

April 28, 2025

Will Wenzloff
Hillsboro School District
4901 SE Witch Hazel Road
Hillsboro, Oregon 97123

Via e-mail: wenzlofw@hsd.or.k12.us

Regarding: Drinking Water Sampling Report
Lincoln Street Elementary School
801 NE Lincoln Street
Hillsboro, Oregon
PBS Project 24013061 / 0001

Dear Mr. Wenzloff:

Between March 15 and April 11, 2025, PBS Engineering and Environmental LLC (PBS) collected drinking water samples at Lincoln Street Elementary School in Hillsboro, Oregon. The testing was requested by Hillsboro School District as part of their efforts to ensure that concentrations of lead in drinking water at the school remain below the Oregon Department of Education (ODE) action level of 15 parts per billion (ppb).

One hundred six samples were collected and delivered under chain of custody to Apex Laboratories in Tigard, Oregon for lead analysis. Laboratory analysis showed that drinking water from all but one fixture had lead concentrations below 15 ppm.

The following tables list the results of the analysis. Results above 15 ppb are shown in bold.

Main Building – Round 1

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
001	22391300-001KF25A	Kitchen, pot filler	26.4
002	22391300-002KF25A	Kitchen, south island prep sink faucet	0.335
003	22391300-003KF25A	Kitchen, north wall, double sink faucet	0.770
004	22391300-004KF25A	Kitchen, north wall, double sink sprayer	ND
005	22391300-005KF25A	Scullery, sanitizing sink sprayer	0.250
006	22391300-006KF25A	Scullery, sink at dishwasher - faucet	1.10
007	22391300-007KF25A	Scullery, sink at dishwasher - sprayer	0.244
008	22391300-008WB25A	Cafeteria water bottle filler	ND
009	22391300-009DW25A	Cafeteria drinking fountain	ND
010	22391300-010BF25A	Cafeteria, girls restroom sink faucets - left	ND
011	22391300-011BF25A	Cafeteria, girls restroom sink faucets - center	0.321

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
012	22391300-012BF25A	Cafeteria, girls restroom sink faucets - right	ND
013	22391300-013BF25A	Cafeteria, boys restroom sink faucets - left	ND
014	22391300-014BF25A	Cafeteria, boys restroom sink faucets - center	ND
015	22391300-015BF25A	Cafeteria, boys restroom sink faucets - right	ND
016	22391300-016BF25A	Kitchen restroom sink faucet	ND
017	22391300-017DW25A	Room 135 – drinking fountain	0.760
018	22391300-018CF25A	Room 135 – classroom faucet	0.723
019	22391300-019NS25A	Health Room – north faucet	0.735
020	22391300-020NS25A	Health Room – south faucet	ND
021	22391300-021BF25A	Health Room restroom sink faucet	ND
022	22391300-022DW25A	Main office workroom drinking fountain	2.61
023	22391300-023SF25A	Main office workroom sink faucet	2.08
024	22391300-024BF25A	Main office, left staff restroom sink faucet	ND
025	22391300-025BF25A	Main office, right staff restroom sink faucet	ND
026	22391300-026DW25A	Room 160 - drinking fountain	0.532
027	22391300-027CF25A	Room 160 – classroom faucet	5.53
028	22391300-028BF25A	Room 160 – restroom sink faucet	ND
029	22391300-029BF25A	1st floor corridor, west end restrooms – right restroom	ND
030	22391300-030BF25A	1st floor corridor, west end restrooms – left restroom	0.580
031	22391300-031DW25A	Room 164 - drinking fountain	0.437
032	22391300-032CF25A	Room 164 – classroom faucet	ND
033		Room 166 - drinking fountain (NOT WORKING)	
034	22391300-034CF25A	Room 166 – classroom faucet	1.86
035	22391300-035DW25A	Room 167 - drinking fountain	ND
036	22391300-036CF25A	Room 167 – classroom faucet	0.692
037	22391300-037DW25A	Room 169 - drinking fountain	0.221
038	22391300-038CF25A	Room 169 – classroom faucet	0.943
039	22391300-039DW25A	Room 172 - drinking fountain	0.822
040	22391300-040CF25A	Room 172 – classroom faucet	ND
041	22391300-041DW25A	1st floor corridor, east end drinking fountains - left	ND
042	22391300-042DW25A	1st floor corridor, east end drinking fountains - right	ND
043	22391300-043BF25A	1st floor corridor, east end boys restroom – left restroom	ND
044	22391300-044BF25A	1st floor corridor, east end boys restroom – right restroom	ND
045	22391300-045BF25A	1st floor corridor, east end girls restroom – left restroom	ND
046	22391300-046BF25A	1st floor corridor, east end girls restroom – right restroom	ND
047	22391300-047BF25A	1st floor corridor, east end – staff restroom	ND
048	22391300-048DW25A	Room 171 - drinking fountain	ND
049	22391300-049CF25A	Room 171 – classroom faucet	0.420
050	22391300-050DW25A	Room 170 - drinking fountain	0.250
051	22391300-051CF25A	Room 170 – classroom faucet	1.04
052	22391300-052DW25A	Room 168 - drinking fountain	0.238

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
053	22391300-053CF25A	Room 168 – classroom faucet	0.517
054	22391300-054DW25A	Room 165 - drinking fountain	1.74
055	22391300-055CF25A	Room 165 – classroom faucet	0.824
056	22391300-056DW25A	Room 163 - drinking fountain	0.291
057	22391300-057CF25A	Room 163 – classroom faucet	1.11
058	22391300-058DW25A	Room 162 - drinking fountain	0.429
059	22391300-059CF25A	Room 162 – classroom faucet	0.692
060	22391300-060SF25A	Media Center workroom sink faucet	ND
061	22391300-061DW25A	2nd floor corridor, west end drinking fountain - left	ND
062	22391300-062DW25A	2nd floor corridor, west end drinking fountain - right	ND
063	22391300-063BF25A	2nd floor corridor, west end, staff restroom	ND
064	22391300-064BF25A	2nd floor corridor, west end, boys restroom - left	ND
065	22391300-065BF25A	2nd floor corridor, west end, boys restroom - center	ND
066	22391300-066BF25A	2nd floor corridor, west end, boys restroom - right	ND
067	22391300-067BF25A	2nd floor corridor, west end, girls restroom - left	ND
068	22391300-068BF25A	2nd floor corridor, west end, girls restroom - center	0.209
069	22391300-069BF25A	2nd floor corridor, west end, girls restroom - right	ND
070	22391300-070SF25A	2nd floor faculty room sink faucet	ND
071	22391300-071DW25A	Room 260 - drinking fountain	4.67
072	22391300-072CF25A	Room 260 – classroom faucet	1.51
073	22391300-073BF25A	Room 260 – restroom sink faucet	3.94
074	22391300-074DW25A	Room 261 - drinking fountain	1.61
075	22391300-075CF25A	Room 261 – classroom faucet	0.776
076	22391300-076DW25A	Room 264 - drinking fountain	0.260
077	22391300-077CF25A	Room 264 – classroom faucet	0.555
078	22391300-078DW25A	Room 266 - drinking fountain	0.319
079	22391300-079CF25A	Room 266 – classroom faucet	0.473
080	22391300-080DW25A	Room 267 - drinking fountain	ND
081	22391300-081CF25A	Room 267 – classroom faucet	ND
082	22391300-082DW25A	Room 269 - drinking fountain	0.452
083	22391300-083CF25A	Room 269 – classroom faucet	0.486
084	22391300-084DW25A	Room 272 - drinking fountain	0.295
085	22391300-085CF25A	Room 272 – classroom faucet	0.540
086	22391300-086DW25A	2nd floor corridor, east end drinking fountain - left	ND
087	22391300-087DW25A	2nd floor corridor, east end drinking fountain - right	ND
088	22391300-088BF25A	2nd floor corridor, east end boys restroom sink faucet - left	ND
089	22391300-089BF25A	2nd floor corridor, east end boys restroom sink faucet - right	0.458
090	22391300-090BF25A	2nd floor corridor, east end girls restroom sink faucet - left	ND
091	22391300-091BF25A	2nd floor corridor, east end girls restroom sink faucet - right	ND
092	22391300-092BF25A	2nd floor corridor, east end staff restroom sink faucet	ND
093	22391300-093DW25A	Room 271 - drinking fountain	0.246

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
094	22391300-094CF25A	Room 271 – classroom faucet	0.379
095	22391300-095DW25A	Room 270 - drinking fountain	ND
096	22391300-096CF25A	Room 270 – classroom faucet	0.445
097	22391300-097DW25A	Room 268 - drinking fountain	0.253
098	22391300-098CF25A	Room 268 – classroom faucet	0.752
099	22391300-099DW25A	Room 265 - drinking fountain	ND
100	22391300-0100CF25A	Room 265 – classroom faucet	0.731
101	22391300-0101DW25A	Room 263 - drinking fountain	0.230
102	22391300-0102CF25A	Room 263 – classroom faucet	0.335
103	22391300-0103DW25A	Room 262 - drinking fountain	0.368
104	22391300-0104CF25A	Room 262 – classroom faucet	0.698

ND = no lead detected

Main Building – Round 2

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
033	22391300-033DW25A	Room 166 - drinking fountain	2.35

Main Building – Round 3

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
001	22391300-001KF25B	Kitchen, pot filler faucet – first draw	6.11
001	22391300-001KF25C	Kitchen, pot filler faucet - flush	0.340

Sampling Notes:

1. The initial sample from the kitchen pot filler faucet had a lead concentration of 26.4 ppb. After discussion with the cook at the school, it was discovered that this fixture had not been used for at least two years. The fixture was subsequently flushed and both first draw and flush samples were collected. Analysis of those samples showed lead concentrations were well below 15 ppb.
2. Fixture number 033, the drinking fountain in Room 166, was off during the initial round of sampling. This fixture was sampled after it was turned back on. At the request of the teacher, this fixture was then turned back off.

