

April 14, 2025

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

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

Regarding: Drinking Water Sampling Report
Rosedale Elementary School
3901 SE 67th Avenue
Hillsboro, Oregon
PBS Project 24013061 / 0003

Dear Mr. Wenzloff:

On March 22, 2025, PBS Engineering and Environmental LLC (PBS) performed drinking water sampling at Rosedale 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 building remain below the Oregon Department of Education (ODE) action level of 15 parts per billion (ppb).

One hundred three samples were collected and delivered under chain of custody to Apex Laboratories in Tigard, Oregon for lead analysis. All fixtures showed lead concentrations below 15 ppm.

The following tables list the results of the analysis.

Main Building – Round 1

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
001	22393400-001KF25A	Kitchen, east island prep sink faucet	0.541
002	22393400-002KF25A	Kitchen, small pot filler faucet	0.819
003	22393400-003KF25A	Kitchen, north double prep sink faucet	0.770
004	22393400-004KF25A	Kitchen, north double prep sink sprayer	2.29
005	22393400-005BF25A	Boys RR at Commons, triple-head handwash basin - left	0.362
006	22393400-006BF25A	Boys RR at Commons, triple-head handwash basin - center	ND
007	22393400-007BF25A	Boys RR at Commons, triple-head handwash basin - right	ND
008	22393400-008BF25A	Girls RR at Commons, triple-head handwash basin - left	0.223
009	22393400-009BF25A	Girls RR at Commons, triple-head handwash basin - center	ND
010	22393400-010BF25A	Girls RR at Commons, triple-head handwash basin - right	ND
011	22393400-011WB25A	Water bottle filler in hall at Room 141	ND
012	22393400-012DW25A	Drinking fountain in hall at Room 141	ND

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
013	22393400-013BF25A	Staff restroom at receiving area	ND
014	22393400-014DW25A	Music Room drinking fountain	ND
015	22393400-015CF25A	Music Room sink faucet	0.343
016	22393400-016NS25A	Health Room sink faucet	ND
017	22393400-017BF25A	Health Room restroom sink	0.369
018	22393400-018SF25A	Staff Lounge sink faucet	ND
019	22393400-019OT25A	Staff Lounge instant hot water tap	ND
020	22393400-020BF25A	Staff restroom – left restroom sink faucet	0.252
021	22393400-021BF25A	Staff restroom – right restroom sink faucet	ND
022	22393400-022SF25A	Staff workroom sink faucet	0.685
023	22393400-023DW25A	Room 150 – drinking fountain	0.218
024	22393400-024CF25A	Room 150 – classroom faucet	0.226
025	22393400-025BF25A	Room 150 – restroom sink	ND
026	22393400-026DW25A	Room 152 – drinking fountain	ND
027	22393400-027CF25A	Room 152 – classroom faucet	ND
028	22393400-028BF25A	Room 152 – restroom sink	0.295
029	22393400-029DW25A	Room 156 – drinking fountain	ND
030	22393400-030CF25A	Room 156 – classroom faucet	0.227
031	22393400-031BF25A	Room 156 – restroom sink	ND
032	22393400-032BF25A	Boys restroom at Room 156 – left sink	0.301
033	22393400-033BF25A	Boys restroom at Room 156 – right sink	0.465
034	22393400-034BF25A	Staff Restroom	0.318
035	22393400-035BF25A	Girls Restroom at Room 158 – left sink	0.319
036	22393400-036BF25A	Girls Restroom at Room 158 – right sink	0.436
037	22393400-037DW25A	Hall at Room 158 drinking fountain – left	ND
038	22393400-038DW25A	Hall at Room 158 drinking fountain – right	ND
039	22393400-039DW25A	Room 158 – drinking fountain	ND
040	22393400-040CF25A	Room 158 – classroom faucet	ND
041	22393400-041DW25A	Room 160 – drinking fountain	0.219
042	22393400-042CF25A	Room 160 – classroom faucet	ND
043	22393400-043BF25A	Boys restroom at Room 160 – left sink	0.438
044	22393400-044BF25A	Boys restroom at Room 160 – right sink	0.523
045	22393400-045BF25A	Girls Restroom at Room 162 – left sink	0.264
046	22393400-046BF25A	Girls Restroom at Room 162 – right sink	ND
047	22393400-047DW25A	Hall at Room 160 drinking fountain – left	ND
048	22393400-048DW25A	Hall at Room 160 drinking fountain – right	ND
049	22393400-049DW25A	Room 162 – drinking fountain	ND
050	22393400-050CF25A	Room 162 – classroom faucet	ND
051	22393400-051DW25A	Room 164 – drinking fountain	ND
052	22393400-052CF25A	Room 164 – classroom faucet	ND
053	22393400-053DW25A	Room 163 – drinking fountain	0.208

