



June 16, 2023

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

Via email: BPerrin@rsd7.net

Regarding: Drinking Water Sampling Report
 Margaret Scott Elementary School
 14700 NE Sacramento 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 Margaret Scott 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 1 fixture was 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: Margaret Scott Elementary School - Sample Results

Fixture Number	Sample Number	Location / Room No.	Fixture Type	Results (ppb)
001	21820500-001KF23A	Kitchen, NE wall sink	Kitchen faucet	16.3
002	21820500-002SF23A	Kitchen staff restroom	Staff faucet	3.27
003	21820500-003KF23A	Kitchen west	Kitchen faucet	0.383
004	21820500-004KF23A	Kitchen center	Kitchen faucet	0.551
005	21820500-005KF23A	Kitchen center	Kitchen faucet	0.833
006	21820500-006KF23A	Kitchen center	Kitchen faucet	0.501
007	21820500-007WB23A	Cafeteria	Water bottle fill	ND
008	21820500-008DW23A	Cafeteria	Drinking fountain	ND
009	21820500-009DW23A	Cafeteria	Drinking fountain	ND
010	21820500-010BF23A	West hall, boys restroom	Bathroom faucet	1.31
012	21820500-012CF23A	Room 11	Classroom faucet	9.16
013	21820500-013CF23A	Room 12	Classroom faucet	3.27
014	21820500-014WB23A	West hall	Water bottle fill	ND
015	21820500-015DW23A	West hall	Drinking fountain	ND
016	21820500-016CF23A	Room 13	Classroom faucet	6.96
017	21820500-017CF23A	Room 14	Classroom faucet	6.00
018	21820500-018BF23A	West hall girls restroom	Bathroom faucet	1.81
019	21820500-019BF23A	West hall girls restroom	Bathroom faucet	0.735
020	21820500-020WB23A	Teachers lounge	Water bottle fill	ND
021	21820500-021SF23A	Teachers lounge	Staff faucet	0.203
022	21820500-022SF23A	Teachers lounge staff restroom	Staff faucet	0.709
023	21820500-023SF23A	Teachers lounge staff restroom	Staff faucet	1.19
024	21820500-024NS23A	Nurses office restroom	Nurses sink	1.30
025	21820500-025CF23A	Learning center (room 10)	Classroom faucet	5.68
026	21820500-026WB23A	Main center hall	Water bottle fill	ND
027	21820500-027DW23A	Main center hall	Drinking fountain	ND
028	21820500-028BF23A	East hall boys restroom	Bathroom faucet	ND
029	21820500-029WB23A	East hall	Water bottle fill	ND
030	21820500-030DW23A	East hall	Drinking fountain	ND
031	21820500-031BF23A	East hall girls restroom	Bathroom faucet	ND
032	21820500-032CF23A	Room 10	Classroom faucet	0.371

Fixture Number	Sample Number	Location / Room No.	Fixture Type	Results (ppb)
033	21820500-033CF23A	Room 9	Classroom faucet	5.28
034	21820500-034CF23A	Room 8	Classroom faucet	2.00
035	21820500-035WB23A	Hall outside Room 7	Water bottle fill	ND
036	21820500-036DW23A	Hall outside Room 7	Drinking fountain	ND
037	21820500-037CF23A	Room 7	Classroom faucet	2.06
038	21820500-038BF23A	Restroom outside Room 7	Bathroom faucet	1.44
039	21820500-039CF23A	Room 6	Classroom faucet	8.48
040	21820500-040BF23A	Restroom outside Room 6	Bathroom faucet	1.06
041	21820500-041SF23A	Computer room, south office	Staff faucet	27.6
042	21820500-042BF23A	Restroom outside Room 5	Bathroom faucet	2.37
043	21820500-043BF23A	Room 5	Bathroom faucet	2.14
044	21820500-044BF23A	Restroom outside Room 4	Bathroom faucet	0.967
045	21820500-045CF23A	Room 4	Classroom faucet	2.62
046	21820500-046WB23A	Hall outside Room 4	Water bottle fill	ND
047	21820500-047DW23A	Hall outside Room 4	Drinking fountain	ND
048	21820500-048CF23A	Room 3	Classroom faucet	0.981
049	21820500-049CF23A	Room 2	Classroom faucet	6.42
050	21820500-050CF23A	Room 1	Classroom faucet	4.68
051	21820500-051BF23A	Restroom outside Room 1	Bathroom faucet	1.56
052	21820500-052BF23A	Restroom outside Room 1	Bathroom faucet	2.58
053	21820500-053CF23A	Pod classroom, west classroom	Classroom faucet	3.74
054	21820500-054DW23A	Pod classroom, west classroom	Drinking fountain	ND
055	21820500-055BF23A	Pod classroom, west restroom	Bathroom faucet	1.32
056	21820500-056BF23A	Pod classroom, east restroom	Bathroom faucet	0.590
057	21820500-057CF23A	Pod classroom, east classroom	Classroom faucet	2.29
058	21820500-058CF23A	3 rd /4 th grade pod hallway	Classroom faucet	1.08
059	21820500-059DW23A	3 rd /4 th grade pod hallway	Drinking fountain	ND
060	21820500-060DW23A	3 rd /4 th grade pod hallway	Drinking fountain	ND
061	21820500-061BF23A	3 rd /4 th grade pod girls restroom	Bathroom faucet	1.17
062	21820500-062BF23A	3 rd /4 th grade pod girls restroom	Bathroom faucet	0.836
063	21820500-063BF23A	3 rd /4 th grade pod boys restroom	Bathroom faucet	0.927
064	21820500-064BF23A	3 rd /4 th grade pod boys restroom	Bathroom faucet	0.843
065	21820500-065BF23A	Gym girls restroom	Bathroom faucet	3.77
066	21820500-066BF23A	Gym girls restroom	Bathroom faucet	4.48
067	21820500-067WB23A	Gym	Water bottle fill	ND
068	21820500-068DW23A	Gym	Drinking fountain	ND
069	21820500-069BF23A	Gym boys restroom	Bathroom faucet	2.43
070	21820500-070BF23A	Gym boys restroom	Bathroom faucet	2.73