Please refer to the attached fixture location drawings 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.

Sampling methodology and the interpretation of laboratory results were based on the Environmental Protection Agency guidance document titled *3Ts for Reducing Lead in Drinking Water in Schools*. Following this guideline, PBS collected first draw samples from each test location. First draw samples consist of the first 250 milliliters (mL) of water drawn from a fixture after the water has been sitting stagnant for at least 8 hours. The 3Ts' sampling

protocol specifying 250-mL samples is designed to maximize the likelihood that the highest concentrations of lead in water used for consumption are identified.

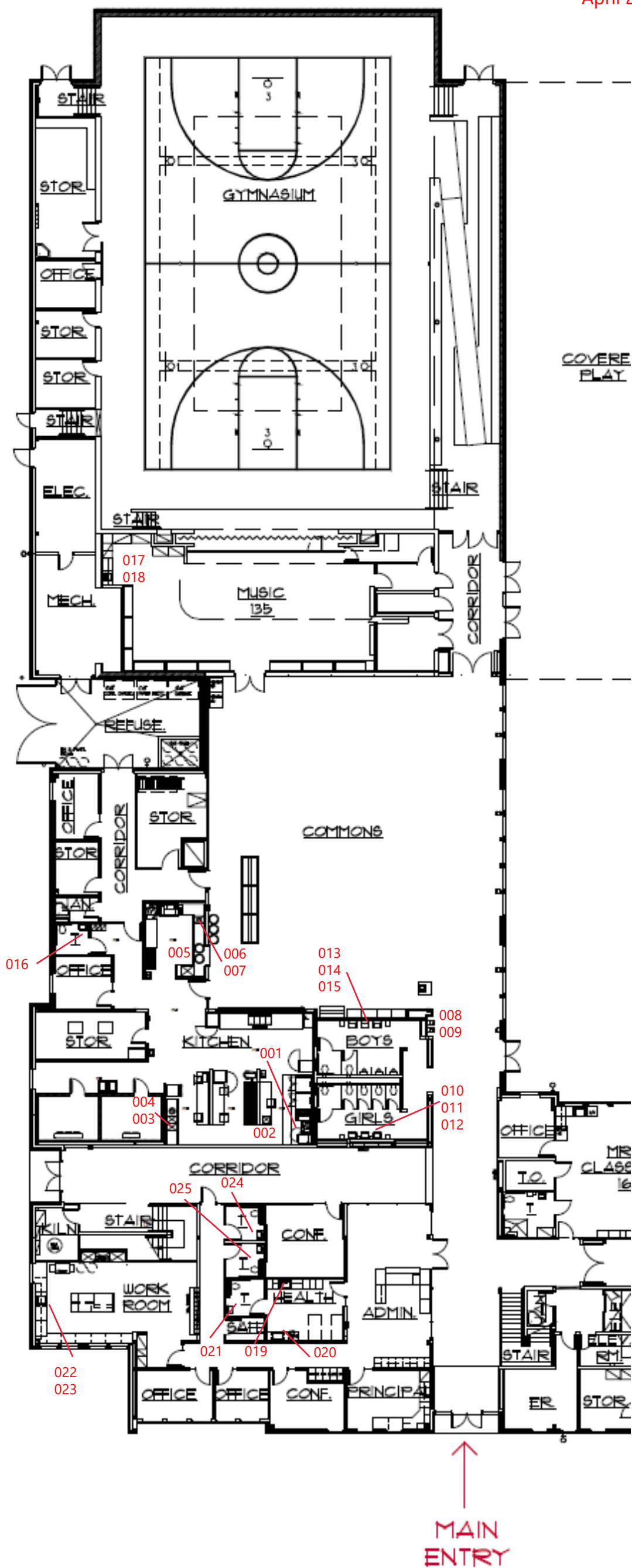
Please feel free to contact me at 503.515.4726 or voeller@pbsusa.com with any questions or comments.

Sincerely,

 Digitally signed by Dale
Voeller, CHMM, CSP
Date: 2025.04.29
07:54:22 -07'00'

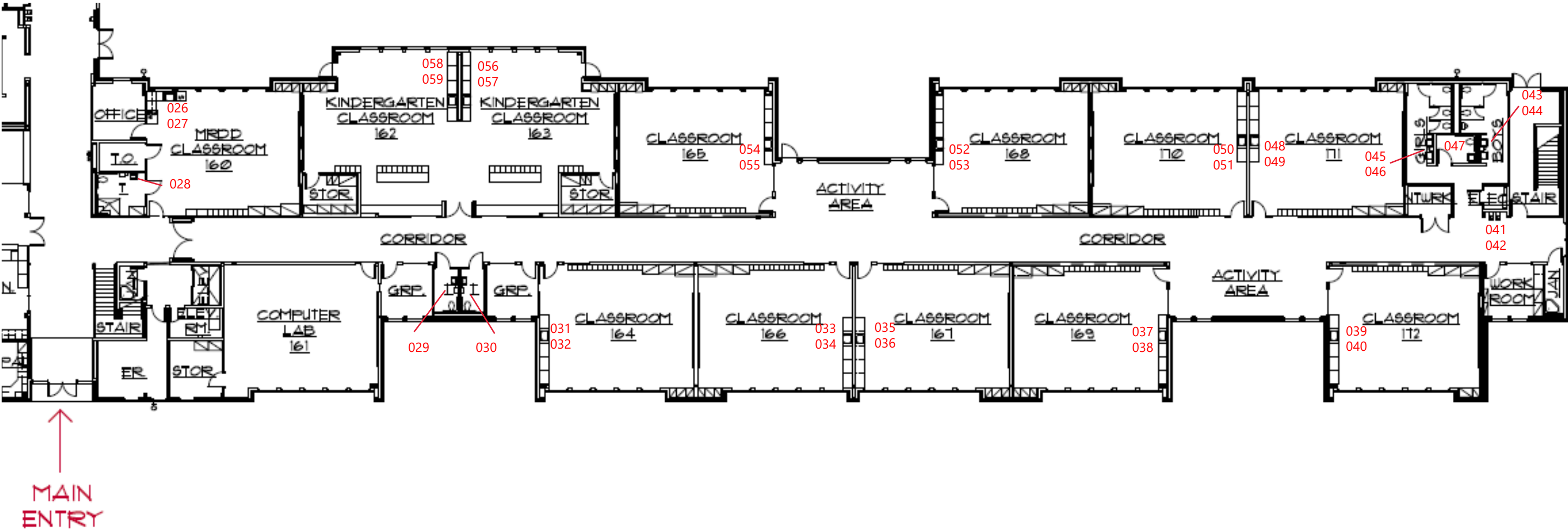
Dale Voeller, CHMM, CSP
Senior Project Manager

Attachments: Sample Location Drawings
Laboratory Analytical Report



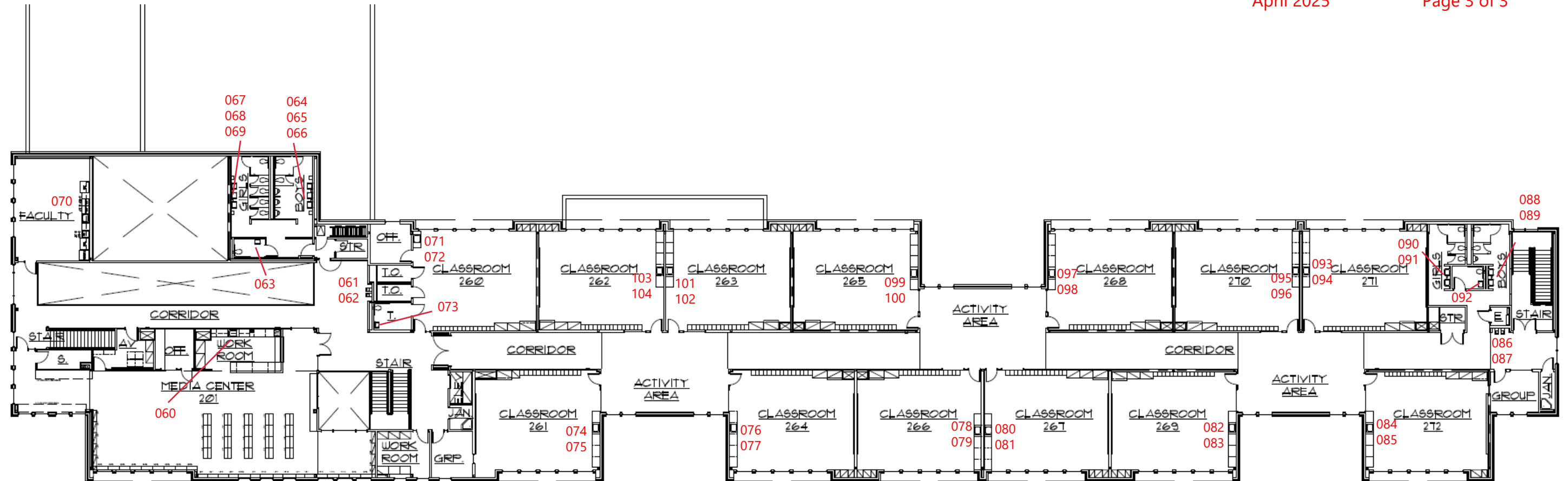
Lincoln Street Elementary School
Fixture Location Drawing
First Floor Classroom Wing

April 2025 Page 2 of 3



April 2025 Page 3 of 3

Page 3 of 3





ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Friday, April 4, 2025

Dale Voeller

PBS Engineering and Environmental

4412 S Corbett Ave

Portland, OR 97239

RE: A5C1553 - Hillsboro School District - Lincoln Street ES/24013061

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 A5C1553, which was received by the laboratory on 3/18/2025 at 12:31:00PM.