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
054	22393400-054CF25A	Room 163 – classroom faucet	0.901
055	22393400-055DW25A	Room 159 – drinking fountain	ND
056	22393400-056CF25A	Room 159 – classroom faucet	ND
057	22393400-057DW25A	Room 157 – drinking fountain	0.432
058	22393400-058CF25A	Room 157 – classroom faucet	0.230
059	22393400-059DW25A	Room 153 – drinking fountain	ND
060	22393400-060CF25A	Room 153 – classroom faucet	ND
061	22393400-061DW25A	Room 151 – drinking fountain	0.264
062	22393400-062CF25A	Room 151 – classroom faucet	0.266
063	22393400-063BF25A	Room 151 – restroom sink	0.376
064	22393400-064SF25A	Media Center workroom sink faucet	ND
065	22393400-065DW25A	Room 252 – drinking fountain	0.433
066	22393400-066CF25A	Room 252 – classroom faucet	0.302
067	22393400-067DW25A	Room 254 – drinking fountain	ND
068	22393400-068CF25A	Room 254 – classroom faucet	ND
069	22393400-069DW25A	Room 256 – drinking fountain	ND
070	22393400-070CF25A	Room 256 – classroom faucet	0.520
071	22393400-071BF25A	Boys restroom at Room 256 – left sink	0.226
072	22393400-072BF25A	Boys restroom at Room 256 – right sink	ND
073	22393400-073BF25A	Staff Restroom	ND
074	22393400-074BF25A	Girls Restroom at Room 258 – left sink	ND
075	22393400-075BF25A	Girls Restroom at Room 258 – right sink	0.205
076	22393400-076DW25A	Drinking fountain at girls restroom at Room 258 – left	ND
077	22393400-077DW25A	Drinking fountain at girls restroom at Room 258 - right	ND
078	22393400-078DW25A	Room 258 – drinking fountain	ND
079	22393400-079CF25A	Room 258 – classroom faucet	0.299
080	22393400-080DW25A	Room 260 – drinking fountain	ND
081	22393400-081CF25A	Room 260 – classroom faucet	ND
082	22393400-082BF25A	Boys restroom at Room 260 – left sink	ND
083	22393400-083BF25A	Boys restroom at Room 260 – right sink	0.203
084	22393400-084BF25A	Girls Restroom at Room 262 – left sink	0.229
085	22393400-085BF25A	Girls Restroom at Room 262 – right sink	0.283
086	22393400-086DW25A	Drinking fountain at girls restroom at Room 262 – left	ND
087	22393400-087DW25A	Drinking fountain at girls restroom at Room 262 - right	ND
088	22393400-088DW25A	Room 262 – drinking fountain	0.296
089	22393400-089CF25A	Room 262 – classroom faucet	0.304
090	22393400-090DW25A	Room 264 – drinking fountain	ND
091	22393400-091CF25A	Room 264 – classroom faucet	0.422
092	22393400-092DW25A	Room 267 – drinking fountain	ND
093	22393400-093CF25A	Room 267 – classroom faucet	0.314
094	22393400-094DW25A	Room 263 – drinking fountain	1.60

Fixture Number	Sample Number	Location / Room No.	Results (ppb)
095	22393400-095CF25A	Room 263 – classroom faucet	2.46
096	22393400-096DW25A	Room 261 – drinking fountain	ND
097	22393400-097CF25A	Room 261 – classroom faucet	ND
098	22393400-098DW25A	Room 257 – drinking fountain	ND
099	22393400-099CF25A	Room 257 – classroom faucet	ND
100	22393400-0100DW25A	Room 255 – drinking fountain	ND
101	22393400-0101CF25A	Room 255 – classroom faucet	0.326
102	22393400-0102DW25A	Room 251 – drinking fountain	ND
103	22393400-0103CF25A	Room 251 – classroom faucet	0.362

ND = no lead detected

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 ($\mu\text{g/L}$), a unit of measure that is equivalent to ppb.