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: Margaret Scott Elementary School – Fixtures Not Sampled

Fixture Number	Sample Number	Location / Room No.	Fixture Type
011	21820500-011BF	West hall north boy's restroom sink (south tap)	Bathroom faucet

Elevated concentrations of lead were found in two fixtures throughout 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 (µg/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
Margaret Scott Elementary School
June 16, 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.

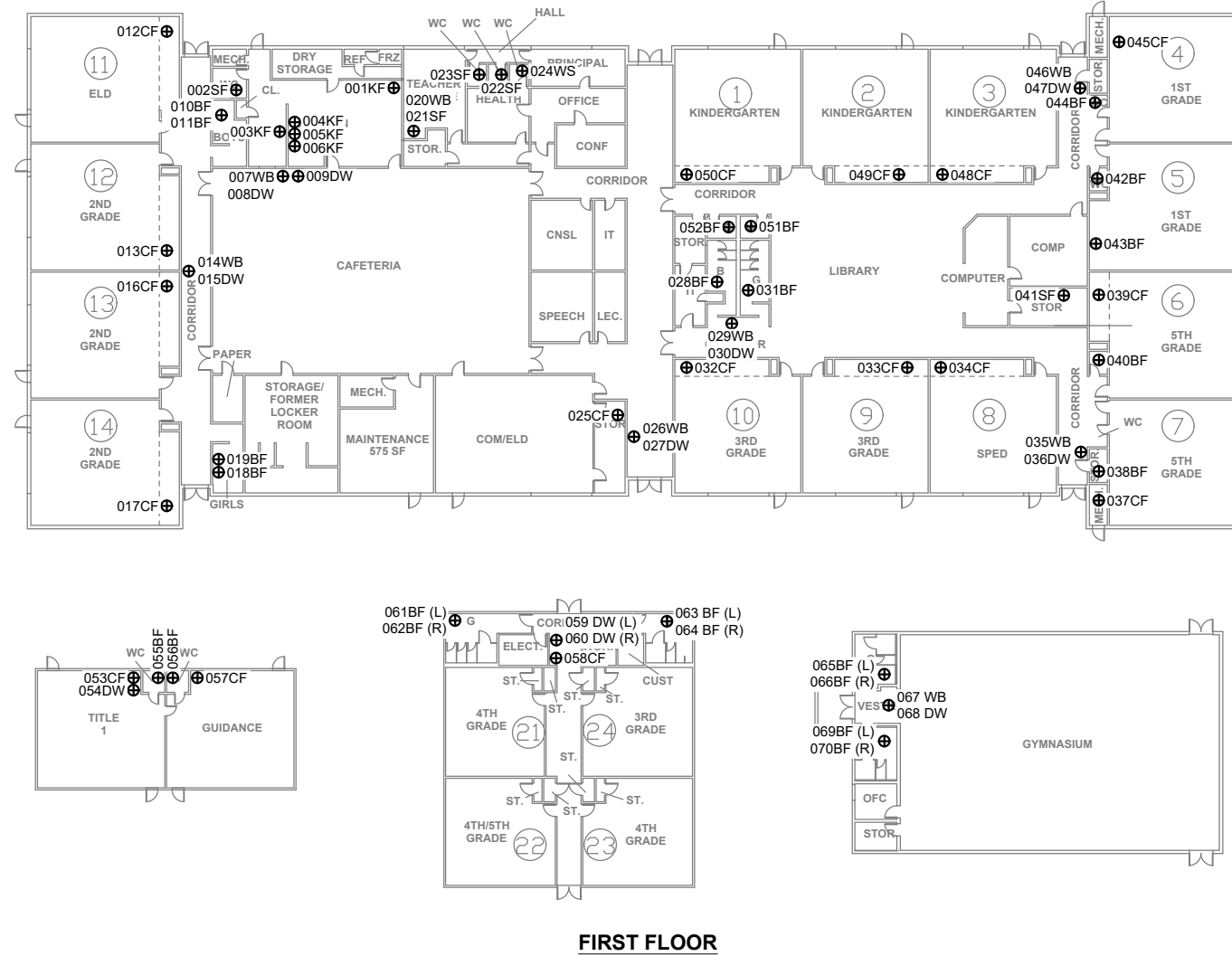
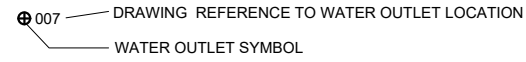
James Mastanduno
Project Manager

Attachments: Fixture Location Map
Laboratory Analytical Report

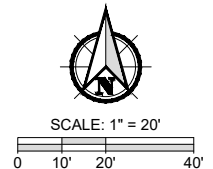
GENERAL NOTES

- 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



Filename: L:\Projects\23000\23500\23514\186_2023_Water\CAD\005_MARGARET\23514_186_0001_005_DWI.dwg User: Jim Blanco CAD Plot Date/Time: 5/29/2023 1:00:22 PM

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.