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			
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>			
(See Cooler Receipt Form for details)			
Cooler #1	16.8	degC	Cooler #2 17.3 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

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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 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531****ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22391300-001KF25A	A5C1553-01	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-002KF25A	A5C1553-02	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-003KF25A	A5C1553-03	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-004KF25A	A5C1553-04	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-005KF25A	A5C1553-05	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-006KF25A	A5C1553-06	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-007KF25A	A5C1553-07	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-008WB25A	A5C1553-08	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-009DW25A	A5C1553-09	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-010BF25A	A5C1553-10	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-011BF25A	A5C1553-11	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-012BF25A	A5C1553-12	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-013BF25A	A5C1553-13	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-014BF25A	A5C1553-14	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-015BF25A	A5C1553-15	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-016BF25A	A5C1553-16	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-017DW25A	A5C1553-17	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-018CF25A	A5C1553-18	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-019NS25A	A5C1553-19	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-020NS25A	A5C1553-20	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-021BF25A	A5C1553-21	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-022DW25A	A5C1553-22	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-023SF25A	A5C1553-23	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-024BF25A	A5C1553-24	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-025BF25A	A5C1553-25	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-026DW25A	A5C1553-26	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-027CF25A	A5C1553-27	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-028BF25A	A5C1553-28	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-029BF25A	A5C1553-29	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-030BF25A	A5C1553-30	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-031DW25A	A5C1553-31	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-032CF25A	A5C1553-32	Drinking Water	03/15/25 00:00	03/18/25 12:31

Apex Laboratories

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Jason Woodcock, Project Manager

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Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062**PBS Engineering and Environmental**4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531****ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22391300-034CF25A	A5C1553-33	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-035DW25A	A5C1553-34	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-036CF25A	A5C1553-35	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-037DW25A	A5C1553-36	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-038CF25A	A5C1553-37	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-039DW25A	A5C1553-38	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-040CF25A	A5C1553-39	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-041DW25A	A5C1553-40	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-042DW25A	A5C1553-41	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-043BF25A	A5C1553-42	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-044BF25A	A5C1553-43	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-045BF25A	A5C1553-44	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-046BF25A	A5C1553-45	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-047BF25A	A5C1553-46	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-048DW25A	A5C1553-47	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-049CF25A	A5C1553-48	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-050DW25A	A5C1553-49	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-051CF25A	A5C1553-50	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-052DW25A	A5C1553-51	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-053CF25A	A5C1553-52	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-054DW25A	A5C1553-53	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-055CF25A	A5C1553-54	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-056DW25A	A5C1553-55	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-057CF25A	A5C1553-56	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-058DW25A	A5C1553-57	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-059CF25A	A5C1553-58	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-060SF25A	A5C1553-59	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-061DW25A	A5C1553-60	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-062DW25A	A5C1553-61	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-063BF25A	A5C1553-62	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-064BF25A	A5C1553-63	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-065BF25A	A5C1553-64	Drinking Water	03/15/25 00:00	03/18/25 12:31

Apex Laboratories

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Jason Woodcock, Project Manager

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ORELAP ID: OR100062**PBS Engineering and Environmental**4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531****ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22391300-066BF25A	A5C1553-65	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-067BF25A	A5C1553-66	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-068BF25A	A5C1553-67	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-069BF25A	A5C1553-68	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-070SF25A	A5C1553-69	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-071DW25A	A5C1553-70	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-072CF25A	A5C1553-71	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-073BF25A	A5C1553-72	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-074DW25A	A5C1553-73	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-075CF25A	A5C1553-74	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-076DW25A	A5C1553-75	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-077CF25A	A5C1553-76	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-078DW25A	A5C1553-77	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-079CF25A	A5C1553-78	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-080DW25A	A5C1553-79	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-081CF25A	A5C1553-80	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-082DW25A	A5C1553-81	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-083CF25A	A5C1553-82	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-084DW25A	A5C1553-83	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-085CF25A	A5C1553-84	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-086DW25A	A5C1553-85	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-087DW25A	A5C1553-86	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-088BF25A	A5C1553-87	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-089BF25A	A5C1553-88	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-090BF25A	A5C1553-89	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-091BF25A	A5C1553-90	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-092BF25A	A5C1553-91	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-093DW25A	A5C1553-92	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-094CF25A	A5C1553-93	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-095DW25A	A5C1553-94	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-096CF25A	A5C1553-95	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-097DW25A	A5C1553-96	Drinking Water	03/15/25 00:00	03/18/25 12:31

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Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062**PBS Engineering and Environmental**4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531****ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22391300-098CF25A	A5C1553-97	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-099DW25A	A5C1553-98	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-0100CF25A	A5C1553-99	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-0101DW25A	A5C1553-AA	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-0102CF25A	A5C1553-AB	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-0103DW25A	A5C1553-AC	Drinking Water	03/15/25 00:00	03/18/25 12:31
22391300-0104CF25A	A5C1553-AD	Drinking Water	03/15/25 00:00	03/18/25 12:31

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Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller****Report ID:**
A5C1553 - 04 04 25 1531**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
22391300-001KF25A (A5C1553-01) Matrix: Drinking Water								
Batch: 25D0039								
Lead	26.4	---	0.200	ug/L	1	04/02/25 15:07	EPA 200.8	
22391300-002KF25A (A5C1553-02) Matrix: Drinking Water								
Batch: 25D0039								
Lead	0.335	---	0.200	ug/L	1	04/02/25 15:09	EPA 200.8	
22391300-003KF25A (A5C1553-03) Matrix: Drinking Water								
Batch: 25D0039								
Lead	0.770	---	0.200	ug/L	1	04/02/25 15:11	EPA 200.8	
22391300-004KF25A (A5C1553-04) Matrix: Drinking Water								
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:22	EPA 200.8	
22391300-005KF25A (A5C1553-05) Matrix: Drinking Water								
Batch: 25D0062								
Lead	0.250	---	0.200	ug/L	1	04/02/25 15:28	EPA 200.8	
22391300-006KF25A (A5C1553-06) Matrix: Drinking Water								
Batch: 25D0062								
Lead	1.10	---	0.200	ug/L	1	04/02/25 15:30	EPA 200.8	
22391300-007KF25A (A5C1553-07) Matrix: Drinking Water								
Batch: 25D0062								
Lead	0.244	---	0.200	ug/L	1	04/02/25 15:31	EPA 200.8	
22391300-008WB25A (A5C1553-08) Matrix: Drinking Water								
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:33	EPA 200.8	
22391300-009DW25A (A5C1553-09) Matrix: Drinking Water								
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:35	EPA 200.8	

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Project Manager: **Dale Voeller****Report ID:**
A5C1553 - 04 04 25 1531**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
22391300-010BF25A (A5C1553-10)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:41	EPA 200.8	
22391300-011BF25A (A5C1553-11)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	0.321	---	0.200	ug/L	1	04/02/25 15:43	EPA 200.8	
22391300-012BF25A (A5C1553-12)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:45	EPA 200.8	
22391300-013BF25A (A5C1553-13)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:46	EPA 200.8	
22391300-014BF25A (A5C1553-14)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:49	EPA 200.8	
22391300-015BF25A (A5C1553-15)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:51	EPA 200.8	
22391300-016BF25A (A5C1553-16)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 15:53	EPA 200.8	
22391300-017DW25A (A5C1553-17)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	0.760	---	0.200	ug/L	1	04/02/25 15:55	EPA 200.8	
22391300-018CF25A (A5C1553-18)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	0.723	---	0.200	ug/L	1	04/02/25 15:56	EPA 200.8	

