



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
Glenfair Elementary School
15300 NE Glisan 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 Glenfair 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 72 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: Glenfair Elementary School - Sample Results

Fixture Number	Sample Number	Location / Room No.	Fixture Type	Results (ppb)
001	21820300-001KF23A	Kitchen, SW corner	Kitchen faucet	2.38
002	21820300-002SF23A	Kitchen, staff restroom	Staff faucet	3.32
003	21820300-003KF23A	Kitchen, north wall	Kitchen faucet	0.569
004	21820300-004WB23A	Cafeteria	Water bottle fill	ND
005	21820300-005DW23A	Cafeteria	Drinking fountain	ND
006	21820300-006BF23A	Room 16 east restroom	Bathroom faucet	11.2
007	21820300-007CF23A	Room 16 workroom	Class faucet	3.95
008	21820300-008DW23A	Room 16 workroom	Drinking fountain	0.935
009	21820300-009BF23A	Room 16 west restroom	Bathroom faucet	3.92
010	21820300-010BF23A	Room 17 west restroom	Bathroom faucet	2.42
011	21820300-011CF23A	Room 17 workroom	Class faucet	9.42
012	21820300-012DW23A	Room 17 workroom	Drinking fountain	2.84
013	21820300-013BF23A	Room 17 east restroom	Bathroom faucet	4.61
014	21820300-014BF23A	Room 19 east restroom	Bathroom faucet	2.27
015	21820300-015CF23A	Room 19 workroom	Class faucet	4.82
016	21820300-016DW23A	Room 19 workroom	Drinking fountain	1.59
017	21820300-017BF23A	Room 19 west restroom	Bathroom faucet	1.59
018	21820300-018BF23A	Room 14 west restroom	Bathroom faucet	1.72
019	21820300-019CF23A	Room 14	Class faucet	2.31
020	21820300-020DW23A	Room 14	Drinking fountain	1.27
021	21820300-021BF23A	Room 14 east restroom	Bathroom faucet	1.02
022	21820300-022CF23A	Library	Class faucet	6.59
023	21820300-023DW23A	Library	Drinking fountain	0.809
024	21820300-024CF23A	Room 20	Class faucet	10.1
025	21820300-025DW23A	Room 20	Drinking fountain	2.12
026	21820300-026WB23A	West hall, north	Water bottle fill	ND
027	21820300-027DW23A	West hall, north	Drinking fountain	ND
028	21820300-028BF23A	Room 12 restroom	Bathroom faucet	1.72
029	21820300-029CF23A	Room 12	Class faucet	2.09
030	21820300-030DW23A	Room 12	Drinking fountain	1.19
031	21820300-031BF23A	Room 12 east restroom	Bathroom faucet	1.40

Fixture Number	Sample Number	Location / Room No.	Fixture Type	Results (ppb)
032	21820300-032BF23A	West hall, west leg boy's restroom	Bathroom faucet	2.41
033	21820300-033BF23A	West hall, west leg boy's restroom	Bathroom faucet	1.68
034	21820300-034SF23A	West hall, west leg faculty restroom	Staff faucet	0.557
035	21820300-035SF23A	West hall, west leg faculty restroom	Staff faucet	1.56
036	21820300-036BF23A	West hall, west leg room 23 restroom	Bathroom faucet	14.6
037	21820300-037WB23A	Gym	Water bottle fill	ND
038	21820300-038DW23A	Gym	Drinking fountain	ND
039	21820300-039SF23A	Room 11	Staff faucet	11.2
040	21820300-040BF23A	East hall boy's restroom	Bathroom faucet	0.394
041	21820300-041BF23A	East hall boy's restroom	Bathroom faucet	ND
042	21820300-042BF23A	East hall boy's restroom	Bathroom faucet	0.383
044	21820300-044BF23A	East hall girl's restroom	Bathroom faucet	ND
045	21820300-045WB23A	East hall, west	Water bottle fill	ND
046	21820300-046DW23A	East hall, west	Drinking fountain	ND
048	21820300-048CF23A	Room 10	Class faucet	2.05
049	21820300-049DW23A	Room 10	Drinking fountain	3.49
050	21820300-050CF23A	Room 9	Class faucet	1.51
051	21820300-051DW23A	Room 9	Drinking fountain	1.35
052	21820300-052CF23A	Room 8	Class faucet	3.74
053	21820300-053DW23A	Room 8	Drinking fountain	2.07
054	21820300-054CF23A	Room 7	Class faucet	8.46
055	21820300-055DW23A	Room 7	Drinking fountain	0.840
056	21820300-056CF23A	East hall basement classroom	Class faucet	0.601
057	21820300-057DW23A	East hall basement classroom	Drinking fountain	0.349
058	21820300-058BF23A	East hall basement classroom restroom	Bathroom faucet	0.899
059	21820300-059BF23A	East hall basement classroom restroom	Bathroom faucet	1.23
060	21820300-060CF23A	East hall basement classroom	Class faucet	0.784
061	21820300-061DW23A	East hall basement classroom	Drinking fountain	0.209
062	21820300-062CF23A	Room 6	Class faucet	6.88
063	21820300-063DW23A	Room 6	Drinking fountain	2.22
064	21820300-064CF23A	Room 5	Class faucet	7.11
065	21820300-065DW23A	Room 5	Drinking fountain	2.42
066	21820300-066CF23A	Room 4	Class faucet	3.67
067	21820300-067DW23A	Room 4	Drinking fountain	0.578
068	21820300-068CF23A	Room 3	Class faucet	6.75
069	21820300-069DW23A	Room 3	Drinking fountain	2.03
070	21820300-070CF23A	Room 2	Class faucet	5.43
071	21820300-071DW23A	Room 2	Drinking fountain	2.52
072	21820300-072SF23A	Teachers lounge	Staff faucet	0.962
073	21820300-073WB23A	Teachers lounge	Water bottle fill	ND
074	21820300-074NS23A	Nurses office restroom	Nurses sink	1.46