PBS Engineering and
Architecture
4412 SW Canyon Ave.
Portland, OR 97239
503.248.1939
pbsusa.com



DRINKING WATER FIXTURE LOCATION MAP
MARGARET SCOTT ELEMENTARY SCHOOL
14700 NE SACRAMENTO STREET, PORTLAND, OREGON

NO.	REVISION	DATE	BY	APPD

DRAWN BY JAB
CHECKED: JH
DATE: MAY 2023
PROJECT NUMBER: 23514.186 0001 005
SHEET DRAWING NO: DW1
SHEET 1 OF 1

PREPARED FOR: REYNOLDS SCHOOL DISTRICT



ANALYTICAL REPORT

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

Wednesday, June 14, 2023

James Mastanduno
PBS Engineering and Environmental
4412 S Corbett Ave
Portland, OR 97239

RE: A3E1836 - Reynolds School District - Margaret Scott 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 A3E1836, which was received by the laboratory on 5/30/2023 at 12:40:00PM.

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 18.3 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

<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>Reynolds School District</u> Project Number: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
---	--	--

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820500-001KF23A	A3E1836-01	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-002SF23A	A3E1836-02	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-003KF23A	A3E1836-03	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-004KF23A	A3E1836-04	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-005KF23A	A3E1836-05	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-006KF23A	A3E1836-06	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-007WB23A	A3E1836-07	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-008DW23A	A3E1836-08	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-009DW23A	A3E1836-09	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-010BF23A	A3E1836-10	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-012CF23A	A3E1836-11	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-013CF23A	A3E1836-12	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-014WB23A	A3E1836-13	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-015DW23A	A3E1836-14	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-016CF23A	A3E1836-15	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-017CF23A	A3E1836-16	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-018BF23A	A3E1836-17	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-019BF23A	A3E1836-18	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-020WB23A	A3E1836-19	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-021SF23A	A3E1836-20	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-022SF23A	A3E1836-21	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-023SF23A	A3E1836-22	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-024NS23A	A3E1836-23	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-025CF23A	A3E1836-24	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-026WB23A	A3E1836-25	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-027DW23A	A3E1836-26	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-028BF23A	A3E1836-27	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-029WB23A	A3E1836-28	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-030DW23A	A3E1836-29	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-031BF23A	A3E1836-30	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-032CF23A	A3E1836-31	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-033CF23A	A3E1836-32	Drinking Water	05/24/23 00:00	05/30/23 12:40

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820500-034CF23A	A3E1836-33	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-035WB23A	A3E1836-34	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-036DW23A	A3E1836-35	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-037CF23A	A3E1836-36	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-038BF23A	A3E1836-37	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-039CF23A	A3E1836-38	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-040BF23A	A3E1836-39	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-041SF23A	A3E1836-40	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-042BF23A	A3E1836-41	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-043BF23A	A3E1836-42	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-044BF23A	A3E1836-43	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-045CF23A	A3E1836-44	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-046WB23A	A3E1836-45	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-047DW23A	A3E1836-46	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-048CF23A	A3E1836-47	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-049CF23A	A3E1836-48	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-050CF23A	A3E1836-49	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-051BF23A	A3E1836-50	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-052BF23A	A3E1836-51	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-053CF23A	A3E1836-52	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-054DW23A	A3E1836-53	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-055BF23A	A3E1836-54	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-056BF23A	A3E1836-55	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-057CF23A	A3E1836-56	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-058CF23A	A3E1836-57	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-059DW23A	A3E1836-58	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-060DW23A	A3E1836-59	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-061BF23A	A3E1836-60	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-062BF23A	A3E1836-61	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-063BF23A	A3E1836-62	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-064BF23A	A3E1836-63	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-065BF23A	A3E1836-64	Drinking Water	05/24/23 00:00	05/30/23 12:40

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

<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>Reynolds School District</u> Project Number: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
---	--	---

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
21820500-066BF23A	A3E1836-65	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-067WB23A	A3E1836-66	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-068DW23A	A3E1836-67	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-069BF23A	A3E1836-68	Drinking Water	05/24/23 00:00	05/30/23 12:40
21820500-070BF23A	A3E1836-69	Drinking Water	05/24/23 00:00	05/30/23 12:40

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
21820500-001KF23A (A3E1836-01)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	16.3	---	0.200	ug/L	1	06/12/23 16:10	EPA 200.8	
21820500-002SF23A (A3E1836-02)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	3.27	---	0.200	ug/L	1	06/12/23 16:16	EPA 200.8	
21820500-003KF23A (A3E1836-03)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	0.383	---	0.200	ug/L	1	06/12/23 16:17	EPA 200.8	
21820500-004KF23A (A3E1836-04)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	0.551	---	0.200	ug/L	1	06/12/23 16:18	EPA 200.8	
21820500-005KF23A (A3E1836-05)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	0.833	---	0.200	ug/L	1	06/12/23 16:20	EPA 200.8	
21820500-006KF23A (A3E1836-06)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	0.501	---	0.200	ug/L	1	06/12/23 16:21	EPA 200.8	
21820500-007WB23A (A3E1836-07)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 16:23	EPA 200.8	
21820500-008DW23A (A3E1836-08)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 16:24	EPA 200.8	
21820500-009DW23A (A3E1836-09)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 16:26	EPA 200.8	
21820500-010BF23A (A3E1836-10)				Matrix: Drinking Water				

Apex Laboratories

Jason Woodcock, Project Manager

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.



