A (A3E1789-01)</u>												
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	0.129	---	---	***	20%	---
Matrix Spike (23F0124-MS1)		Prepared: 06/05/23 11:45 Analyzed: 06/05/23 17:46										
<u>QC Source Sample: 21820600-001KF23A (A3E1789-01)</u>												
<u>EPA 200.8</u>												
Lead	14.6	---	0.201	ug/L	1	15.0	0.129	97	70 - 130%	---	---	---
Matrix Spike (23F0124-MS2)		Prepared: 06/05/23 11:45 Analyzed: 06/05/23 18:23										
<u>QC Source Sample: 21820600-022DW23A (A3E1789-20)</u>												
<u>EPA 200.8</u>												
Lead	19.4	---	0.201	ug/L	1	15.0	3.21	108	70 - 130%	---	---	---
Batch 23F0135 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0135-BLK1)		Prepared: 06/05/23 14:23 Analyzed: 06/05/23 18:25										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0135-BS1)		Prepared: 06/05/23 14:23 Analyzed: 06/05/23 18:26										
<u>EPA 200.8</u>												
Lead	15.6	---	0.201	ug/L	1	15.0	---	104	85 - 115%	---	---	---
Duplicate (23F0135-DUP3)		Prepared: 06/05/23 14:23 Analyzed: 06/05/23 19:12										
<u>QC Source Sample: 21820600-023CF23A (A3E1789-21)</u>												

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC % REC	% REC Limits	RPD RPD	RPD Limit	Notes
Batch 23F0135 - EPA 200.8 Direct Analysis						Drinking Water						
Duplicate (23F0135-DUP3)		Prepared: 06/05/23 14:23 Analyzed: 06/05/23 19:12										
<u>QC Source Sample: 21820600-023CF23A (A3E1789-21)</u>												
<u>EPA 200.8</u>												
Lead	1.97	---	0.200	ug/L	1	---	2.08	---	---	5	20%	Q-16
Matrix Spike (23F0135-MS2)						Prepared: 06/05/23 14:23 Analyzed: 06/05/23 19:48						
<u>QC Source Sample: 21820600-042CF23A (A3E1789-40)</u>												
<u>EPA 200.8</u>												
Lead	15.4	---	0.201	ug/L	1	15.0	1.37	93	70 - 130%	---	---	
Matrix Spike (23F0135-MS3)						Prepared: 06/05/23 14:23 Analyzed: 06/05/23 19:14						
<u>QC Source Sample: 21820600-023CF23A (A3E1789-21)</u>												
<u>EPA 200.8</u>												
Lead	17.0	---	0.201	ug/L	1	15.0	2.08	100	70 - 130%	---	---	Q-16

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Davis ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1789 - 06 07 23 1546
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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23F0136 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0136-BLK1)		Prepared: 06/05/23 15:18 Analyzed: 06/05/23 19:50										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0136-BS1)		Prepared: 06/05/23 15:18 Analyzed: 06/05/23 19:51										
<u>EPA 200.8</u>												
Lead	14.3	---	0.201	ug/L	1	15.0	---	95	85 - 115%	---	---	---
Duplicate (23F0136-DUP1)		Prepared: 06/05/23 15:18 Analyzed: 06/05/23 19:54										
<u>QC Source Sample: 21820600-043DW23A (A3E1789-41)</u>												
<u>EPA 200.8</u>												
Lead	2.20	---	0.200	ug/L	1	---	2.24	---	---	2	20%	---
Matrix Spike (23F0136-MS1)		Prepared: 06/05/23 15:18 Analyzed: 06/05/23 19:55										
<u>QC Source Sample: 21820600-043DW23A (A3E1789-41)</u>												
<u>EPA 200.8</u>												
Lead	16.0	---	0.201	ug/L	1	15.0	2.24	92	70 - 130%	---	---	---
Matrix Spike (23F0136-MS2)		Prepared: 06/05/23 15:18 Analyzed: 06/05/23 20:32										
<u>QC Source Sample: 21820600-063DW23A (A3E1789-61)</u>												
<u>EPA 200.8</u>												
Lead	17.1	---	0.201	ug/L	1	15.0	1.75	103	70 - 130%	---	---	---