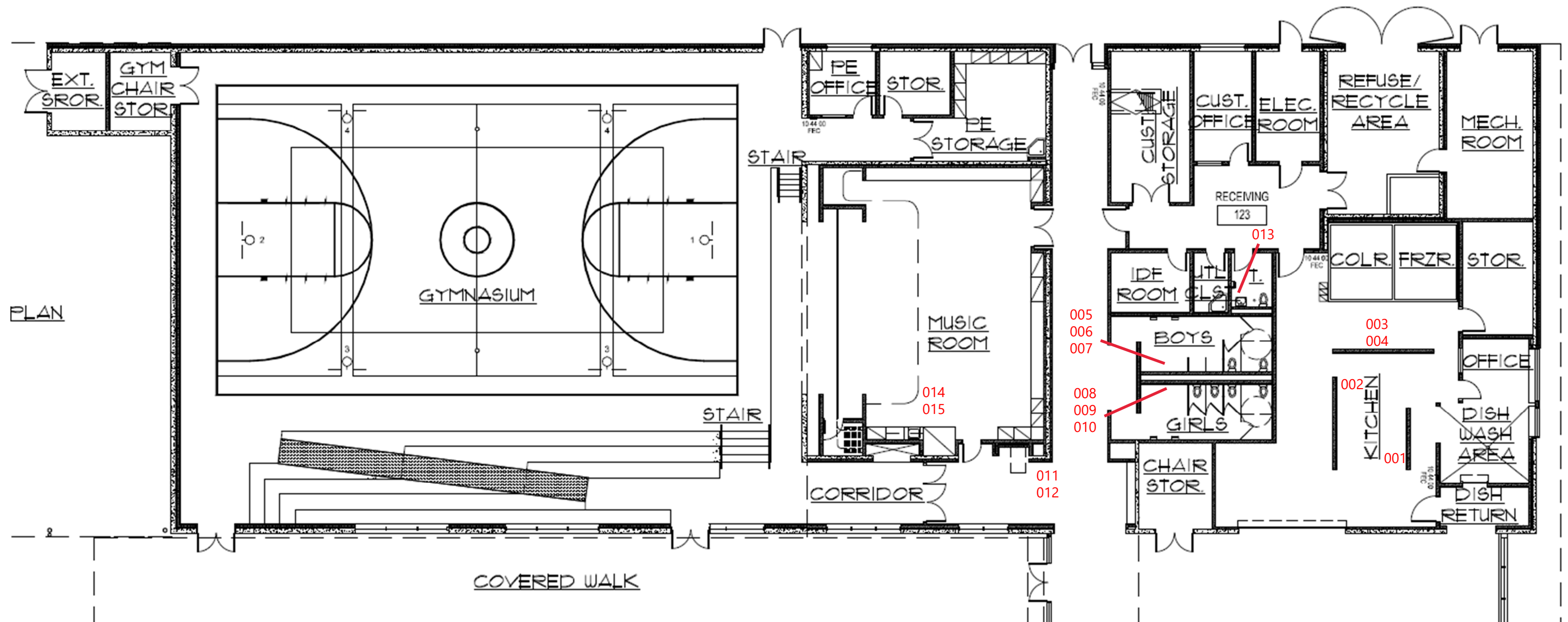
Sampling methodology and the interpretation of laboratory results were based on the Environmental Protection Agency guidance document titled *3Ts for Reducing Lead in Drinking Water in Schools*. Following this guideline, PBS collected first draw samples from each test location. First draw samples consist 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.