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: Glenfair Elementary School – Fixtures Not Sampled

Fixture Number	Sample Number	Location / Room No.	Fixture Type
043	21820300-043BF	East hall girl's restroom	Bathroom faucet
047	21820300-047DW	East hall west drinking fountain	Drinking fountain

Elevated concentrations of lead were not found in any fixture. 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
Glenfair 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 extending to the right.

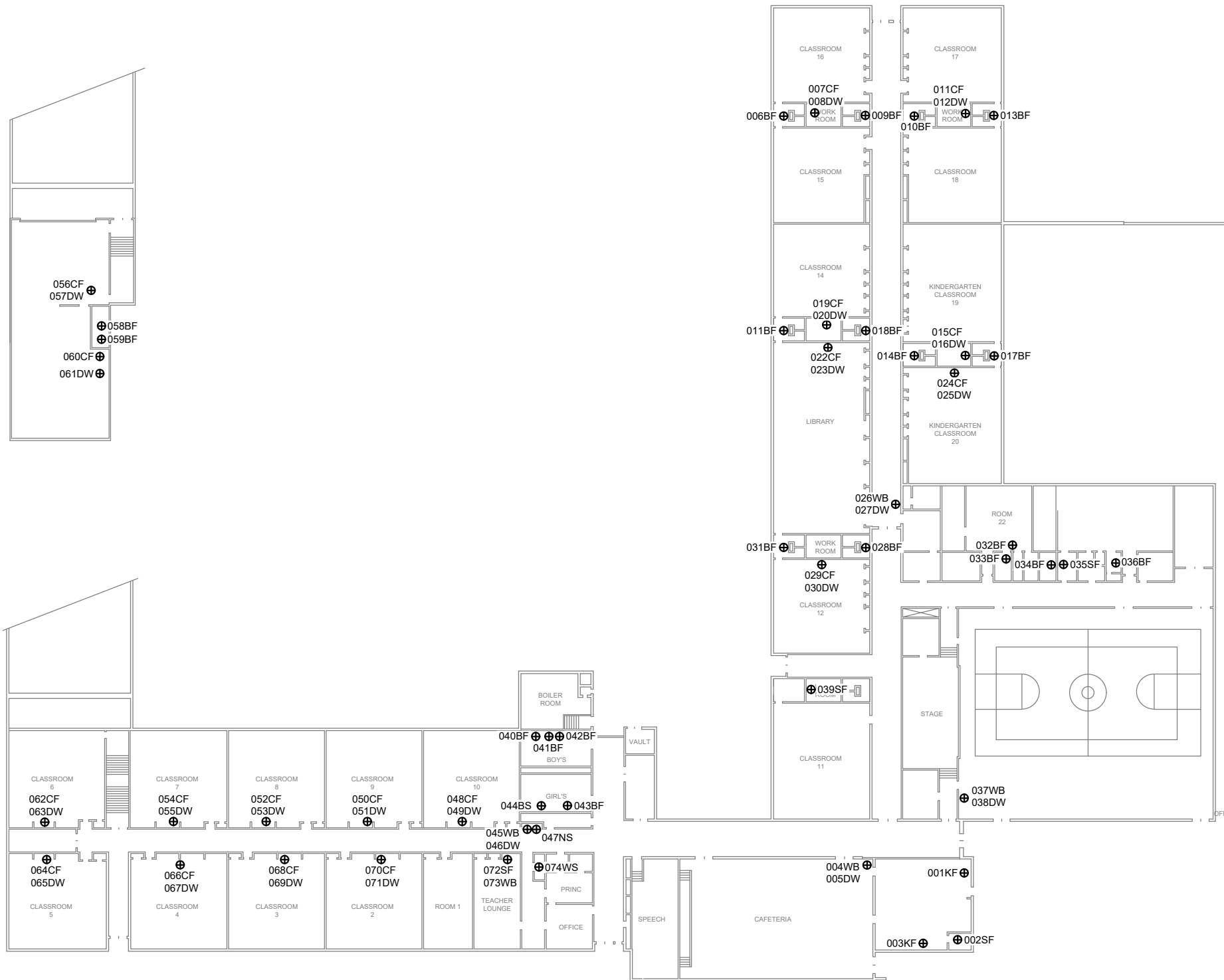
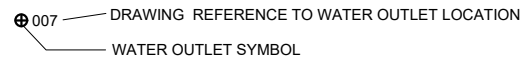
James Mastanduno
Project Manager