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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
21820500-010BF23A (A3E1836-10)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	1.31	---	0.200	ug/L	1	06/12/23 16:27	EPA 200.8	
21820500-012CF23A (A3E1836-11)				Matrix: Drinking Water				
<u>Batch: 23F0426</u>								
Lead	9.16	---	0.222	ug/L	1	06/14/23 00:27	EPA 200.8	DW-D
21820500-013CF23A (A3E1836-12)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	3.27	---	0.200	ug/L	1	06/12/23 16:29	EPA 200.8	
21820500-014WB23A (A3E1836-13)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 16:33	EPA 200.8	
21820500-015DW23A (A3E1836-14)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 16:34	EPA 200.8	
21820500-016CF23A (A3E1836-15)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	6.96	---	0.200	ug/L	1	06/12/23 16:36	EPA 200.8	
21820500-017CF23A (A3E1836-16)				Matrix: Drinking Water				
<u>Batch: 23F0415</u>								
Lead	6.00	---	0.200	ug/L	1	06/12/23 16:37	EPA 200.8	
21820500-018BF23A (A3E1836-17)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	1.81	---	0.200	ug/L	1	06/12/23 16:43	EPA 200.8	
21820500-019BF23A (A3E1836-18)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	0.735	---	0.200	ug/L	1	06/12/23 16:50	EPA 200.8	
21820500-020WB23A (A3E1836-19)				Matrix: Drinking Water				

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
21820500-020WB23A (A3E1836-19)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 16:52	EPA 200.8	
21820500-021SF23A (A3E1836-20)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	0.203	---	0.200	ug/L	1	06/12/23 16:53	EPA 200.8	
21820500-022SF23A (A3E1836-21)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	0.709	---	0.200	ug/L	1	06/12/23 16:55	EPA 200.8	
21820500-023SF23A (A3E1836-22)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	1.19	---	0.200	ug/L	1	06/12/23 16:56	EPA 200.8	
21820500-024NS23A (A3E1836-23)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	1.30	---	0.200	ug/L	1	06/12/23 16:57	EPA 200.8	
21820500-025CF23A (A3E1836-24)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	5.68	---	0.200	ug/L	1	06/12/23 16:59	EPA 200.8	
21820500-026WB23A (A3E1836-25)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:00	EPA 200.8	
21820500-027DW23A (A3E1836-26)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:02	EPA 200.8	
21820500-028BF23A (A3E1836-27)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:03	EPA 200.8	
21820500-029WB23A (A3E1836-28)				Matrix: Drinking Water				

Apex Laboratories

Jason Woodcock, Project Manager

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.



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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
21820500-029WB23A (A3E1836-28)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:08	EPA 200.8	
21820500-030DW23A (A3E1836-29)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:09	EPA 200.8	
21820500-031BF23A (A3E1836-30)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:11	EPA 200.8	
21820500-032CF23A (A3E1836-31)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	0.371	---	0.200	ug/L	1	06/12/23 17:12	EPA 200.8	
21820500-033CF23A (A3E1836-32)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	5.28	---	0.200	ug/L	1	06/12/23 17:13	EPA 200.8	
21820500-034CF23A (A3E1836-33)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	2.00	---	0.200	ug/L	1	06/12/23 17:15	EPA 200.8	
21820500-035WB23A (A3E1836-34)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:16	EPA 200.8	
21820500-036DW23A (A3E1836-35)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	ND	---	0.200	ug/L	1	06/12/23 17:18	EPA 200.8	
21820500-037CF23A (A3E1836-36)				Matrix: Drinking Water				
<u>Batch: 23F0417</u>								
Lead	2.06	---	0.200	ug/L	1	06/12/23 17:19	EPA 200.8	
21820500-038BF23A (A3E1836-37)				Matrix: Drinking Water				

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
21820500-038BF23A (A3E1836-37)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	1.44	---	0.200	ug/L	1	06/13/23 13:13	EPA 200.8	
21820500-039CF23A (A3E1836-38)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	8.48	---	0.200	ug/L	1	06/13/23 13:17	EPA 200.8	
21820500-040BF23A (A3E1836-39)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	1.06	---	0.200	ug/L	1	06/13/23 13:19	EPA 200.8	
21820500-041SF23A (A3E1836-40)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	27.6	---	0.200	ug/L	1	06/13/23 13:20	EPA 200.8	
21820500-042BF23A (A3E1836-41)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	2.37	---	0.200	ug/L	1	06/13/23 13:22	EPA 200.8	
21820500-043BF23A (A3E1836-42)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	2.14	---	0.200	ug/L	1	06/13/23 13:23	EPA 200.8	
21820500-044BF23A (A3E1836-43)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	0.967	---	0.200	ug/L	1	06/13/23 13:27	EPA 200.8	
21820500-045CF23A (A3E1836-44)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	2.62	---	0.200	ug/L	1	06/13/23 13:29	EPA 200.8	
21820500-046WB23A (A3E1836-45)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	ND	---	0.200	ug/L	1	06/13/23 13:30	EPA 200.8	
21820500-047DW23A (A3E1836-46)				Matrix: Drinking Water				

Apex Laboratories

Jason Woodcock, Project Manager

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.