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Project Manager: **Dale Voeller****Report ID:**
A5C1553 - 04 04 25 1531**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
22391300-019NS25A (A5C1553-19)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	0.735	---	0.200	ug/L	1	04/02/25 15:58	EPA 200.8	
22391300-020NS25A (A5C1553-20)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:04	EPA 200.8	
22391300-021BF25A (A5C1553-21)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:06	EPA 200.8	
22391300-022DW25A (A5C1553-22)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	2.61	---	0.200	ug/L	1	04/02/25 16:08	EPA 200.8	
22391300-023SF25A (A5C1553-23)				Matrix: Drinking Water				
Batch: 25D0062								
Lead	2.08	---	0.200	ug/L	1	04/02/25 16:09	EPA 200.8	
22391300-024BF25A (A5C1553-24)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:17	EPA 200.8	
22391300-025BF25A (A5C1553-25)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:26	EPA 200.8	
22391300-026DW25A (A5C1553-26)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	0.532	---	0.200	ug/L	1	04/02/25 16:28	EPA 200.8	
22391300-027CF25A (A5C1553-27)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	5.53	---	0.200	ug/L	1	04/02/25 16:30	EPA 200.8	

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Project Number: Lincoln Street ES/24013061
Project Manager: Dale VoellerReport ID:
A5C1553 - 04 04 25 1531

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
22391300-028BF25A (A5C1553-28)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:32	EPA 200.8	
22391300-029BF25A (A5C1553-29)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:34	EPA 200.8	
22391300-030BF25A (A5C1553-30)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	0.580	---	0.200	ug/L	1	04/02/25 16:36	EPA 200.8	
22391300-031DW25A (A5C1553-31)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	0.437	---	0.200	ug/L	1	04/02/25 16:38	EPA 200.8	
22391300-032CF25A (A5C1553-32)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:40	EPA 200.8	
22391300-034CF25A (A5C1553-33)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	1.86	---	0.200	ug/L	1	04/02/25 16:41	EPA 200.8	
22391300-035DW25A (A5C1553-34)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:43	EPA 200.8	
22391300-036CF25A (A5C1553-35)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	0.692	---	0.200	ug/L	1	04/02/25 16:49	EPA 200.8	
22391300-037DW25A (A5C1553-36)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	0.221	---	0.200	ug/L	1	04/02/25 16:51	EPA 200.8	

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Project Manager: Dale VoellerReport ID:
A5C1553 - 04 04 25 1531

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
22391300-038CF25A (A5C1553-37)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	0.943	---	0.200	ug/L	1	04/02/25 16:53	EPA 200.8	
22391300-039DW25A (A5C1553-38)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	0.822	---	0.200	ug/L	1	04/02/25 16:55	EPA 200.8	
22391300-040CF25A (A5C1553-39)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:56	EPA 200.8	
22391300-041DW25A (A5C1553-40)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 16:58	EPA 200.8	
22391300-042DW25A (A5C1553-41)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:00	EPA 200.8	
22391300-043BF25A (A5C1553-42)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:02	EPA 200.8	
22391300-044BF25A (A5C1553-43)				Matrix: Drinking Water				
Batch: 25D0063								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:04	EPA 200.8	
22391300-045BF25A (A5C1553-44)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:15	EPA 200.8	
22391300-046BF25A (A5C1553-45)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:21	EPA 200.8	

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A5C1553 - 04 04 25 1531**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
22391300-047BF25A (A5C1553-46)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:23	EPA 200.8	
22391300-048DW25A (A5C1553-47)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:25	EPA 200.8	
22391300-049CF25A (A5C1553-48)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	0.420	---	0.200	ug/L	1	04/02/25 17:27	EPA 200.8	
22391300-050DW25A (A5C1553-49)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	0.250	---	0.200	ug/L	1	04/02/25 17:28	EPA 200.8	
22391300-051CF25A (A5C1553-50)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	1.04	---	0.200	ug/L	1	04/02/25 17:34	EPA 200.8	
22391300-052DW25A (A5C1553-51)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	0.238	---	0.200	ug/L	1	04/02/25 17:36	EPA 200.8	
22391300-053CF25A (A5C1553-52)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	0.517	---	0.200	ug/L	1	04/02/25 17:38	EPA 200.8	
22391300-054DW25A (A5C1553-53)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	1.74	---	0.200	ug/L	1	04/02/25 17:40	EPA 200.8	
22391300-055CF25A (A5C1553-54)				Matrix: Drinking Water				
Batch: 25D0072								
Lead	0.824	---	0.200	ug/L	1	04/02/25 17:42	EPA 200.8	

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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
22391300-056DW25A (A5C1553-55) Matrix: Drinking Water								
Batch: 25D0072								
Lead	0.291	---	0.200	ug/L	1	04/02/25 17:43	EPA 200.8	
22391300-057CF25A (A5C1553-56) Matrix: Drinking Water								
Batch: 25D0072								
Lead	1.11	---	0.200	ug/L	1	04/02/25 17:45	EPA 200.8	
22391300-058DW25A (A5C1553-57) Matrix: Drinking Water								
Batch: 25D0072								
Lead	0.429	---	0.200	ug/L	1	04/02/25 17:47	EPA 200.8	
22391300-059CF25A (A5C1553-58) Matrix: Drinking Water								
Batch: 25D0072								
Lead	0.692	---	0.200	ug/L	1	04/02/25 17:49	EPA 200.8	
22391300-060SF25A (A5C1553-59) Matrix: Drinking Water								
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:51	EPA 200.8	
22391300-061DW25A (A5C1553-60) Matrix: Drinking Water								
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:57	EPA 200.8	
22391300-062DW25A (A5C1553-61) Matrix: Drinking Water								
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 17:59	EPA 200.8	
22391300-063BF25A (A5C1553-62) Matrix: Drinking Water								
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 18:01	EPA 200.8	
22391300-064BF25A (A5C1553-63) Matrix: Drinking Water								
Batch: 25D0072								
Lead	ND	---	0.200	ug/L	1	04/02/25 18:03	EPA 200.8	

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A5C1553 - 04 04 25 1531**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
22391300-065BF25A (A5C1553-64)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	ND	---	0.200	ug/L	1	04/03/25 13:29	EPA 200.8	
22391300-066BF25A (A5C1553-65)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	ND	---	0.200	ug/L	1	04/03/25 13:34	EPA 200.8	
22391300-067BF25A (A5C1553-66)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	ND	---	0.200	ug/L	1	04/03/25 13:36	EPA 200.8	
22391300-068BF25A (A5C1553-67)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	0.209	---	0.200	ug/L	1	04/03/25 13:38	EPA 200.8	
22391300-069BF25A (A5C1553-68)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	ND	---	0.200	ug/L	1	04/03/25 13:40	EPA 200.8	
22391300-070SF25A (A5C1553-69)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	ND	---	0.200	ug/L	1	04/03/25 13:42	EPA 200.8	
22391300-071DW25A (A5C1553-70)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	4.67	---	0.200	ug/L	1	04/03/25 13:47	EPA 200.8	
22391300-072CF25A (A5C1553-71)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	1.51	---	0.200	ug/L	1	04/03/25 13:49	EPA 200.8	
22391300-073BF25A (A5C1553-72)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	3.94	---	0.200	ug/L	1	04/03/25 13:51	EPA 200.8	

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Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062**PBS Engineering and Environmental**
4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**
Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller****Report ID:**
A5C1553 - 04 04 25 1531**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
22391300-074DW25A (A5C1553-73) Matrix: Drinking Water								
Batch: 25D0113								
Lead	1.61	---	0.200	ug/L	1	04/03/25 13:53	EPA 200.8	
22391300-075CF25A (A5C1553-74) Matrix: Drinking Water								
Batch: 25D0113								
Lead	0.776	---	0.200	ug/L	1	04/03/25 13:55	EPA 200.8	
22391300-076DW25A (A5C1553-75) Matrix: Drinking Water								
Batch: 25D0113								
Lead	0.260	---	0.200	ug/L	1	04/03/25 13:56	EPA 200.8	
22391300-077CF25A (A5C1553-76) Matrix: Drinking Water								
Batch: 25D0113								
Lead	0.555	---	0.200	ug/L	1	04/03/25 13:58	EPA 200.8	
22391300-078DW25A (A5C1553-77) Matrix: Drinking Water								
Batch: 25D0113								
Lead	0.319	---	0.200	ug/L	1	04/03/25 14:00	EPA 200.8	
22391300-079CF25A (A5C1553-78) Matrix: Drinking Water								
Batch: 25D0113								
Lead	0.473	---	0.200	ug/L	1	04/03/25 14:02	EPA 200.8	
22391300-080DW25A (A5C1553-79) Matrix: Drinking Water								
Batch: 25D0113								
Lead	ND	---	0.200	ug/L	1	04/03/25 14:04	EPA 200.8	
22391300-081CF25A (A5C1553-80) Matrix: Drinking Water								
Batch: 25D0113								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:03	EPA 200.8	
22391300-082DW25A (A5C1553-81) Matrix: Drinking Water								
Batch: 25D0113								
Lead	0.452	---	0.200	ug/L	1	04/03/25 16:05	EPA 200.8	