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC % REC	% REC Limits	RPD RPD	RPD Limit	Notes
Batch 23F0151 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0151-BLK1)		Prepared: 06/06/23 08:00 Analyzed: 06/06/23 14:22										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0151-BS1)		Prepared: 06/06/23 08:00 Analyzed: 06/06/23 14:23										
<u>EPA 200.8</u>												
Lead	17.1	---	0.201	ug/L	1	15.0	---	114	85 - 115%	---	---	---
Duplicate (23F0151-DUP1)		Prepared: 06/06/23 08:00 Analyzed: 06/06/23 14:26										
<u>QC Source Sample: 21820600-064BF23A (A3E1789-62)</u>												
<u>EPA 200.8</u>												
Lead	0.206	---	0.200	ug/L	1	---	0.253	---	---	20	20%	---
Matrix Spike (23F0151-MS1)		Prepared: 06/06/23 08:00 Analyzed: 06/06/23 14:27										
<u>QC Source Sample: 21820600-064BF23A (A3E1789-62)</u>												
<u>EPA 200.8</u>												
Lead	16.3	---	0.201	ug/L	1	15.0	0.253	107	70 - 130%	---	---	---

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC % REC	% REC Limits	RPD RPD	RPD Limit	Notes
Batch 23F0187 - EPA 3015A						Drinking Water						
Blank (23F0187-BLK1)		Prepared: 06/06/23 12:18 Analyzed: 06/07/23 04:39										
<u>EPA 200.8</u>												
Lead	ND	---	0.222	ug/L	1	---	---	---	---	---	---	---
LCS (23F0187-BS1)		Prepared: 06/06/23 12:18 Analyzed: 06/07/23 04:44										
<u>EPA 200.8</u>												
Lead	17.4	---	0.222	ug/L	1	16.7	---	104	85 - 115%	---	---	---
Duplicate (23F0187-DUP1)		Prepared: 06/06/23 12:18 Analyzed: 06/07/23 04:54										
<u>QC Source Sample: 21820600-048CF23A (A3E1789-46)</u>												
<u>EPA 200.8</u>												
Lead	4.60	---	0.222	ug/L	1	---	4.72	---	---	2	20%	DW-D
Matrix Spike (23F0187-MS1)		Prepared: 06/06/23 12:18 Analyzed: 06/07/23 04:59										
<u>QC Source Sample: 21820600-048CF23A (A3E1789-46)</u>												
<u>EPA 200.8</u>												
Lead	22.1	---	0.222	ug/L	1	16.7	4.72	104	70 - 130%	---	---	DW-D

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SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Prep: EPA 200.8 Direct Analysis

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 23F0124</u>							
A3E1789-01	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-02	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-03	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-04	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-05RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-06RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-07RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-08RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-09RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-10RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-11RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-12RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-13RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-14RE1	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-15	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-16	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-17	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-18	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-19	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
A3E1789-20	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 11:45	10mL/10mL	10mL/10mL	1.00
<u>Batch: 23F0135</u>							
A3E1789-21	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-22	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-23	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-24	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-25	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-26	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-27	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-28	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-29	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-30	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-31	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-32	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-33	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-34	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-35	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00

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Jason Woodcock, Project Manager



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PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Davis ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1789 - 06 07 23 1546
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SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Prep: EPA 200.8 Direct Analysis

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A3E1789-36	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-37	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-38	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-39	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
A3E1789-40	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 14:23	10mL/10mL	10mL/10mL	1.00
Batch: 23F0136							
A3E1789-41	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-42	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-43	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-44	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-45	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-47	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-48	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-49	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-50	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-51	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-52	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-53	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-54	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-55	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-56	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-57	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-58	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-59	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-60	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
A3E1789-61	Drinking Water	EPA 200.8	05/18/23 00:00	06/05/23 15:18	10mL/10mL	10mL/10mL	1.00
Batch: 23F0151							
A3E1789-62	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00
A3E1789-63	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00
A3E1789-64	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00
A3E1789-65	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00
A3E1789-66	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00
A3E1789-67	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00
A3E1789-68	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00
A3E1789-69	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 08:00	10mL/10mL	10mL/10mL	1.00

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Jason Woodcock, Project Manager



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SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Prep: EPA 3015A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 23F0187</u>							
A3E1789-46	Drinking Water	EPA 200.8	05/18/23 00:00	06/06/23 12:18	45mL/50mL	10mL/10mL	1.11

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4412 S Corbett Ave	Project Number: Davis ES/23514.186	A3E1789 - 06 07 23 1546
Portland, OR 97239	Project Manager: James Mastanduno	

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

- DW-D** Turbidity greater than 1 NTU. Sample was digested per EPA Method 200.8.
- Q-16** Reanalysis of an original Batch QC sample.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

- DET Analyte DETECTED at or above the detection or reporting limit.
- ND Analyte NOT DETECTED at or above the detection or reporting limit.
- NR Result Not Reported.
- RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

- Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.
- "dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.
- "wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.
- " " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

- " --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
- " *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Table with 3 columns: Client (PBS Engineering and Environmental), Project (Reynolds School District), and Report ID (A3E1789 - 06 07 23 1546).