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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
21820500-047DW23A (A3E1836-46)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	ND	---	0.200	ug/L	1	06/13/23 13:32	EPA 200.8	
21820500-048CF23A (A3E1836-47)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	0.981	---	0.200	ug/L	1	06/13/23 13:33	EPA 200.8	
21820500-049CF23A (A3E1836-48)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	6.42	---	0.200	ug/L	1	06/13/23 13:35	EPA 200.8	
21820500-050CF23A (A3E1836-49)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	4.68	---	0.200	ug/L	1	06/13/23 13:36	EPA 200.8	
21820500-051BF23A (A3E1836-50)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	1.56	---	0.200	ug/L	1	06/13/23 13:37	EPA 200.8	
21820500-052BF23A (A3E1836-51)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	2.58	---	0.200	ug/L	1	06/13/23 13:39	EPA 200.8	
21820500-053CF23A (A3E1836-52)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	3.74	---	0.200	ug/L	1	06/13/23 13:40	EPA 200.8	
21820500-054DW23A (A3E1836-53)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	ND	---	0.200	ug/L	1	06/13/23 13:45	EPA 200.8	
21820500-055BF23A (A3E1836-54)				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	1.32	---	0.200	ug/L	1	06/13/23 13:46	EPA 200.8	
21820500-056BF23A (A3E1836-55)				Matrix: Drinking Water				

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	0.590	---	0.200	ug/L	1	06/13/23 13:48	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0435</u>								
Lead	2.29	---	0.200	ug/L	1	06/13/23 13:49	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	1.08	---	0.200	ug/L	1	06/13/23 13:55	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	ND	---	0.200	ug/L	1	06/13/23 14:02	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	ND	---	0.200	ug/L	1	06/13/23 14:04	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	1.17	---	0.200	ug/L	1	06/13/23 14:05	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	0.836	---	0.200	ug/L	1	06/13/23 14:07	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	0.927	---	0.200	ug/L	1	06/13/23 14:08	EPA 200.8	
				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	0.843	---	0.200	ug/L	1	06/13/23 14:10	EPA 200.8	
				Matrix: Drinking Water				

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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
21820500-065BF23A (A3E1836-64)				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	3.77	---	0.200	ug/L	1	06/13/23 14:11	EPA 200.8	
21820500-066BF23A (A3E1836-65)				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	4.48	---	0.200	ug/L	1	06/13/23 14:12	EPA 200.8	
21820500-067WB23A (A3E1836-66)				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	ND	---	0.200	ug/L	1	06/13/23 14:14	EPA 200.8	
21820500-068DW23A (A3E1836-67)				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	ND	---	0.200	ug/L	1	06/13/23 14:15	EPA 200.8	
21820500-069BF23A (A3E1836-68)				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	2.43	---	0.200	ug/L	1	06/13/23 14:20	EPA 200.8	
21820500-070BF23A (A3E1836-69)				Matrix: Drinking Water				
<u>Batch: 23F0444</u>								
Lead	2.73	---	0.200	ug/L	1	06/13/23 14:21	EPA 200.8	

Apex Laboratories

Jason Woodcock, Project Manager

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.



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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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 23F0415 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0415-BLK1)			Prepared: 06/12/23 14:01 Analyzed: 06/12/23 15:56									
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0415-BS1)			Prepared: 06/12/23 14:01 Analyzed: 06/12/23 15:58									
<u>EPA 200.8</u>												
Lead	14.8	---	0.201	ug/L	1	15.0	---	99	85 - 115%	---	---	---
Matrix Spike (23F0415-MS2)			Prepared: 06/12/23 14:01 Analyzed: 06/12/23 16:39									
<u>QC Source Sample: 21820500-017CF23A (A3E1836-16)</u>												
<u>EPA 200.8</u>												
Lead	20.1	---	0.201	ug/L	1	15.0	6.00	94	70 - 130%	---	---	---
Batch 23F0417 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0417-BLK1)			Prepared: 06/12/23 15:11 Analyzed: 06/12/23 16:40									
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0417-BS1)			Prepared: 06/12/23 15:11 Analyzed: 06/12/23 16:42									
<u>EPA 200.8</u>												
Lead	15.7	---	0.201	ug/L	1	15.0	---	104	85 - 115%	---	---	---
Duplicate (23F0417-DUP1)			Prepared: 06/12/23 15:11 Analyzed: 06/12/23 16:45									
<u>QC Source Sample: 21820500-018BF23A (A3E1836-17)</u>												
<u>EPA 200.8</u>												
Lead	1.85	---	0.200	ug/L	1	---	1.81	---	---	2	20%	---
Matrix Spike (23F0417-MS1)			Prepared: 06/12/23 15:11 Analyzed: 06/12/23 16:46									
<u>QC Source Sample: 21820500-018BF23A (A3E1836-17)</u>												
<u>EPA 200.8</u>												
Lead	15.8	---	0.201	ug/L	1	15.0	1.81	94	70 - 130%	---	---	---
Matrix Spike (23F0417-MS2)			Prepared: 06/12/23 15:11 Analyzed: 06/12/23 17:21									
<u>QC Source Sample: 21820500-037CF23A (A3E1836-36)</u>												