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Project Manager: **Dale Voeller****Report ID:**
A5C1553 - 04 04 25 1531**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
22391300-083CF25A (A5C1553-82)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	0.486	---	0.200	ug/L	1	04/03/25 16:07	EPA 200.8	
22391300-084DW25A (A5C1553-83)				Matrix: Drinking Water				
Batch: 25D0113								
Lead	0.295	---	0.200	ug/L	1	04/03/25 16:09	EPA 200.8	
22391300-085CF25A (A5C1553-84)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.540	---	0.200	ug/L	1	04/03/25 16:16	EPA 200.8	
22391300-086DW25A (A5C1553-85)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:25	EPA 200.8	
22391300-087DW25A (A5C1553-86)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:27	EPA 200.8	
22391300-088BF25A (A5C1553-87)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:29	EPA 200.8	
22391300-089BF25A (A5C1553-88)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.458	---	0.200	ug/L	1	04/03/25 16:31	EPA 200.8	
22391300-090BF25A (A5C1553-89)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:33	EPA 200.8	
22391300-091BF25A (A5C1553-90)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:35	EPA 200.8	

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Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531**

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
22391300-092BF25A (A5C1553-91)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:36	EPA 200.8	
22391300-093DW25A (A5C1553-92)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.246	---	0.200	ug/L	1	04/03/25 16:38	EPA 200.8	
22391300-094CF25A (A5C1553-93)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.379	---	0.200	ug/L	1	04/03/25 16:40	EPA 200.8	
22391300-095DW25A (A5C1553-94)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:42	EPA 200.8	
22391300-096CF25A (A5C1553-95)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.445	---	0.200	ug/L	1	04/03/25 16:47	EPA 200.8	
22391300-097DW25A (A5C1553-96)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.253	---	0.200	ug/L	1	04/03/25 16:49	EPA 200.8	
22391300-098CF25A (A5C1553-97)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.752	---	0.200	ug/L	1	04/03/25 16:51	EPA 200.8	
22391300-099DW25A (A5C1553-98)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	ND	---	0.200	ug/L	1	04/03/25 16:53	EPA 200.8	
22391300-0100CF25A (A5C1553-99)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.731	---	0.200	ug/L	1	04/03/25 16:55	EPA 200.8	

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Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5C1553 - 04 04 25 1531

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
22391300-0101DW25A (A5C1553-AA)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.230	---	0.200	ug/L	1	04/03/25 16:57	EPA 200.8	
22391300-0102CF25A (A5C1553-AB)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.335	---	0.200	ug/L	1	04/03/25 16:59	EPA 200.8	
22391300-0103DW25A (A5C1553-AC)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.368	---	0.200	ug/L	1	04/03/25 17:00	EPA 200.8	
22391300-0104CF25A (A5C1553-AD)				Matrix: Drinking Water				
Batch: 25D0117								
Lead	0.698	---	0.200	ug/L	1	04/03/25 17:02	EPA 200.8	

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Portland, OR 97239Project: Hillsboro School District
Project Number: Lincoln Street ES/24013061
Project Manager: Dale VoellerReport ID:
A5C1553 - 04 04 25 1531

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 25D0039 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0039-BLK1)		Prepared: 04/01/25 14:18			Analyzed: 04/02/25 14:21							
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0039-BS1)		Prepared: 04/01/25 14:18			Analyzed: 04/02/25 14:23							
<u>EPA 200.8</u>												
Lead	14.9	---	0.201	ug/L	1	15.0	---	100	85 - 115%	---	---	
Matrix Spike (25D0039-MS2)		Prepared: 04/01/25 14:18			Analyzed: 04/02/25 15:13							
<u>QC Source Sample: 22391300-003KF25A (A5C1553-03)</u>												
<u>EPA 200.8</u>												
Lead	15.0	---	0.201	ug/L	1	15.0	0.770	95	70 - 130%	---	---	
Batch 25D0062 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0062-BLK1)		Prepared: 04/02/25 06:56			Analyzed: 04/02/25 15:18							
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0062-BS1)		Prepared: 04/02/25 06:56			Analyzed: 04/02/25 15:20							
<u>EPA 200.8</u>												
Lead	15.0	---	0.201	ug/L	1	15.0	---	100	85 - 115%	---	---	
Duplicate (25D0062-DUP1)		Prepared: 04/02/25 06:56			Analyzed: 04/02/25 15:24							
<u>QC Source Sample: 22391300-004KF25A (A5C1553-04)</u>												
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Matrix Spike (25D0062-MS1)		Prepared: 04/02/25 06:56			Analyzed: 04/02/25 15:26							
<u>QC Source Sample: 22391300-004KF25A (A5C1553-04)</u>												
<u>EPA 200.8</u>												
Lead	14.4	---	0.201	ug/L	1	15.0	ND	96	70 - 130%	---	---	
Matrix Spike (25D0062-MS2)		Prepared: 04/02/25 06:56			Analyzed: 04/02/25 16:11							
<u>QC Source Sample: 22391300-023SF25A (A5C1553-23)</u>												

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PBS Engineering and Environmental
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Portland, OR 97239

Project: **Hillsboro School District**
Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5C1553 - 04 04 25 1531

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 25D0062 - EPA 200.8 Direct Analysis							Drinking Water					
Matrix Spike (25D0062-MS2)		Prepared: 04/02/25 06:56 Analyzed: 04/02/25 16:11										
QC Source Sample: 22391300-023SF25A (A5C1553-23)												
EPA 200.8												
Lead	16.4	---	0.201	ug/L	1	15.0	2.08	96	70 - 130%	---	---	

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Portland, OR 97239Project: Hillsboro School District
Project Number: Lincoln Street ES/24013061
Project Manager: Dale VoellerReport ID:
A5C1553 - 04 04 25 1531

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 25D0063 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0063-BLK1)		Prepared: 04/02/25 07:30 Analyzed: 04/02/25 16:13										
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0063-BS1)		Prepared: 04/02/25 07:30 Analyzed: 04/02/25 16:15										
EPA 200.8												
Lead	14.6	---	0.201	ug/L	1	15.0	---	97	85 - 115%	---	---	
Duplicate (25D0063-DUP1)		Prepared: 04/02/25 07:30 Analyzed: 04/02/25 16:19										
QC Source Sample: 22391300-024BF25A (A5C1553-24)												
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Matrix Spike (25D0063-MS1)		Prepared: 04/02/25 07:30 Analyzed: 04/02/25 16:21										
QC Source Sample: 22391300-024BF25A (A5C1553-24)												
EPA 200.8												
Lead	14.8	---	0.201	ug/L	1	15.0	ND	98	70 - 130%	---	---	
Matrix Spike (25D0063-MS2)		Prepared: 04/02/25 07:30 Analyzed: 04/02/25 17:06										
QC Source Sample: 22391300-044BF25A (A5C1553-43)												
EPA 200.8												
Lead	15.5	---	0.201	ug/L	1	15.0	ND	103	70 - 130%	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25D0072 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0072-BLK1)		Prepared: 04/02/25 09:05		Analyzed: 04/02/25 17:11								
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0072-BS1)		Prepared: 04/02/25 09:05		Analyzed: 04/02/25 17:13								
EPA 200.8												
Lead	14.6	---	0.201	ug/L	1	15.0	---	97	85 - 115%	---	---	
Duplicate (25D0072-DUP1)		Prepared: 04/02/25 09:05		Analyzed: 04/02/25 17:17								
QC Source Sample: 22391300-045BF25A (A5C1553-44)												
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Matrix Spike (25D0072-MS1)		Prepared: 04/02/25 09:05		Analyzed: 04/02/25 17:19								
QC Source Sample: 22391300-045BF25A (A5C1553-44)												
EPA 200.8												
Lead	28.6	---	0.202	ug/L	1	30.0	ND	95	70 - 130%	---	---	
Matrix Spike (25D0072-MS2)		Prepared: 04/02/25 09:05		Analyzed: 04/02/25 18:04								
QC Source Sample: 22391300-064BF25A (A5C1553-63)												
EPA 200.8												
Lead	14.4	---	0.201	ug/L	1	15.0	0.121	95	70 - 130%	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25D0113 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0113-BLK1)		Prepared: 04/02/25 16:03		Analyzed: 04/03/25 13:25								
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0113-BS1)		Prepared: 04/02/25 16:03		Analyzed: 04/03/25 13:27								
EPA 200.8												
Lead	14.8	---	0.201	ug/L	1	15.0	---	99	85 - 115%	---	---	
Duplicate (25D0113-DUP1)		Prepared: 04/02/25 16:03		Analyzed: 04/03/25 13:31								
QC Source Sample: 22391300-065BF25A (A5C1553-64)												
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Matrix Spike (25D0113-MS1)		Prepared: 04/02/25 16:03		Analyzed: 04/03/25 13:33								
QC Source Sample: 22391300-065BF25A (A5C1553-64)												
EPA 200.8												
Lead	14.9	---	0.201	ug/L	1	15.0	ND	99	70 - 130%	---	---	
Matrix Spike (25D0113-MS2)		Prepared: 04/02/25 16:03		Analyzed: 04/03/25 16:11								
QC Source Sample: 22391300-084DW25A (A5C1553-83)												
EPA 200.8												
Lead	15.0	---	0.201	ug/L	1	15.0	0.295	98	70 - 130%	---	---	