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation)
EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Table header with columns: Matrix, Analysis, TNI_ID, Analyte, TNI_ID, Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation. Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

PBS Engineering and Environmental	Project: Reynolds School District	
4412 S Corbett Ave	Project Number: Davis ES/23514.186	Report ID:
Portland, OR 97239	Project Manager: James Mastanduno	A3E1789 - 06 07 23 1546

A3E1789

Lead in Drinking Water Testing Program		Reynolds School District	
Date Collected:	5/14/23	PBS Project:	23514.186
School Name:	Davis Elementary	Building Number:	21B20600
Analysis Requested:	Lead (Pb) in drinking water		
Relinquished By:	Jose Herrera	Date/Time:	5/17/23 - 1600
Received By:	<i>[Signature]</i> APEX LABS	Date/Time:	5/23/23 955
Email Results to:	james.mastanduno@pbsusa.com	Turnaround Time:	10 - Day

Fixture Number	Sample Number	Room/Location
001 KF	21B20600-001KF23A	Kitchen, west sink
002 KF	" " -002KF23A	Kitchen, NE sink
003 SF	" " -003SF23A	Kitchen, staff restroom sink
004 WB	" " -004WB23A	cafeteria, drinking fountain, water fill station
* 005 DW (L)	" " -005DW	cafeteria, drinking fountain, west
* 006 DW (R)	" " -006DW	cafeteria, drinking fountain, east
007 BF	" " -007BF23A	Restroom @ counselor office, sink
008 SF	-008SF23A	Health/Nurse room sink
009 CF	-009CF23A	Rm 1, classroom sink
010 DW	-010DW23A	Rm 1, fountain @ classroom sink
011 CF	-011CF23A	Rm 3, classroom sink
012 DW	-012DW23A	Rm 3, fountain @ classroom sink
013 CF	-013CF23A	Rm 5, classroom sink
014 DW	-014DW23A	Rm 5, fountain @ classroom sink
015 CF	-015CF23A	Rm 7, classroom sink
016 DW	-016DW23A	Rm 7, fountain @ classroom sink
017 CF	-017CF23A	Rm 9, classroom sink
018 DW	-018DW23A	Rm 9, fountain @ classroom sink
019 CF	-019CF23A	Rm 9, classroom sink
020 DW	-020DW23A	Rm 8, fountain @ classroom sink
021 CF	-021CF23A	Rm 6, classroom sink
022 DW	-022DW23A	Rm 6, fountain @ classroom sink
023 CF	-023CF23A	Rm 4, classroom sink
024 DW	-024DW23A	Rm 4, fountain @ classroom sink
025 CF	-025CF23A	Rm 2, classroom sink
026 DW	-026DW23A	Rm 2, fountain @ classroom sink
027 BF	-027BF23A	SE Hall, west, girls RR sink
028 WB	-028WB23A	SE Hall, west, drinking fountain, water fill station
029 DW	-029DW23A	SE Hall, west, drinking fountain
030 BF	-030BF23A	SE Hall, west, Boys RR sink
031 SF	-031SF23A	Media Center/Library sink
032 CF	-032CF23A	Title 1 Rm, sink
033 DW	-033DW23A	Title 1 Rm, fountain @ sink
034 SF	-034SF23A	North hall, Faculty RR sink
035 SF	-035SF23A	North hall, Faculty RR sink
036 WB	-036WB23A	Counselor office, water fill @ sink
037 SF	-037SF23A	Counselor office, sink
038 CF	-038CF23A	Rm 10, classroom sink

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

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 ORELAP ID: OR100062

PBS Engineering and Environmental	Project: Reynolds School District	
4412 S Corbett Ave	Project Number: Davis ES/23514.186	Report ID:
Portland, OR 97239	Project Manager: James Mastanduno	A3E1789 - 06 07 23 1546