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

<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>Reynolds School District</u> Project Number: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
---	--	---

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 23F0417 - EPA 200.8 Direct Analysis						Drinking Water						
Matrix Spike (23F0417-MS2)		Prepared: 06/12/23 15:11 Analyzed: 06/12/23 17:21										
QC Source Sample: 21820500-037CF23A (A3E1836-36)												
<u>EPA 200.8</u>												
Lead	15.4	---	0.201	ug/L	1	15.0	2.06	89	70 - 130%	---	---	

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	--

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 23F0426 - EPA 3015A						Drinking Water						
Blank (23F0426-BLK1)		Prepared: 06/13/23 06:52 Analyzed: 06/13/23 23:56										
<u>EPA 200.8</u>												
Lead	ND	---	0.222	ug/L	1	---	---	---	---	---	---	---
LCS (23F0426-BS1)		Prepared: 06/13/23 06:52 Analyzed: 06/14/23 00:01										
<u>EPA 200.8</u>												
Lead	17.7	---	0.222	ug/L	1	16.7	---	106	85 - 115%	---	---	---

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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 23F0435 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0435-BLK1)			Prepared: 06/13/23 08:13 Analyzed: 06/13/23 13:10									
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0435-BS1)			Prepared: 06/13/23 08:13 Analyzed: 06/13/23 13:12									
<u>EPA 200.8</u>												
Lead	15.3	---	0.201	ug/L	1	15.0	---	102	85 - 115%	---	---	---
Duplicate (23F0435-DUP1)			Prepared: 06/13/23 08:13 Analyzed: 06/13/23 13:15									
<u>QC Source Sample: 21820500-038BF23A (A3E1836-37)</u>												
<u>EPA 200.8</u>												
Lead	1.58	---	0.200	ug/L	1	---	1.44	---	---	9	20%	---
Matrix Spike (23F0435-MS1)			Prepared: 06/13/23 08:13 Analyzed: 06/13/23 13:16									
<u>QC Source Sample: 21820500-038BF23A (A3E1836-37)</u>												
<u>EPA 200.8</u>												
Lead	15.9	---	0.201	ug/L	1	15.0	1.44	96	70 - 130%	---	---	---
Matrix Spike (23F0435-MS2)			Prepared: 06/13/23 08:13 Analyzed: 06/13/23 13:51									
<u>QC Source Sample: 21820500-057CF23A (A3E1836-56)</u>												
<u>EPA 200.8</u>												
Lead	17.1	---	0.201	ug/L	1	15.0	2.29	99	70 - 130%	---	---	---

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

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 23F0444 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (23F0444-BLK1)		Prepared: 06/13/23 09:08 Analyzed: 06/13/23 13:52										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (23F0444-BS1)		Prepared: 06/13/23 09:08 Analyzed: 06/13/23 13:54										
<u>EPA 200.8</u>												
Lead	16.0	---	0.201	ug/L	1	15.0	---	107	85 - 115%	---	---	---
Duplicate (23F0444-DUP1)		Prepared: 06/13/23 09:08 Analyzed: 06/13/23 13:57										
<u>QC Source Sample: 21820500-058CF23A (A3E1836-57)</u>												
<u>EPA 200.8</u>												
Lead	1.08	---	0.200	ug/L	1	---	1.08	---	---	0.8	20%	---
Matrix Spike (23F0444-MS1)		Prepared: 06/13/23 09:08 Analyzed: 06/13/23 13:58										
<u>QC Source Sample: 21820500-058CF23A (A3E1836-57)</u>												
<u>EPA 200.8</u>												
Lead	16.1	---	0.201	ug/L	1	15.0	1.08	100	70 - 130%	---	---	---

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	--

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: 23F0415</u>							
A3E1836-01	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-02	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-03	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-04	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-05	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-06	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-07	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-08	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-09	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-10	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-12	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-13	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-14	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-15	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
A3E1836-16	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 14:01	10mL/10mL	10mL/10mL	1.00
<u>Batch: 23F0417</u>							
A3E1836-17	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-18	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-19	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-20	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-21	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-22	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-23	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-24	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-25	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-26	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-27	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-28	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-29	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-30	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-31	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-32	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-33	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-34	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-35	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00
A3E1836-36	Drinking Water	EPA 200.8	05/24/23 00:00	06/12/23 15:11	10mL/10mL	10mL/10mL	1.00

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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	--

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: 23F0435</u>							
A3E1836-37	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-38	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-39	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-40	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-41	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-42	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-43	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-44	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-45	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-46	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-47	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-48	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-49	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-50	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-51	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-52	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-53	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-54	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-55	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
A3E1836-56	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 08:13	10mL/10mL	10mL/10mL	1.00
<u>Batch: 23F0444</u>							
A3E1836-57	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-58	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-59	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-60	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-61	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-62	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-63	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-64	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-65	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-66	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-67	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-68	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00
A3E1836-69	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 09:08	10mL/10mL	10mL/10mL	1.00

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

<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>Reynolds School District</u> Project Number: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
---	--	---

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: 23F0426</u>							
A3E1836-11	Drinking Water	EPA 200.8	05/24/23 00:00	06/13/23 06:52	45mL/50mL	10mL/10mL	1.11

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

<u>PBS Engineering and Environmental</u>	Project: <u>Reynolds School District</u>	<u>Report ID:</u>
4412 S Corbett Ave	Project Number: Margaret Scott ES/23514.18	A3E1836 - 06 14 23 1514
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.