Attachments: Fixture Location Map
Laboratory Analytical Report

GENERAL NOTES

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

WATER OUTLET SYMBOLS



FIRST FLOOR



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

WATER FIXTURE LOCATION PLAN
GLENFAIR ELEMENTARY SCHOOL
15300 NE GLISAN STREET, PORTLAND, OREGON

NO	REVISION	DATE	BY	APPD

DRAWN BY: JAB
CHECKED: JH
DATE: MAY 2023
PROJECT NUMBER: 23514.186 0001 003

SHEET DRAWING NO: **DW1**
SHEET 1 OF 1



PBS Engineering and Construction
4412 SW Columbia Avenue
Portland, OR 97239
503.248.1939
pbsca.com

Filename: L:\Projects\23000\23500-23590\23514.186_2023_WaterCAD\003_GLENFAIR\23514.186_0001_003_DWI.dwg Layout Tab: 11X17 User: Jim Blanco CAD Plot Date/Time: 5/23/2023 9:18:30 AM

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.



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: A3E1788 - Reynolds School District - Glenfair 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 A3E1788, 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 21.2 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: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820300-001KF23A	A3E1788-01	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-002SF23A	A3E1788-02	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-003KF23A	A3E1788-03	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-004WB23A	A3E1788-04	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-005DW23A	A3E1788-05	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-006BF23A	A3E1788-06	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-007CF23A	A3E1788-07	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-008DW23A	A3E1788-08	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-009BF23A	A3E1788-09	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-010BF23A	A3E1788-10	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-011CF23A	A3E1788-11	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-012DW23A	A3E1788-12	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-013BF23A	A3E1788-13	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-014BF23A	A3E1788-14	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-015CF23A	A3E1788-15	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-016DW23A	A3E1788-16	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-017BF23A	A3E1788-17	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-018BF23A	A3E1788-18	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-019CF23A	A3E1788-19	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-020DW23A	A3E1788-20	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-021BF23A	A3E1788-21	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-022CF23A	A3E1788-22	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-023DW23A	A3E1788-23	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-024CF23A	A3E1788-24	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-025DW23A	A3E1788-25	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-026WB23A	A3E1788-26	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-027DW23A	A3E1788-27	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-028BF23A	A3E1788-28	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-029CF23A	A3E1788-29	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-030DW23A	A3E1788-30	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-031BF23A	A3E1788-31	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-032BF23A	A3E1788-32	Drinking Water	05/19/23 00:00	05/23/23 09:55

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ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820300-033BF23A	A3E1788-33	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-034SF23A	A3E1788-34	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-035SF23A	A3E1788-35	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-036BF23A	A3E1788-36	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-037WB23A	A3E1788-37	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-038DW23A	A3E1788-38	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-039SF23A	A3E1788-39	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-040BF23A	A3E1788-40	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-041BF23A	A3E1788-41	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-042BF23A	A3E1788-42	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-044BF23A	A3E1788-43	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-045WB23A	A3E1788-44	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-046DW23A	A3E1788-45	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-048CF23A	A3E1788-46	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-049DW23A	A3E1788-47	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-050CF23A	A3E1788-48	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-051DW23A	A3E1788-49	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-052CF23A	A3E1788-50	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-053DW23A	A3E1788-51	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-054CF23A	A3E1788-52	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-055DW23A	A3E1788-53	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-056CF23A	A3E1788-54	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-057DW23A	A3E1788-55	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-058BF23A	A3E1788-56	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-059BF23A	A3E1788-57	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-060CF23A	A3E1788-58	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-061DW23A	A3E1788-59	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-062CF23A	A3E1788-60	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-063DW23A	A3E1788-61	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-064CF23A	A3E1788-62	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-065DW23A	A3E1788-63	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-066CF23A	A3E1788-64	Drinking Water	05/19/23 00:00	05/23/23 09:55

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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820300-067DW23A	A3E1788-65	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-068CF23A	A3E1788-66	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-069DW23A	A3E1788-67	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-070CF23A	A3E1788-68	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-071DW23A	A3E1788-69	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-072SF23A	A3E1788-70	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-073WB23A	A3E1788-71	Drinking Water	05/19/23 00:00	05/23/23 09:55
21820300-074NS23A	A3E1788-72	Drinking Water	05/19/23 00:00	05/23/23 09:55