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Project Manager: **Dale Voeller****Report ID:**
A5C1553 - 04 04 25 1531**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 25D0117 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0117-BLK1)		Prepared: 04/02/25 17:15			Analyzed: 04/03/25 16:12							
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0117-BS1)		Prepared: 04/02/25 17:15			Analyzed: 04/03/25 16:14							
EPA 200.8												
Lead	15.1	---	0.201	ug/L	1	15.0	---	101	85 - 115%	---	---	
Duplicate (25D0117-DUP1)		Prepared: 04/02/25 17:15			Analyzed: 04/03/25 16:18							
QC Source Sample: 22391300-085CF25A (A5C1553-84)												
EPA 200.8												
Lead	0.525	---	0.200	ug/L	1	---	0.540	---	---	3	20%	
Matrix Spike (25D0117-MS1)		Prepared: 04/02/25 17:15			Analyzed: 04/03/25 16:20							
QC Source Sample: 22391300-085CF25A (A5C1553-84)												
EPA 200.8												
Lead	15.4	---	0.201	ug/L	1	15.0	0.540	99	70 - 130%	---	---	
Matrix Spike (25D0117-MS2)		Prepared: 04/02/25 17:15			Analyzed: 04/03/25 17:04							
QC Source Sample: 22391300-0104CF25A (A5C1553-AD)												
EPA 200.8												
Lead	15.5	---	0.201	ug/L	1	15.0	0.698	98	70 - 130%	---	---	

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PBS Engineering and Environmental4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531****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: 25D0039</u>							
A5C1553-01	Drinking Water	EPA 200.8	03/15/25 00:00	04/01/25 14:18	10mL/10mL	10mL/10mL	1.00
A5C1553-02	Drinking Water	EPA 200.8	03/15/25 00:00	04/01/25 14:18	10mL/10mL	10mL/10mL	1.00
A5C1553-03	Drinking Water	EPA 200.8	03/15/25 00:00	04/01/25 14:18	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0062</u>							
A5C1553-04	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-05	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-06	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-07	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-08	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-09	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-10	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-11	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-12	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-13	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-14	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-15	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-16	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-17	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-18	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-19	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-20	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-21	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-22	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
A5C1553-23	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 06:56	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0063</u>							
A5C1553-24	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-25	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-26	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-27	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-28	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-29	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-30	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-31	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-32	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-33	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00

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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 Environmental4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531****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
A5C1553-34	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-35	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-36	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-37	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-38	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-39	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-40	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-41	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-42	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1553-43	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 07:30	10mL/10mL	10mL/10mL	1.00

Batch: 25D0072

A5C1553-44	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-45	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-46	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-47	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-48	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-49	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-50	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-51	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-52	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-53	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-54	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-55	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-56	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-57	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-58	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-59	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-60	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-61	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-62	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00
A5C1553-63	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 09:05	10mL/10mL	10mL/10mL	1.00

Batch: 25D0113

A5C1553-64	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-65	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-66	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-67	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00

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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: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1553 - 04 04 25 1531****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
A5C1553-68	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-69	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-70	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-71	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-72	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-73	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-74	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-75	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-76	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-77	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-78	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-79	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-80	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-81	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-82	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
A5C1553-83	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 16:03	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0117</u>							
A5C1553-84	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-85	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-86	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-87	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-88	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-89	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-90	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-91	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-92	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-93	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-94	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-95	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-96	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-97	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-98	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-99	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-AA	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-AB	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-AC	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00
A5C1553-AD	Drinking Water	EPA 200.8	03/15/25 00:00	04/02/25 17:15	10mL/10mL	10mL/10mL	1.00

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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: Hillsboro School District

Project Number: Lincoln Street ES/24013061

Project Manager: Dale Voeller

Report ID:

A5C1553 - 04 04 25 1531

SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Prep: EPA 200.8 Direct Analysis

					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor

Apex Laboratories

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

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Portland, OR 97239

Project: Hillsboro School District

Project Number: Lincoln Street ES/24013061

Project Manager: Dale Voeller

Report ID:

A5C1553 - 04 04 25 1531

QUALIFIER DEFINITIONS

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

There are No Qualifiers on Sample or QC Data for this report

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

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

Project: **Hillsboro School District**
Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5C1553 - 04 04 25 1531

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 and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

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).

Apex Laboratories

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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: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1553 - 04 04 25 1531

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).

Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

-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.

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.

Benzofluoranthene Isomer Reporting:

Due to coelutions present on the analytical column, the results reported for Benzo(b+j)fluoranthene(s) represent the concentration of both the Benzo(b)fluoranthene and Benzo(j)fluoranthene isomers. Calibration, validation and accreditation are based on the Benzo(b)fluoranthene isomer.

Apex Laboratories

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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: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1553 - 04 04 25 1531

Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses.

In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

Apex Laboratories

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Jason Woodcock, Project Manager



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PBS Engineering and Environmental
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Project: **Hillsboro School District**
Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5C1553 - 04 04 25 1531

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
--------	----------	--------	---------	--------	---------------

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

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Jason Woodcock, Project Manager



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Project: **Hillsboro School District**

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Project Manager: **Dale Voeller**

Report ID:

A5C1553 - 04 04 25 1531

A5C1553

Lead in Drinking Water Testing Program

Date Collected: March 15, 2025

PBS Project: 24013061 / 0001

School Name: Lincoln Street ES - Round 1

Building: Main Building

Building Number: 22391300

Analysis Requested: Lead (Pb) in Drinking Water

Email Results To: voeller@pbsusa.com

Turnaround Time: 10-day

	Fixture Number	Sample Number	Room / Location
1	001	22391300-001KF25A	Kitchen, pot filler
2	002	22391300-002KF25A	Kitchen, south island prep sink faucet
3	003	22391300-003KF25A	Kitchen, north wall, double sink faucet
4	004	22391300-004KF25A	Kitchen, north wall, double sink sprayer
5	005	22391300-005KF25A	Scullery, sanitizing sink sprayer
6	006	22391300-006KF25A	Scullery, sink at dishwasher - faucet
7	007	22391300-007KF25A	Scullery, sink at dishwasher - sprayer
8	008	22391300-008WB25A	Cafeteria water bottle filler
9	009	22391300-009DW25A	Cafeteria drinking fountain
10	010	22391300-010BF25A	Cafeteria, girls restroom sink faucets - left
11	011	22391300-011BF25A	Cafeteria, girls restroom sink faucets - center
12	012	22391300-012BF25A	Cafeteria, girls restroom sink faucets - right
13	013	22391300-013BF25A	Cafeteria, boys restroom sink faucets - left
14	014	22391300-014BF25A	Cafeteria, boys restroom sink faucets - center
15	015	22391300-015BF25A	Cafeteria, boys restroom sink faucets - right
16	016	22391300-016BF25A	Kitchen restroom sink faucet
17	017	22391300-017DW25A	Room 135 - drinking fountain
18	018	22391300-018CF25A	Room 135 - classroom faucet
19	019	22391300-019NS25A	Health Room - north faucet
20	020	22391300-020NS25A	Health Room - south faucet

1 of 4

Apex Laboratories

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

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Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1553 - 04 04 25 1531

Lead in Drinking Water Testing Program

A5C1553
Hillsboro School District

Date Collected: 3/15/25

School Name: Lincoln Street Elementary School

	Fixture Number	Sample Number	Room / Location
21	021	22391300-021BF25A	Health Room restroom sink faucet
22	022	22391300-022DW25A	Main office workroom drinking fountain
23	023	22391300-023SF25A	Main office workroom sink faucet
24	024	22391300-024BF25A	Main office, left staff restroom sink faucet
25	025	22391300-025BF25A	Main office, right staff restroom sink faucet
26	026	22391300-026DW25A	Room 160 - drinking fountain
27	027	22391300-027CF25A	Room 160 - classroom faucet
28	028	22391300-028BF25A	Room 160 - restroom sink faucet
29	029	22391300-029BF25A	1 st floor corridor, west end restrooms - right restroom
30	030	22391300-030BF25A	1 st floor corridor, west end restrooms - left restroom
31	031	22391300-031DW25A	Room 164 - drinking fountain
32	032	22391300-032CF25A	Room 164 - classroom faucet
33	033		Room 166 - drinking fountain (NOT WORKING)
34	034	22391300-034CF25A	Room 166 - classroom faucet
35	035	22391300-035DW25A	Room 167 - drinking fountain
36	036	22391300-036CF25A	Room 167 - classroom faucet
37	037	22391300-037DW25A	Room 169 - drinking fountain
38	038	22391300-038CF25A	Room 169 - classroom faucet
39	039	22391300-039DW25A	Room 172 - drinking fountain
40	040	22391300-040CF25A	Room 172 - classroom faucet
41	041	22391300-041DW25A	1 st floor corridor, east end drinking fountains - left
42	042	22391300-042DW25A	1 st floor corridor, east end drinking fountains - right
43	043	22391300-043BF25A	1 st floor corridor, east end boys restroom - left restroom
44	044	22391300-044BF25A	1 st floor corridor, east end boys restroom - right restroom
45	045	22391300-045BF25A	1 st floor corridor, east end girls restroom - left restroom
46	046	22391300-046BF25A	1 st floor corridor, east end girls restroom - right restroom
47	047	22391300-047BF25A	1 st floor corridor, east end - staff restroom
48	048	22391300-048DW25A	Room 171 - drinking fountain
49	049	22391300-049CF25A	Room 171 - classroom faucet
50	050	22391300-050DW25A	Room 170 - drinking fountain