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

<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>Reynolds School District</u> Project Number: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
---	--	---

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.

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.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
---	--	---

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.

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

Table with project details: PBS Engineering and Environmental, Project: Reynolds School District, Project Number: Margaret Scott ES/23514.18, Project Manager: James Mastanduno, Report ID: A3E1836 - 06 14 23 1514

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 with columns: Matrix, Analysis, TNI_ID, Analyte, TNI_ID, Accreditation. Includes a note: 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.

Apex Laboratories

Handwritten signature of Jason Woodcock

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

PBS Engineering and Environmental	Project: Reynolds School District	
4412 S Corbett Ave	Project Number: Margaret Scott ES/23514.18	Report ID:
Portland, OR 97239	Project Manager: James Mastanduno	A3E1836 - 06 14 23 1514

A3E1836

Lead in Drinking Water Testing Program		Reynolds School District	
Date Collected:	5/24/23	PBS Project:	23514.186
School Name:	Margaret Scott Elementary	Building Number:	21820500
Analysis Requested:	Lead (Pb) in drinking water		
Relinquished By:	Steve Hernandez	Date/Time:	5-29-23 / 0900
Received By:	JW APEX LABS	Date/Time:	5/30/23 1210
Email Results to:	james.mastanduno@pbsusa.com	Turnaround Time:	10 - Day

Fixture Number	Sample Number	Room/Location
001KF	21820500-001KF23A	Kitchen, NE wall, sink
002SF	" -002SF23A	Kitchen, staff restroom sink
003KF	-003KF23A	Kitchen, west sink
004KF	-004KF23A	Kitchen, center, north sink (1 of 3)
005KF	-005KF23A	Kitchen, center, under sink (2 of 3)
006KF	-006KF23A	Kitchen, center, south sink (3 of 3)
007WB	-007WB23A	Cafeteria, drinking fountain, water fill station
008DW	-008DW23A	Cafeteria, drinking fountain, west
009DW	-009DW23A	Cafeteria, drinking fountain, east
010BF	-010BF23A	West hall, north, boys RP sink, north
011BF		" " " " " South
012CF	-012CF23A	Rm 11, sink
013CF	-013CF23A	Rm 11, sink
014WB	-014WB23A	West hall, drinking fountain, water fill station
015DW	-015DW23A	West hall, drinking fountain
016CF	-016CF23A	Rm 13, sink
017CF	-017CF23A	Rm 14, Sink
018BF	-018BF23A	West hall, south, girls RP, South
019BF	-019BF23A	" " " " " North
020WB	-020WB23A	Teacher lounge, sink water fill station
021SF	-021SF23A	Teacher lounge, sink
022SF	-022SF23A	Teacher lounge, staff RP, east
023SF	-023SF23A	" " " " " West
024NS	-024NS23A	Nurse office, RP sink
025CF	-025CF23A	Learning center sink (Rm 16)
026WB	-026WB23A	Main Center hall, south, water fountain, water fill station
027DW	-027DW23A	Main Center hall, south drinking fountain
028BF	-028BF23A	East hall, boys RP, sink
029WB	-029WB23A	East hall, drinking fountain, water fill station
030DW	-030DW23A	" " " " " drinking fountain
031BF	-031BF23A	East hall, girls RP, sink
032CF	-032CF23A	Rm 10, sink
033CF	-033CF23A	Rm 9, sink
034CF	-034CF23A	Rm 6, sink
035WB	-035WB23A	drinking fountain outside Rm 7, water fill station
036DW	-036DW23A	drinking fountain outside Rm 7
037CF	-037CF23A	Rm 7, Sink
038BF	-038BF23A	RP sink, outside Rm 7

ANALYTICAL REPORT

PBS Engineering and Environmental	Project: Reynolds School District	
4412 S Corbett Ave	Project Number: Margaret Scott ES/23514.18	Report ID:
Portland, OR 97239	Project Manager: James Mastanduno	A3E1836 - 06 14 23 1514

REVISED
A3E1836

Lead in Drinking Water Testing Program		Reynolds School District	
Date Collected:	2-24-23	PBS Project:	23514.186
School Name:	Margaret Scott ES/23514	Building Number:	21420526
Analysis Requested:	Lead (Pb) in drinking water		
Relinquished By:	Joe Herrick	Date/Time:	5/29/23-0900
Received By:	James Mastanduno	Date/Time:	5/30/23 1200
Email Results to:	james.mastanduno@pbsusa.com	Turnaround Time:	10 - Day