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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: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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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
21820300-001KF23A (A3E1788-01)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	2.38	---	0.200	ug/L	1	06/05/23 14:15	EPA 200.8	
21820300-002SF23A (A3E1788-02)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	3.32	---	0.200	ug/L	1	06/05/23 14:17	EPA 200.8	
21820300-003KF23A (A3E1788-03)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	0.569	---	0.200	ug/L	1	06/05/23 14:18	EPA 200.8	
21820300-004WB23A (A3E1788-04)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 14:20	EPA 200.8	
21820300-005DW23A (A3E1788-05)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 14:21	EPA 200.8	
21820300-006BF23A (A3E1788-06)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	11.2	---	0.200	ug/L	1	06/05/23 14:23	EPA 200.8	
21820300-007CF23A (A3E1788-07)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	3.95	---	0.200	ug/L	1	06/05/23 14:24	EPA 200.8	
21820300-008DW23A (A3E1788-08)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	0.935	---	0.200	ug/L	1	06/05/23 14:26	EPA 200.8	
21820300-009BF23A (A3E1788-09)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	3.92	---	0.200	ug/L	1	06/05/23 14:27	EPA 200.8	
21820300-010BF23A (A3E1788-10)				Matrix: Drinking Water				

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PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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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
21820300-010BF23A (A3E1788-10)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	2.42	---	0.200	ug/L	1	06/05/23 14:28	EPA 200.8	
21820300-011CF23A (A3E1788-11)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	9.42	---	0.200	ug/L	1	06/05/23 14:33	EPA 200.8	
21820300-012DW23A (A3E1788-12)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	2.84	---	0.200	ug/L	1	06/05/23 14:34	EPA 200.8	
21820300-013BF23A (A3E1788-13)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	4.61	---	0.200	ug/L	1	06/05/23 14:36	EPA 200.8	
21820300-014BF23A (A3E1788-14)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	2.27	---	0.200	ug/L	1	06/05/23 14:37	EPA 200.8	
21820300-015CF23A (A3E1788-15)				Matrix: Drinking Water				
<u>Batch: 23F0015</u>								
Lead	4.82	---	0.200	ug/L	1	06/05/23 14:38	EPA 200.8	
21820300-016DW23A (A3E1788-16)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.59	---	0.200	ug/L	1	06/05/23 14:44	EPA 200.8	
21820300-017BF23A (A3E1788-17)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.59	---	0.200	ug/L	1	06/05/23 14:52	EPA 200.8	
21820300-018BF23A (A3E1788-18)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.72	---	0.200	ug/L	1	06/05/23 14:53	EPA 200.8	
21820300-019CF23A (A3E1788-19)				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
21820300-019CF23A (A3E1788-19)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	2.31	---	0.200	ug/L	1	06/05/23 14:54	EPA 200.8	
21820300-020DW23A (A3E1788-20)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.27	---	0.200	ug/L	1	06/05/23 14:56	EPA 200.8	
21820300-021BF23A (A3E1788-21)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.02	---	0.200	ug/L	1	06/05/23 14:57	EPA 200.8	
21820300-022CF23A (A3E1788-22)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	6.59	---	0.200	ug/L	1	06/05/23 14:59	EPA 200.8	
21820300-023DW23A (A3E1788-23)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	0.809	---	0.200	ug/L	1	06/05/23 15:00	EPA 200.8	
21820300-024CF23A (A3E1788-24)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	10.1	---	0.200	ug/L	1	06/05/23 15:02	EPA 200.8	
21820300-025DW23A (A3E1788-25)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	2.12	---	0.200	ug/L	1	06/05/23 15:03	EPA 200.8	
21820300-026WB23A (A3E1788-26)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 15:07	EPA 200.8	
21820300-027DW23A (A3E1788-27)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 15:09	EPA 200.8	
21820300-028BF23A (A3E1788-28)				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
21820300-028BF23A (A3E1788-28)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.72	---	0.200	ug/L	1	06/05/23 15:10	EPA 200.8	
21820300-029CF23A (A3E1788-29)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	2.09	---	0.200	ug/L	1	06/05/23 15:12	EPA 200.8	
21820300-030DW23A (A3E1788-30)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.19	---	0.200	ug/L	1	06/05/23 15:13	EPA 200.8	
21820300-031BF23A (A3E1788-31)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.40	---	0.200	ug/L	1	06/05/23 15:15	EPA 200.8	
21820300-032BF23A (A3E1788-32)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	2.41	---	0.200	ug/L	1	06/05/23 15:16	EPA 200.8	
21820300-033BF23A (A3E1788-33)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.68	---	0.200	ug/L	1	06/05/23 15:18	EPA 200.8	
21820300-034SF23A (A3E1788-34)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	0.557	---	0.200	ug/L	1	06/05/23 15:19	EPA 200.8	
21820300-035SF23A (A3E1788-35)				Matrix: Drinking Water				
<u>Batch: 23F0019</u>								
Lead	1.56	---	0.200	ug/L	1	06/05/23 15:21	EPA 200.8	
21820300-036BF23A (A3E1788-36RE1)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	14.6	---	0.200	ug/L	1	06/05/23 17:30	EPA 200.8	
21820300-037WB23A (A3E1788-37)				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
21820300-037WB23A (A3E1788-37)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 15:34	EPA 200.8	
21820300-038DW23A (A3E1788-38)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 15:35	EPA 200.8	
21820300-039SF23A (A3E1788-39RE1)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	11.2	---	0.200	ug/L	1	06/05/23 17:38	EPA 200.8	
21820300-040BF23A (A3E1788-40)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	0.394	---	0.200	ug/L	1	06/05/23 15:38	EPA 200.8	
21820300-041BF23A (A3E1788-41RE1)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 17:39	EPA 200.8	
21820300-042BF23A (A3E1788-42)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	0.383	---	0.200	ug/L	1	06/05/23 15:44	EPA 200.8	