A3E 1789

Lead in Drinking Water Testing Program		Reynolds School District	
Date Collected:	5/16/23	PBS Project:	23514.186
School Name:	Davis Elementary	Building Number:	21820600
Analysis Requested:	Lead (Pb) in drinking water		
Relinquished By:		Date/Time:	
Received By:	Jim J. APEX LABS	Date/Time:	5/23/23 9:55
Email Results to:	james.mastanduno@pbsusa.com	Turnaround Time:	10 - Day

Fixture Number	Sample Number	Room/Location
039 DW	21820600-039DW23A	Rm 16, fountain @ classroom sink
040 CF	-040CF23A	Rm 18, classroom sink
041 DW	-041DW23A	Rm 18, fountain @ classroom sink
042 CF	-042CF23A	Rm 20, classroom sink
043 DW	-043DW23A	Rm 20, fountain @ classroom sink
044 CF	-044CF23A	Rm 22, classroom sink
045 DW	-045DW23A	Rm 22, fountain @ classroom sink
046 SF	-046SF23A	Teacher Lounge, sink
047 WB	-047WB23A	Teacher Lounge, water fill @ sink
048 CF	-048CF23A	Rm 23, classroom sink
049 DW	-049DW23A	Rm 23, fountain @ classroom sink
050 BF	-050BF23A	North Hall, east, girls RR sink
051 WF	-051WF23A	North Hall, east, water fill station
052 DW	-052DW23A	North Hall, east, drinking fountain
053 BF	-053BF23A	North Hall, east, boys RR
054 CF	-054CF23A	Rm 21, classroom sink
055 DW	-055DW23A	Rm 21, fountain @ classroom sink
056 CF	-056CF23A	Rm 19, classroom sink
057 DW	-057DW23A	Rm 19, fountain @ classroom sink
058 CF	-058CF23A	Rm 17, classroom sink
059 DW	-059DW23A	Rm 17, fountain @ sink
060 CF	-060CF23A	Rm 15, classroom sink
061 DW	-061DW23A	Rm 15, fountain @ sink
062 CF	-062CF23A	Music Room, classroom sink
063 DW	-063DW23A	Music Room, fountain @ sink
064 BF	-064BF23A	North Hall, west, boys RR sink
065 WB	-065WB23A	North Hall, west, water fill station
066 DW	-066DW23A	North Hall, west, drinking fountain
067 BF	-067BF23A	North Hall, west, girls RR sink
068 WB	-068WB23A	North Hall, west @ gym, water fill station
069 DW	-069DW23A	North Hall, west @ gym, drinking fountain
070 BF	-070BF23A	Special Education, north classroom, RR sink
071 BF	-071BF23A	Special Education, south classroom, RR sink

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Jason Woodcock, Project Manager



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6700 S.W. Sandburg Street
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ORELAP ID: OR100062

PBS Engineering and Environmental
4412 S Corbett Ave
Portland, OR 97239
Project: Reynolds School District
Project Number: Davis ES/23514.186
Project Manager: James Mastanduno
Report ID: A3E1789 - 06 07 23 1546

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A3E1789

Project/Project #: Davis Elementary 23514.186 21820600

Delivery Info:

Date/time received: 5/23/23 @ 955 By: EST

Delivered by: Apex Client ESS FedEx UPS Radio Morgan SDS Evergreen Other

Cooler Inspection Date/time inspected: 5/23/23 @ 1045 By: EST

Chain of Custody included? Yes X No

Signed/dated by client? Yes X No

Table with 7 columns: Cooler #1 to Cooler #7. Rows include Temperature (21.7), Custody seals (N), Received on ice (N), Temp. blanks (N), Ice type (NA), Condition (OUT).

Cooler out of temp? (Y/N) Possible reason why: Drinking Waters

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 5/26/23 @ 17:05 By: JAM

All samples intact? Yes X No Comments:

Bottle labels/COCs agree? Yes No X Comments: samples 21820600-006 DW 23A; 21820600-006 DW 23A was not received.

COC/container discrepancies form initiated? Yes No X

Containers/volumes received appropriate for analysis? Yes X No Comments:

Do VOA vials have visible headspace? Yes No NA X

Comments:

Water samples: pH checked: Yes X No NA pH appropriate? Yes X No NA

Comments:

Additional information:

Labeled by: JAM Witness: JAM Cooler Inspected by: JAM

Form Y-003 R-00

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