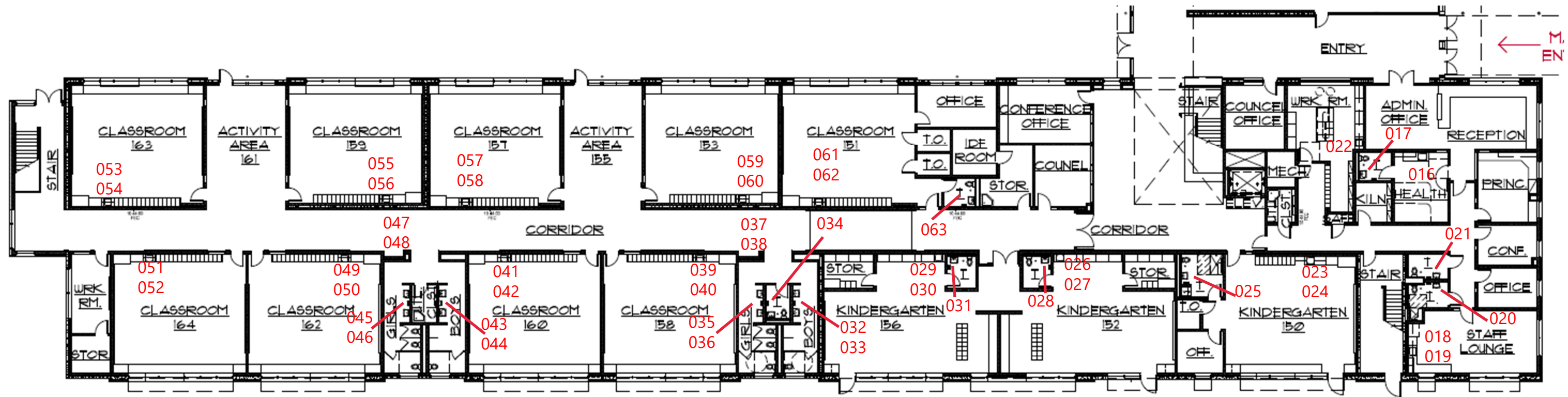
Sincerely,

Dale Voeller, CHMM, CSP
Senior Project Manager

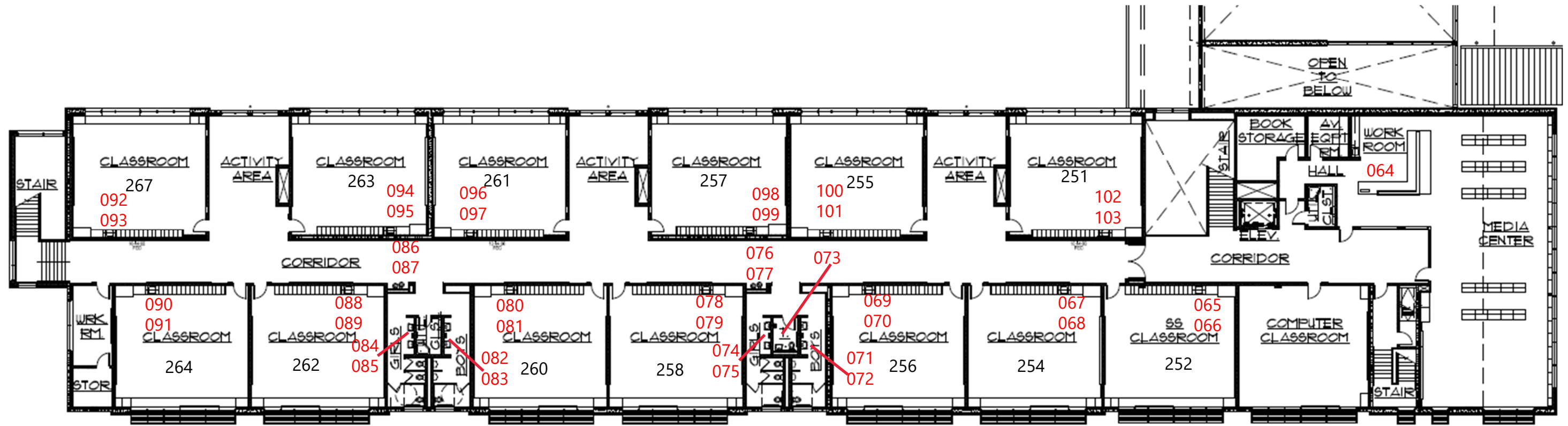
Attachments: Sample Location Drawings
Laboratory Analytical Report