21820300-044BF23A (A3E1788-43)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 15:45	EPA 200.8	
21820300-045WB23A (A3E1788-44)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 15:47	EPA 200.8	
21820300-046DW23A (A3E1788-45)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 15:48	EPA 200.8	
21820300-048CF23A (A3E1788-46)				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
21820300-048CF23A (A3E1788-46)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	2.05	---	0.200	ug/L	1	06/05/23 15:50	EPA 200.8	
21820300-049DW23A (A3E1788-47)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	3.49	---	0.200	ug/L	1	06/05/23 15:51	EPA 200.8	
21820300-050CF23A (A3E1788-48)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	1.51	---	0.200	ug/L	1	06/05/23 15:53	EPA 200.8	
21820300-051DW23A (A3E1788-49)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	1.35	---	0.200	ug/L	1	06/05/23 15:54	EPA 200.8	
21820300-052CF23A (A3E1788-50)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	3.74	---	0.200	ug/L	1	06/05/23 15:55	EPA 200.8	
21820300-053DW23A (A3E1788-51)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	2.07	---	0.200	ug/L	1	06/05/23 16:00	EPA 200.8	
21820300-054CF23A (A3E1788-52)				Matrix: Drinking Water				
<u>Batch: 23F0108</u>								
Lead	8.46	---	0.200	ug/L	1	06/05/23 16:01	EPA 200.8	
21820300-055DW23A (A3E1788-53)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	0.840	---	0.200	ug/L	1	06/05/23 16:44	EPA 200.8	
21820300-056CF23A (A3E1788-54)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	0.601	---	0.200	ug/L	1	06/05/23 16:49	EPA 200.8	
21820300-057DW23A (A3E1788-55)				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
21820300-057DW23A (A3E1788-55)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	0.349	---	0.200	ug/L	1	06/05/23 16:50	EPA 200.8	
21820300-058BF23A (A3E1788-56)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	0.899	---	0.200	ug/L	1	06/05/23 16:52	EPA 200.8	
21820300-059BF23A (A3E1788-57)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	1.23	---	0.200	ug/L	1	06/05/23 16:53	EPA 200.8	
21820300-060CF23A (A3E1788-58)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	0.784	---	0.200	ug/L	1	06/05/23 16:57	EPA 200.8	
21820300-061DW23A (A3E1788-59)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	0.209	---	0.200	ug/L	1	06/05/23 16:59	EPA 200.8	
21820300-062CF23A (A3E1788-60)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	6.88	---	0.200	ug/L	1	06/05/23 17:00	EPA 200.8	
21820300-063DW23A (A3E1788-61)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	2.22	---	0.200	ug/L	1	06/05/23 17:02	EPA 200.8	
21820300-064CF23A (A3E1788-62)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	7.11	---	0.200	ug/L	1	06/05/23 17:07	EPA 200.8	
21820300-065DW23A (A3E1788-63)				Matrix: Drinking Water				
Batch: 23F0113								
Lead	2.42	---	0.200	ug/L	1	06/05/23 17:09	EPA 200.8	
21820300-066CF23A (A3E1788-64)				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
21820300-066CF23A (A3E1788-64)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	3.67	---	0.200	ug/L	1	06/05/23 17:10	EPA 200.8	
21820300-067DW23A (A3E1788-65)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	0.578	---	0.200	ug/L	1	06/05/23 17:11	EPA 200.8	
21820300-068CF23A (A3E1788-66)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	6.75	---	0.200	ug/L	1	06/05/23 17:14	EPA 200.8	
21820300-069DW23A (A3E1788-67)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	2.03	---	0.200	ug/L	1	06/05/23 17:15	EPA 200.8	
21820300-070CF23A (A3E1788-68)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	5.43	---	0.200	ug/L	1	06/05/23 17:19	EPA 200.8	
21820300-071DW23A (A3E1788-69)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	2.52	---	0.200	ug/L	1	06/05/23 17:22	EPA 200.8	
21820300-072SF23A (A3E1788-70)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	0.962	---	0.200	ug/L	1	06/05/23 17:23	EPA 200.8	
21820300-073WB23A (A3E1788-71)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	ND	---	0.200	ug/L	1	06/05/23 17:24	EPA 200.8	
21820300-074NS23A (A3E1788-72)				Matrix: Drinking Water				
<u>Batch: 23F0113</u>								
Lead	1.46	---	0.200	ug/L	1	06/05/23 17:26	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 23F0015 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0015-BLK1)		Prepared: 06/01/23 07:42 Analyzed: 06/05/23 13:58										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0015-BS1)		Prepared: 06/01/23 07:42 Analyzed: 06/05/23 14:00										
<u>EPA 200.8</u>												
Lead	14.9	---	0.201	ug/L	1	15.0	---	99	85 - 115%	---	---	---
Matrix Spike (23F0015-MS2)		Prepared: 06/01/23 07:42 Analyzed: 06/05/23 14:40										
<u>QC Source Sample: 21820300-015CF23A (A3E1788-15)</u>												
<u>EPA 200.8</u>												
Lead	18.8	---	0.201	ug/L	1	15.0	4.82	93	70 - 130%	---	---	---
Batch 23F0019 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0019-BLK1)		Prepared: 06/01/23 08:40 Analyzed: 06/05/23 14:41										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0019-BS1)		Prepared: 06/01/23 08:40 Analyzed: 06/05/23 14:43										
<u>EPA 200.8</u>												
Lead	15.7	---	0.201	ug/L	1	15.0	---	104	85 - 115%	---	---	---
Duplicate (23F0019-DUP1)		Prepared: 06/01/23 08:40 Analyzed: 06/05/23 14:46										
<u>QC Source Sample: 21820300-016DW23A (A3E1788-16)</u>												
<u>EPA 200.8</u>												
Lead	1.59	---	0.200	ug/L	1	---	1.59	---	---	0.2	20%	---
Matrix Spike (23F0019-MS1)		Prepared: 06/01/23 08:40 Analyzed: 06/05/23 14:50										
<u>QC Source Sample: 21820300-016DW23A (A3E1788-16)</u>												
<u>EPA 200.8</u>												
Lead	16.6	---	0.201	ug/L	1	15.0	1.59	100	70 - 130%	---	---	---
Matrix Spike (23F0019-MS2)		Prepared: 06/01/23 08:40 Analyzed: 06/05/23 15:25										
<u>QC Source Sample: 21820300-035SF23A (A3E1788-35)</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 23F0019 - EPA 200.8 Direct Analysis						Drinking Water						
Matrix Spike (23F0019-MS2)		Prepared: 06/01/23 08:40 Analyzed: 06/05/23 15:25										
QC Source Sample: 21820300-035SF23A (A3E1788-35)												
<u>EPA 200.8</u>												
Lead	16.4	---	0.201	ug/L	1	15.0	1.56	99	70 - 130%	---	---	