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Apex Laboratories

Jason Woodcock, Project Manager

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PBS Engineering and Environmental

 4412 S Corbett Ave
 Portland, OR 97239

 Project: **Hillsboro School District**

 Project Number: **Lincoln Street ES/24013061**

 Project Manager: **Dale Voeller**
Report ID:
A5C1553 - 04 04 25 1531

Lead in Drinking Water Testing Program

 ASCIES3
 Hillsboro School District

 Date Collected: 3/15/25

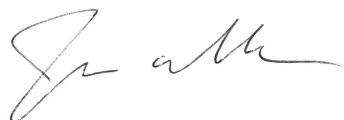
 School Name: Lincoln Street Elementary School

	Fixture Number	Sample Number	Room / Location
51	051	22391300-051CF25A	Room 170 – classroom faucet
52	052	22391300-052DW25A	Room 168 – drinking fountain
53	053	22391300-053CF25A	Room 168 – classroom faucet
54	054	22391300-054DW25A	Room 165 – drinking fountain
55	055	22391300-055CF25A	Room 165 – classroom faucet
56	056	22391300-056DW25A	Room 163 – drinking fountain
57	057	22391300-057CF25A	Room 163 – classroom faucet
58	058	22391300-058DW25A	Room 162 – drinking fountain
59	059	22391300-059CF25A	Room 162 – classroom faucet
60	060	22391300-060SF25A	Media Center workroom sink faucet
61	061	22391300-061DW25A	2 nd floor corridor, west end drinking fountain - left
62	062	22391300-062DW25A	2 nd floor corridor, west end drinking fountain - right
63	063	22391300-063BF25A	2 nd floor corridor, west end, staff restroom
64	064	22391300-064BF25A	2 nd floor corridor, west end, boys restroom - left
65	065	22391300-065BF25A	2 nd floor corridor, west end, boys restroom - center
66	066	22391300-066BF25A	2 nd floor corridor, west end, boys restroom - right
67	067	22391300-067BF25A	2 nd floor corridor, west end, girls restroom - left
68	068	22391300-068BF25A	2 nd floor corridor, west end, girls restroom - center
69	069	22391300-069BF25A	2 nd floor corridor, west end, girls restroom - right
70	070	22391300-070SF25A	2 nd floor faculty room sink faucet
71	071	22391300-071DW25A	Room 260 – drinking fountain
72	072	22391300-072CF25A	Room 260 – classroom faucet
73	073	22391300-073BF25A	Room 260 – restroom sink faucet
74	074	22391300-074DW25A	Room 261 – drinking fountain
75	075	22391300-075CF25A	Room 261 – classroom faucet
76	076	22391300-076DW25A	Room 264 – drinking fountain
77	077	22391300-077CF25A	Room 264 – classroom faucet
78	078	22391300-078DW25A	Room 266 – drinking fountain
79	079	22391300-079CF25A	Room 266 – classroom faucet
80	080	22391300-080DW25A	Room 267 – drinking fountain



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Apex Laboratories



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Jason Woodcock, Project Manager

PBS Engineering and Environmental

 4412 S Corbett Ave
 Portland, OR 97239

 Project: **Hillsboro School District**

 Project Number: **Lincoln Street ES/24013061**

 Project Manager: **Dale Voeller**
Report ID:
A5C1553 - 04 04 25 1531

Lead in Drinking Water Testing Program

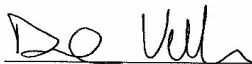
 A5C1553
 Hillsboro School District

 Date Collected: 3/15/25

 School Name: Lincoln Street Elementary School

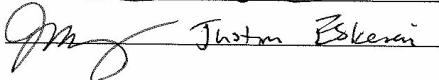
	Fixture Number	Sample Number	Room / Location
81	081	22391300-081CF25A	Room 267 - classroom faucet
82	082	22391300-082DW25A	Room 269 - drinking fountain
83	083	22391300-083CF25A	Room 269 - classroom faucet
84	084	22391300-084DW25A	Room 272 - drinking fountain
85	085	22391300-085CF25A	Room 272 - classroom faucet
86	086	22391300-086DW25A	2 nd floor corridor, east end drinking fountain - left
87	087	22391300-087DW25A	2 nd floor corridor, east end drinking fountain - right
88	088	22391300-088BF25A	2 nd floor corridor, east end boys restroom sink faucet - left
89	089	22391300-089BF25A	2 nd floor corridor, east end boys restroom sink faucet - right
90	090	22391300-090BF25A	2 nd floor corridor, east end girls restroom sink faucet - left
91	091	22391300-091BF25A	2 nd floor corridor, east end girls restroom sink faucet - right
92	092	22391300-092BF25A	2 nd floor corridor, east end staff restroom sink faucet
93	093	22391300-093DW25A	Room 271 - drinking fountain
94	094	22391300-094CF25A	Room 271 - classroom faucet
95	095	22391300-095DW25A	Room 270 - drinking fountain
96	096	22391300-096CF25A	Room 270 - classroom faucet
97	097	22391300-097DW25A	Room 268 - drinking fountain
98	098	22391300-098CF25A	Room 268 - classroom faucet
99	099	22391300-099DW25A	Room 265 - drinking fountain
100	100	22391300-0100CF25A	Room 265 - classroom faucet
101	101	22391300-0101DW25A	Room 263 - drinking fountain
102	102	22391300-0102CF25A	Room 263 - classroom faucet
103	103	22391300-0103DW25A	Room 262 - drinking fountain
104	104	22391300-0104CF25A	Room 262 - classroom faucet

Relinquished By/Signature



 Date/Time: 3/18/25 @ 11:53 AM

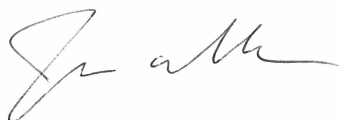
Received By/Signature:



 Date/Time: 3/18/25 1231


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Apex Laboratories



Jason Woodcock, Project Manager

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PBS Engineering and Environmental

4412 S Corbett Ave

Portland, OR 97239

Project: Hillsboro School District

Project Number: Lincoln Street ES/24013061

Project Manager: Dale Voeller

Report ID:

A5C1553 - 04 04 25 1531

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A5C1553

Project/Project #: Lincoln Street ES - Round 1 #24013061
new for JPE 3/18/25

Delivery Info:

Date/time received: 3/18/25 @ 1231 By: JPE

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

From USDA Regulated Origin? Yes ☐ No ☒

Cooler Inspection Date/time inspected: 3/18/25 @ 1324 By: JPE

Chain of Custody included? Yes ☒ No ☐

Signed/dated by client? Yes ☒ No ☐

Contains USDA Reg. Soils? Yes ☐ No ☒ Unsure (email RegSoils) ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	16.8	17.3					
Custody seals? (Y/N)	N	N					
Received on ice? (Y/N)	N	N					
Temp. blanks? (Y/N)	N	N					
Ice type: (Gel/Real/Other)	None	None					
Condition (In/Out):	out	out					

Cooler out of temp? ☒ 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: 3/18/25 @ 1415 By: JPE

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 ☐ pH ID: A23172

Comments:

Labeled by:

JPE

Witness:

JPE

Cooler Inspected by:

JPE

Form Y-003 R-02



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Monday, April 7, 2025

Dale Voeller

PBS Engineering and Environmental

4412 S Corbett Ave

Portland, OR 97239

RE: A5C1978 - Hillsboro School District - Lincoln Street ES/24013061

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 A5C1978, which was received by the laboratory on 3/28/2025 at 9:54:00AM.

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			
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>			
(See Cooler Receipt Form for details)			
Default Cooler	19.3	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.



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Jason Woodcock, Project Manager



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PBS Engineering and Environmental

4412 S Corbett Ave
Portland, OR 97239

Project: Hillsboro School District

Project Number: Lincoln Street ES/24013061

Project Manager: Dale Voeller

Report ID:

A5C1978 - 04 07 25 1653

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22391300-033DW25A	A5C1978-01	Drinking Water	03/22/25 00:00	03/28/25 09:54

Apex Laboratories

Jason Woodcock, Project Manager

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Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1978 - 04 07 25 1653****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
22391300-033DW25A (A5C1978-01)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	2.35	---	0.200	ug/L	1	04/04/25 15:28	EPA 200.8	

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503-718-2323
ORELAP ID: OR100062**PBS Engineering and Environmental**
4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**
Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller****Report ID:**
A5C1978 - 04 07 25 1653**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 25D0179 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0179-BLK1)		Prepared: 04/03/25 17:37 Analyzed: 04/04/25 15:19										
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0179-BS1)		Prepared: 04/03/25 17:37 Analyzed: 04/04/25 15:21										
EPA 200.8												
Lead	15.1	---	0.201	ug/L	1	15.0	---	101	85 - 115%	---	---	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

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Portland, OR 97239

Project: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1978 - 04 07 25 1653

SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Prep: EPA 200.8 Direct Analysis

					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25D0179</u>							
A5C1978-01	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00

Apex Laboratories

Jason Woodcock, Project Manager

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Report ID:

A5C1978 - 04 07 25 1653

QUALIFIER DEFINITIONS

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

There are No Qualifiers on Sample or QC Data for this report

Apex Laboratories

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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Project Number: **Lincoln Street ES/24013061**
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Report ID:
A5C1978 - 04 07 25 1653

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 and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

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).