Rosedale Elementary School Fixture
Location Drawing
First Floor West - Kitchen and Gymnasium
April 15, 2025



Rosedale Elementary School
 Fixture Location Drawing
 First Floor East - Classroom Wing
 April 15, 2025



Rosedale Elementary School Fixture Location Drawing
Second Floor
April 15, 2025



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Thursday, April 10, 2025

Dale Voeller

PBS Engineering and Environmental

4412 S Corbett Ave

Portland, OR 97239

RE: A5C1983 - Hillsboro School District - Rosedale 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 A5C1983, 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)				
Cooler #1	20.1	degC	Cooler #2	19.6 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

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.

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: **Rosedale ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1983 - 04 10 25 1156****ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22393400-001KF25A	A5C1983-01	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-002KF25A	A5C1983-02	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-003KF25A	A5C1983-03	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-004KF25A	A5C1983-04	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-005BF25A	A5C1983-05	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-006BF25A	A5C1983-06	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-007BF25A	A5C1983-07	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-008BF25A	A5C1983-08	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-009BF25A	A5C1983-09	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-010BF25A	A5C1983-10	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-011WB25A	A5C1983-11	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-012DW25A	A5C1983-12	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-013BF25A	A5C1983-13	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-014DW25A	A5C1983-14	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-015CF25A	A5C1983-15	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-016NS25A	A5C1983-16	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-017BF25A	A5C1983-17	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-018SF25A	A5C1983-18	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-019OT25A	A5C1983-19	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-020BF25A	A5C1983-20	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-021BF25A	A5C1983-21	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-022SF25A	A5C1983-22	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-023DW25A	A5C1983-23	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-024CF25A	A5C1983-24	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-025BF25A	A5C1983-25	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-026DW25A	A5C1983-26	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-027CF25A	A5C1983-27	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-028BF25A	A5C1983-28	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-029DW25A	A5C1983-29	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-030CF25A	A5C1983-30	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-031BF25A	A5C1983-31	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-032BF25A	A5C1983-32	Drinking Water	03/22/25 00:00	03/28/25 09:54

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22393400-033BF25A	A5C1983-33	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-034BF25A	A5C1983-34	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-035BF25A	A5C1983-35	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-036BF25A	A5C1983-36	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-037DW25A	A5C1983-37	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-038DW25A	A5C1983-38	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-039DW25A	A5C1983-39	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-040CF25A	A5C1983-40	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-041DW25A	A5C1983-41	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-042CF25A	A5C1983-42	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-043BF25A	A5C1983-43	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-044BF25A	A5C1983-44	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-045BF25A	A5C1983-45	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-046BF25A	A5C1983-46	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-047DW25A	A5C1983-47	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-048DW25A	A5C1983-48	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-049DW25A	A5C1983-49	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-050CF25A	A5C1983-50	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-051DW25A	A5C1983-51	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-052CF25A	A5C1983-52	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-053DW25A	A5C1983-53	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-054CF25A	A5C1983-54	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-055DW25A	A5C1983-55	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-056CF25A	A5C1983-56	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-057DW25A	A5C1983-57	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-058CF25A	A5C1983-58	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-059DW25A	A5C1983-59	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-060CF25A	A5C1983-60	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-061DW25A	A5C1983-61	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-062CF25A	A5C1983-62	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-063BF25A	A5C1983-63	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-064SF25A	A5C1983-64	Drinking Water	03/22/25 00:00	03/28/25 09:54