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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: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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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 23F0108 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0108-BLK2)		Prepared: 06/05/23 08:24 Analyzed: 06/06/23 14:01										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	Q-16
LCS (23F0108-BS2)		Prepared: 06/05/23 08:24 Analyzed: 06/05/23 17:29										
<u>EPA 200.8</u>												
Lead	14.3	---	0.199	ug/L	1	14.9	---	96	85 - 115%	---	---	Q-16
Duplicate (23F0108-DUP2)		Prepared: 06/05/23 08:24 Analyzed: 06/05/23 17:32										
<u>QC Source Sample: 21820300-036BF23A (A3E1788-36RE1)</u>												
<u>EPA 200.8</u>												
Lead	15.7	---	0.200	ug/L	1	---	14.6	---	---	8	20%	Q-16
Matrix Spike (23F0108-MS3)		Prepared: 06/05/23 08:24 Analyzed: 06/05/23 17:33										
<u>QC Source Sample: 21820300-036BF23A (A3E1788-36RE1)</u>												
<u>EPA 200.8</u>												
Lead	29.4	---	0.199	ug/L	1	14.9	14.6	100	70 - 130%	---	---	Q-16

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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 23F0113 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0113-BLK1)		Prepared: 06/05/23 09:55 Analyzed: 06/05/23 16:41										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0113-BS1)		Prepared: 06/05/23 09:55 Analyzed: 06/05/23 16:43										
<u>EPA 200.8</u>												
Lead	14.4	---	0.201	ug/L	1	15.0	---	96	85 - 115%	---	---	---
Duplicate (23F0113-DUP1)		Prepared: 06/05/23 09:55 Analyzed: 06/05/23 16:46										
<u>QC Source Sample: 21820300-055DW23A (A3E1788-53)</u>												
<u>EPA 200.8</u>												
Lead	0.820	---	0.200	ug/L	1	---	0.840	---	---	2	20%	---
Matrix Spike (23F0113-MS1)		Prepared: 06/05/23 09:55 Analyzed: 06/05/23 16:47										
<u>QC Source Sample: 21820300-055DW23A (A3E1788-53)</u>												
<u>EPA 200.8</u>												
Lead	15.0	---	0.201	ug/L	1	15.0	0.840	94	70 - 130%	---	---	---
Matrix Spike (23F0113-MS2)		Prepared: 06/05/23 09:55 Analyzed: 06/05/23 17:27										
<u>QC Source Sample: 21820300-074NS23A (A3E1788-72)</u>												
<u>EPA 200.8</u>												
Lead	16.7	---	0.201	ug/L	1	15.0	1.46	102	70 - 130%	---	---	---