Fixture Number	Sample Number	Room/Location
039CF	21420526-039CF23A	Rm 6, sink
040BF	" " 040BF23A	Pk outside Rm 6, sink
041SF	041SF23A	Computer Rm, South office, sink
042BF	042BF23A	RK outside, Rm 5
043BF	043BF23A	Rm 5, Rk sink
044BF	044BF23A	Rk outside Rm 4
045CF	045CF23A	Rm 4, sink
046WB	046WB23A	Drinker, fountain, outside Rm 4 water fill station
047DW	047DW23A	Drinking fountain, outside Rm 4
048CF	048CF23A	Rm 3, sink
049CF	049CF23A	Rm 2, sink
050CF	050CF23A	Rm 1, sink
051BF	051BF23A	Rk, east, sink, outside Rm 1
052BF	052BF23A	Rk, west, sink, outside Rm 1
053CF	053CF23A	Pod classroom (2 rooms), west, classroom sink
054DW	054DW23A	Pod classroom (2 rooms), west, fountain & sink
055BF	055BF23A	Pod classroom (2 rooms), west, restroom sink
056BF	056BF23A	Pod classroom (2 rooms), east, restroom sink
057CF	057CF23A	Pod classroom (2 rooms), east, classroom sink
058CF	058CF23A	3 rd /4 th grade pod, hallway sink
059DW (L)	059DW23A	3 rd /4 th grade pod, hallway, drinking fountain, left
060DW (R)	060DW23A	" " " " " " right
061BF (L)	061BF23A	3 rd /4 th grade pod, girls Rk sink, west
062BF (R)	062BF23A	" " " " " " east
063BF (L)	063BF23A	3 rd /4 th grade pod, boys Rk sink, west
064BF (R)	064BF23A	" " " " " " east
065BF (L)	065BF23A	Gym, girls Rk sink, north
066BF (R)	066BF23A	" " " " " " south
067WB	067WB23A	Gym, drinking fountain, water fill station
068DW	068DW23A	Gym, drinking fountain
069BF (L)	069BF23A	Gym, boys Rk sink, north
070BF (R)	070BF23A	Gym, boys Rk sink, south



ANALYTICAL REPORT

PBS Engineering and Environmental	Project: Reynolds School District	
4412 S Corbett Ave	Project Number: Margaret Scott ES/23514.18	Report ID:
Portland, OR 97239	Project Manager: James Mastanduno	A3E1836 - 06 14 23 1514

A3E1836

Lead in Drinking Water Testing Program		Reynolds School District	
Date Collected:	2.24.23	PBS Project:	23514.186
School Name:	Margaret Scott	Building Number:	21820 SW
Analysis Requested:	Lead (Pb) in drinking water		
Relinquished By:	Jose Herrera	Date/Time:	5/29/23 - 0900
Received By:	James Mastanduno	Date/Time:	5/30/23 1200
Email Results to:	james.mastanduno@pbsusa.com	Turnaround Time:	10 - Day

Fixture Number	Sample Number	Room/Location
039CF	21820SW-039CF231	Rm 6, sink
040BF	" "	Pk outside Rm 6, sink
041SF	" "	Computer Rm, south office, sink
042BF	" "	Rk outside, Rm 5
043BF	" "	Rm 5, Rk sink
044BF	" "	Rk outside Rm 4
045CF	" "	Rm 4, sink
046WB	" "	Drinking fountain, outside Rm 4 water fill station
047DW	" "	Drinking fountain, outside Rm 4
048CF	" "	Rm 3, sink
049CF	" "	Rm 2, sink
050CF	" "	Rm 1, sink
051BF	" "	Rk, east, sink, outside Rm 1
052BF	" "	Rk, east, sink, outside Rm 7
053CF	" "	Pod classroom (2 rooms), west, classroom sink
054DW	" "	Pod classroom (2 rooms), west, fountain @ sink
055BF	" "	Pod classroom (2 rooms), west, restroom sink
056BF	" "	Pod classroom (2 rooms), east, restroom sink
057CF	" "	Pod classroom (2 rooms), east, classroom sink
058CF	" "	3rd/4th grade pod, hallway sink
059DW (L)	" "	3rd/4th grade pod, hallway, drinking fountain, left
060DW (R)	" "	" " " " " " right
061BF (L)	" "	3rd/4th grade pod, girls Rk sink, west
062BF (R)	" "	" " " " " " east
063BF (L)	" "	3rd/4th grade pod, boys Rk sink, west
064BF (R)	" "	" " " " " " east
065BF (L)	" "	Gym, girls Rk sink, North
066BF (R)	" "	" " " " " " south
067WB	" "	Gym, drinking fountain, water fill station
068DW	" "	Gym, drinking fountain
069BF (L)	" "	Gym, boys Rk sink, North
070BF (R)	" "	Gym, boys Rk sink, South





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: Margaret Scott ES/23514.18 Project Manager: James Mastanduno	Report ID: A3E1836 - 06 14 23 1514
--	---	---

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A3 E1836

Project/Project #: Margaret Scott Elementary 23514.186 21820506

Delivery Info:
 Date/time received: 5/30/23 @ 1240 By: EST

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

Cooler Inspection Date/time inspected: 5/30/23 @ 1405 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>18.3</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 waters

Green dots applied to out of temperature samples? Yes No

Out of temperature samples form initiated? Yes No

Sample Inspection: Date/time inspected: 5.31.23 @ 922 By: DJS

All samples intact? Yes No Comments: _____

Bottle labels/COCs agree? Yes No Comments: _____

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: DJS Witness: [Signature] Cooler Inspected by: DJS

Form Y-003 R-00

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