Apex Laboratories

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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: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1978 - 04 07 25 1653

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).

Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

-For Blank hits falling between $\frac{1}{2}$ 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.

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.

Benzofluoranthene Isomer Reporting:

Due to coelutions present on the analytical column, the results reported for Benzo(b+j)fluoranthene(s) represent the concentration of both the Benzo(b)fluoranthene and Benzo(j)fluoranthene isomers. Calibration, validation and accreditation are based on the Benzo(b)fluoranthene isomer.

Apex Laboratories

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Project: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1978 - 04 07 25 1653

Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses.

In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

Apex Laboratories

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Project: **Hillsboro School District**
Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5C1978 - 04 07 25 1653

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
--------	----------	--------	---------	--------	---------------

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

Jason Woodcock, Project Manager

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Portland, OR 97239

Project: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1978 - 04 07 25 1653

ASC1978

Lead in Drinking Water Testing Program

Date Collected: March 22, 2025

PBS Project: 24013061 / 0001

School Name: Lincoln Street ES - Round 2

District: Hillsboro School District

Building: Main Building

Building Number: 22391300

Analysis Requested: Lead (Pb) in Drinking Water

Email Results To: voeller@pbsusa.com

Turnaround Time: 10-day

	Fixture Number	Sample Number	Room / Location
1	033	22391300-033DW25A	Room 166 - drinking fountain
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Relinquished By/Signature Dale Voeller

Date/Time: 3/27/25 @ 1:33 PM

Received By/Signature Jason Woodcock

Date/Time: 3/27/25 9 54

1 of 1

Apex Laboratories

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

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6700 S.W. Sandburg Street

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503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental

4412 S Corbett Ave

Portland, OR 97239

Project: Hillsboro School District

Project Number: Lincoln Street ES/24013061

Project Manager: Dale Voeller

Report ID:

A5C1978 - 04 07 25 1653

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A5 C1978
Project/Project #: Lincoln Street ES - Round 2 / 24013061/001

Delivery Info:

Date/time received: 3/28/25 @ 954 By: JPE
Delivered by: Apex ☒ Client ☐ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐
From USDA Regulated Origin? Yes ☐ No ☒

Cooler Inspection Date/time inspected: 3/28/25 @ 1104 By: JPE

Chain of Custody included? Yes ☒ No ☐

Signed/dated by client? Yes ☒ No ☐

Contains USDA Reg. Soils? Yes ☐ No ☒ Unsure (email RegSoils) ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>19.3</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>None</u>						
Condition (In/Out)	<u>out</u>						

Cooler out of temp? ☒ (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: 3/28/25 @ 1114 By: AW

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 ☐ pH ID A231170

Comments: _____

Labeled by: AW

Witness: AW

Cooler Inspected by: AW

Form Y-003 R-02

Apex Laboratories

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Wednesday, April 23, 2025

Dale Voeller

PBS Engineering and Environmental

4412 S Corbett Ave

Portland, OR 97239

RE: A5D1406 - Hillsboro School District - Lincoln Street ES/24013061

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 A5D1406, which was received by the laboratory on 4/11/2025 at 1:43:00PM.

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

Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.

(See Cooler Receipt Form for details)

Default Cooler 20.6 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

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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ORELAP ID: OR100062

PBS Engineering and Environmental

4412 S Corbett Ave
Portland, OR 97239

Project: Hillsboro School District

Project Number: Lincoln Street ES/24013061

Project Manager: Dale Voeller

Report ID:

A5D1406 - 04 23 25 1140

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22391300-001KF25B	A5D1406-01	Drinking Water	04/11/25 00:00	04/11/25 13:43
22391300-001KF25C	A5D1406-02	Drinking Water	04/11/25 00:00	04/11/25 13:43

Apex Laboratories

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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 Environmental4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5D1406 - 04 23 25 1140****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
22391300-001KF25B (A5D1406-01)				Matrix: Drinking Water				
Batch: 25D0574								
Lead	6.11	---	0.200	ug/L	1	04/14/25 16:57	EPA 200.8	
22391300-001KF25C (A5D1406-02)				Matrix: Drinking Water				
Batch: 25D0574								
Lead	0.340	---	0.200	ug/L	1	04/14/25 16:59	EPA 200.8	

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Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5D1406 - 04 23 25 1140

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 25D0574 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0574-BLK1)		Prepared: 04/14/25 14:27 Analyzed: 04/14/25 16:34										
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0574-BS1)		Prepared: 04/14/25 14:27 Analyzed: 04/14/25 16:36										
EPA 200.8												
Lead	14.2	---	0.201	ug/L	1	15.0	---	95	85 - 115%	---	---	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

Jason Woodcock, Project Manager

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Portland, OR 97239

Project: **Hillsboro School District**
Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5D1406 - 04 23 25 1140

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: 25D0574</u>							
A5D1406-01	Drinking Water	EPA 200.8	04/11/25 00:00	04/14/25 14:27	10mL/10mL	10mL/10mL	1.00
A5D1406-02	Drinking Water	EPA 200.8	04/11/25 00:00	04/14/25 14:27	10mL/10mL	10mL/10mL	1.00

Apex Laboratories

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Project Number: Lincoln Street ES/24013061

Project Manager: Dale Voeller

Report ID:

A5D1406 - 04 23 25 1140

QUALIFIER DEFINITIONS

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

There are No Qualifiers on Sample or QC Data for this report

Apex Laboratories

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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 and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

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.

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Project Manager: **Dale Voeller**

Report ID:

A5D1406 - 04 23 25 1140

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

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Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

-For Blank hits falling between $\frac{1}{2}$ 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.

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:

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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.

Benzofluoranthene Isomer Reporting:

Due to coelutions present on the analytical column, the results reported for Benzo(b+j)fluoranthene(s) represent the concentration of both the Benzo(b)fluoranthene and Benzo(j)fluoranthene isomers. Calibration, validation and accreditation are based on the Benzo(b)fluoranthene isomer.

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Portland, OR 97239

Project: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5D1406 - 04 23 25 1140

Decanted Samples:

Soils/Sediments:

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Volatiles Soils (5035s)

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In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

Apex Laboratories

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Jason Woodcock, Project Manager



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Project Number: **Lincoln Street ES/24013061**
Project Manager: **Dale Voeller**

Report ID:
A5D1406 - 04 23 25 1140

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:

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Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
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Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

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Apex Laboratories

Jason Woodcock, Project Manager

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PBS Engineering and Environmental

4412 S Corbett Ave
Portland, OR 97239

Project: **Hillsboro School District**

Project Number: **Lincoln Street ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5D1406 - 04 23 25 1140

Lead in Drinking Water Testing Program

Date Collected: April 11, 2025

PBS Project: 24013061 / 0001

School Name: Lincoln Street ES - Round 3

District: Hillsboro School District

Building: Main Building

Building Number: 22391300

Analysis Requested: Lead (Pb) in Drinking Water

Email Results To: voeller@pbsusa.com

Turnaround Time: 10-day

	Fixture Number	Sample Number	Room / Location
1	001	22391300-001KF25B	Kitchen, pot filler faucet - first draw
2	001	22391300-001KF25C	Kitchen, pot filler faucet - flush
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Relinquished By/Signature: Dale Voeller

Date/Time: 4/11/25 @ 11:02 AM

Received By/Signature: Jim J. Apex Labs

Date/Time: 4/11/2025 1343

1 of 1

Apex Laboratories

Jason Woodcock, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. 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: **Hillsboro School District**Project Number: **Lincoln Street ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5D1406 - 04 23 25 1140****APEX LABS COOLER RECEIPT FORM**Client: PBS Element WO#: A5D1406
Hillsboro School District
22391300Project/Project #: Lincoln street ES- Round 3**Delivery Info:**Date/time received: 4/11/25 @ 1343 By: ESTDelivered by: Apex ☒ Client ☐ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐From USDA Regulated Origin? Yes ☐ No ☒**Cooler Inspection** Date/time inspected: 4/11/25 @ 1403 By: ESTChain of Custody included? Yes ☒ No ☐Signed/dated by client? Yes ☒ No ☐Contains USDA Reg. Soils? Yes ☐ No ☒ Unsure (email RegSoils) ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>20.6</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>Y</u>						
Ice type: (Gel/Real/Other)	<u>GE NA</u>						
Condition (In/Out):	<u>In</u>						

Cooler out of temp? ☒ (N) Possible reason why: EST 4/11/25Green dots applied to out of temperature samples? Yes ☒ No ☐Out of temperature samples form initiated? Yes ☒ No ☐**Sample Inspection:** Date/time inspected: 4/11/25 @ 1552 By: APWAll 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 ☐ pH ID: APW 4/11/25Comments: Labeled by: APWWitness: APWCooler Inspected by: APW

Form Y-003 R-02

Apex Laboratories

Jason Woodcock, Project Manager

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