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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: 23F0015</u>							
A3E1788-01	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-02	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-03	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-04	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-05	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-06	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-07	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-08	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-09	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-10	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-11	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-12	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-13	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-14	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
A3E1788-15	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 07:42	10mL/10mL	10mL/10mL	1.00
<u>Batch: 23F0019</u>							
A3E1788-16	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-17	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-18	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-19	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-20	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-21	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-22	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-23	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-24	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-25	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-26	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-27	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-28	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-29	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-30	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-31	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-32	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-33	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-34	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00
A3E1788-35	Drinking Water	EPA 200.8	05/19/23 00:00	06/01/23 08:40	10mL/10mL	10mL/10mL	1.00

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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: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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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: 23F0108</u>							
A3E1788-36RE1	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-37	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-38	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-39RE1	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-40	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-41RE1	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-42	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-43	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-44	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-45	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-46	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-47	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-48	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-49	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-50	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-51	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
A3E1788-52	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 08:24	10mL/10mL	10mL/10mL	1.00
<u>Batch: 23F0113</u>							
A3E1788-53	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-54	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-55	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-56	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-57	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-58	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-59	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-60	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-61	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-62	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-63	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-64	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-65	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-66	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-67	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-68	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-69	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>Reynolds School District</u> Project Number: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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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
A3E1788-70	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-71	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00
A3E1788-72	Drinking Water	EPA 200.8	05/19/23 00:00	06/05/23 09:55	10mL/10mL	10mL/10mL	1.00

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4412 S Corbett Ave	Project Number: Glenfair ES/23514.186	A3E1788 - 06 07 23 1552
Portland, OR 97239	Project Manager: James Mastanduno	

QUALIFIER DEFINITIONS

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

Apex Laboratories

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 1/2 the Reporting Limit (RL).
-For Blank hits falling between 1/2 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



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503-718-2323
ORELAP ID: OR100062

<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>Reynolds School District</u> Project Number: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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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

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
<u>All reported analytes are included in Apex Laboratories' current ORELAP scope.</u>					

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.

Apex Laboratories

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

PBS Engineering and Environmental	Project: Reynolds School District	
4412 S Corbett Ave	Project Number: Glenfair ES/23514.186	Report ID:
Portland, OR 97239	Project Manager: James Mastanduno	A3E1788 - 06 07 23 1552

A3E1788

Lead in Drinking Water Testing Program		Reynolds School District	
Date Collected:	5/19/23	PBS Project:	23514.186
School Name:	Glenfair Elementary	Building Number:	218,26300
Analysis Requested:	Lead (Pb) in drinking water		
Relinquished By:	Jose Alvarez	Date/Time:	5-19-23 // 1600
Received By:	<i>[Signature]</i> APEX LABS	Date/Time:	5/23/23 155
Email Results to:	james.mastanduno@pbsusa.com	Turnaround Time:	10 - Day

Fixture Number	Sample Number	Room/Location
001 KF	21820300-001KF23A	Kitchen, SW corner sink
002 SF	21820300-002SF23A	Kitchen, staff restroom sink
003 KF	21820300-003KF23A	Kitchen, north wall sink
004 WB	21820300-004WB23A	Cafeteria, SW, water bottle fill station
005 DW	21820300-005DW23A	Cafeteria, SW, drinking fountain
006 BF	21820300-006BF23A	Rm 16, East restroom sink
007 CF	21820300-007CF23A	Rm 16, restroom sink
008 DW	21820300-008DW23A	Rm 16, fountain @ workroom sink
009 BF	21820300-009BF23A	Rm 16, west restroom sink
010 BF	" - 010BF23A	Rm 17, east restroom sink
011 CF	" - 011CF23A	Rm 17, restroom sink
012 DW	" - 012DW23A	Rm 17, fountain @ workroom sink
013 BF	" - 013BF23A	Rm 17, west restroom sink
014 BF	" - 014BF23A	Rm 19, east restroom sink
015 CF	" - 015CF23A	Rm 19, workroom sink
016 DW	" - 016DW23A	Rm 19, fountain @ workroom sink
017 BF	" - 017BF23A	Rm 19, west restroom sink
018 BF	" - 018BF23A	Rm 14, west restroom sink
019 CF	" - 019CF23A	Rm 14, classroom sink
020 DW	" - 020DW23A	Rm 14, fountain @ classroom sink
021 BF	" - 021BF23A	Rm 14, east restroom sink
022 CF	" - 022CF23A	Library, classroom sink
023 DW	" - 023DW23A	Library, fountain @ classroom sink
024 CF	" - 024CF23A	Rm 20, classroom sink
025 DW	" - 025DW23A	Rm 20, fountain @ classroom sink
026 WB	" - 026WB23A	west hall, north, drinking fountain, water bottle fill station
027 DW	" - 027DW23A	west hall, north, drinking fountain
028 BF	" - 028BF23A	Rm 12, west restroom sink
029 CF	" - 029CF23A	Rm 12, classroom sink
030 DW	" - 030DW23A	Rm 12, fountain @ classroom sink
031 BF	" - 031BF23A	Rm 12, east restroom sink
032 BF (L)	" - 032BF23A	West hall, west leg, Boys RR, South sink
033 BF (H)	" - 033BF23A	West hall, west leg, Boys RR, North sink
034 SF	" - 034SF23A	West hall, west leg, faculty RR Sink
035 SF	" - 035SF23A	West hall, west leg, faculty RR Sink
036 BF	" - 036BF23A	West hall, west leg, Rm 23, Restroom sink
037 WB	" - 037WB23A	Gym, NE, drinking fountain, water fill station
038 DW	" - 038DW23A	Gym, NE, drinking fountain





ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental	Project: Reynolds School District	
4412 S Corbett Ave	Project Number: Glenfair ES/23514.186	Report ID:
Portland, OR 97239	Project Manager: James Mastanduno	A3E1788 - 06 07 23 1552

A3E1788

Lead in Drinking Water Testing Program		Reynolds School District	
Date Collected:	5.19.23	PBS Project:	23514.186
School Name:	Glenfair Elementary	Building Number:	21820300
Analysis Requested:	Lead (Pb) in drinking water		
Relinquished By:		Date/Time:	
Received By:	JW A 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
039 SF	21820300-039SF23A	Rm 11, SE storage room, sink
040 BF	040BF23A	East hall, Boys RR, east sink
041 BF	-041BF23A	East hall, Boys RR, center sink
042 BF	-042BF23A	East hall, Boys RR, west sink
* 043 BF *	-043BF	East hall, Girls RR, west sink
044 BF	-044BF23A	East hall, Girls RR, east sink
045 WB	-045WB23A	East hall, west, drinking fountain, water fill stadium
046 DW	-046DW23A	East hall, west, drinking fountain, east
* 047 DW *	-047DW	East hall, west, drinking fountain (west)
048 CF	-048CF23A	Rm 10, classroom sink
049 DW	-049DW23A	Rm 10, fountain @ classroom sink
050 CF	-050CF23A	Rm 9, classroom sink
051 DW	-051DW23A	Rm 9, fountain @ classroom sink
052 CF	-052CF23A	Rm 8, classroom sink
053 DW	-053DW23A	Rm 8, fountain @ classroom sink
054 CF	-054CF23A	Rm 7, classroom sink
055 DW	-055DW23A	Rm 7, fountain @ classroom sink
056 CF	-056CF23A	East hall, Basement classroom, South classroom sink
057 DW	-057DW23A	East hall, Basement classroom, fountain @ South classroom sink
058 BF	-058BF23A	East hall, Basement classroom, South restroom sink
059 BF	-059BF23A	" " " " " North restroom sink
060 CF	-060CF23A	" " " " " North classroom sink
061 DW	-061DW23A	" " " " " fountain @ North classroom sink
062 CF	-062CF23A	Rm 6, classroom sink
063 DW	-063DW23A	Rm 6, fountain @ classroom sink
064 CF	-064CF23A	Rm 5, classroom sink
065 DW	-065DW23A	Rm 5, fountain @ classroom sink
066 CF	-066CF23A	Rm 4, classroom sink
067 DW	-067DW23A	Rm 4, fountain @ classroom sink
068 CF	-068CF23A	Rm 3, classroom sink
069 DW	-069DW23A	Rm 3, fountain @ classroom sink
070 CF	-070CF23A	Rm 2, classroom sink
071 DW	-071DW23A	Rm 2, fountain @ classroom sink
072 SF	-072SF23A	Teacher lounge, sink
073 WB	-073WB23A	Teacher lounge, water fill @ sink
074 NS	-074NS23A	Nurse office sink RR sink

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: Reynolds School District Project Number: Glenfair ES/23514.186 Project Manager: James Mastanduno	Report ID: A3E1788 - 06 07 23 1552
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APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A3E1788

Project/Project #: Glenfair Elementary 23514.186 21820308

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 @ 1048 By: EST

Chain of Custody included? Yes No
 Signed/dated by client? Yes No

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>21.2</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>N</u>						
Temp. blanks? (Y/N)	<u>N</u>						
Ice type: (Gel/Real/Other)	<u>NA</u>						
Condition (In/Out):	<u>OUT</u>						

Cooler out of temp? (Y/N) Possible reason why: Drinking water
 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 @ 16:36 By: AAW

All samples intact? Yes No Comments: _____

Bottle labels/COCs agree? Yes No Comments: 043BF cont. ID reads 01BF, missing containers 5 (043BF & 047DU)

COC/container discrepancies form initiated? Yes No
 Containers/volumes received appropriate for analysis? Yes No Comments: _____

Do VOA vials have visible headspace? Yes No NA
 Comments: _____

Water samples: pH checked: Yes No NA pH appropriate? Yes No NA
 Comments: _____

Additional information:

Labeled by: AAW Witness: [Signature] Cooler Inspected by: AAW
Form Y-003 R-00

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