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22393400-066CF25A	A5C1983-66	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-067DW25A	A5C1983-67	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-068CF25A	A5C1983-68	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-069DW25A	A5C1983-69	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-070CF25A	A5C1983-70	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-071BF25A	A5C1983-71	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-072BF25A	A5C1983-72	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-073BF25A	A5C1983-73	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-074BF25A	A5C1983-74	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-075BF25A	A5C1983-75	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-076DW25A	A5C1983-76	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-077DW25A	A5C1983-77	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-078DW25A	A5C1983-78	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-079CF25A	A5C1983-79	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-080DW25A	A5C1983-80	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-081CF25A	A5C1983-81	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-082BF25A	A5C1983-82	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-083BF25A	A5C1983-83	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-084BF25A	A5C1983-84	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-085BF25A	A5C1983-85	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-086DW25A	A5C1983-86	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-087DW25A	A5C1983-87	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-088DW25A	A5C1983-88	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-089CF25A	A5C1983-89	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-090DW25A	A5C1983-90	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-091CF25A	A5C1983-91	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-092DW25A	A5C1983-92	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-093CF25A	A5C1983-93	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-094DW25A	A5C1983-94	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-095CF25A	A5C1983-95	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-096DW25A	A5C1983-96	Drinking Water	03/22/25 00:00	03/28/25 09:54

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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: **Rosedale ES/24013061**
Project Manager: **Dale Voeller**

Report ID:

A5C1983 - 04 10 25 1156

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
22393400-097CF25A	A5C1983-97	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-098DW25A	A5C1983-98	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-099CF25A	A5C1983-99	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-100DW25A	A5C1983-AA	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-101CF25A	A5C1983-AB	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-102DW25A	A5C1983-AC	Drinking Water	03/22/25 00:00	03/28/25 09:54
22393400-103CF25A	A5C1983-AD	Drinking Water	03/22/25 00:00	03/28/25 09:54

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Portland, OR 97239Project: **Hillsboro School District**
Project Number: **Rosedale ES/24013061**
Project Manager: **Dale Voeller****Report ID:**
A5C1983 - 04 10 25 1156**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
22393400-001KF25A (A5C1983-01) Matrix: Drinking Water								
Batch: 25D0179								
Lead	0.541	---	0.200	ug/L	1	04/04/25 15:32	EPA 200.8	
22393400-002KF25A (A5C1983-02) Matrix: Drinking Water								
Batch: 25D0179								
Lead	0.819	---	0.200	ug/L	1	04/04/25 15:33	EPA 200.8	
22393400-003KF25A (A5C1983-03) Matrix: Drinking Water								
Batch: 25D0179								
Lead	0.770	---	0.200	ug/L	1	04/04/25 15:35	EPA 200.8	
22393400-004KF25A (A5C1983-04) Matrix: Drinking Water								
Batch: 25D0179								
Lead	2.29	---	0.200	ug/L	1	04/04/25 15:41	EPA 200.8	
22393400-005BF25A (A5C1983-05) Matrix: Drinking Water								
Batch: 25D0179								
Lead	0.362	---	0.200	ug/L	1	04/04/25 15:43	EPA 200.8	
22393400-006BF25A (A5C1983-06) Matrix: Drinking Water								
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 15:44	EPA 200.8	
22393400-007BF25A (A5C1983-07) Matrix: Drinking Water								
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 15:46	EPA 200.8	
22393400-008BF25A (A5C1983-08) Matrix: Drinking Water								
Batch: 25D0179								
Lead	0.223	---	0.200	ug/L	1	04/04/25 15:48	EPA 200.8	
22393400-009BF25A (A5C1983-09) Matrix: Drinking Water								
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 15:50	EPA 200.8	

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Project Number: Rosedale ES/24013061
Project Manager: Dale VoellerReport ID:
A5C1983 - 04 10 25 1156

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
22393400-010BF25A (A5C1983-10)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 15:52	EPA 200.8	
22393400-011WB25A (A5C1983-11)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 15:54	EPA 200.8	
22393400-012DW25A (A5C1983-12)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 15:56	EPA 200.8	
22393400-013BF25A (A5C1983-13)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 15:57	EPA 200.8	
22393400-014DW25A (A5C1983-14)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 16:03	EPA 200.8	
22393400-015CF25A (A5C1983-15)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	0.343	---	0.200	ug/L	1	04/04/25 16:05	EPA 200.8	
22393400-016NS25A (A5C1983-16)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	ND	---	0.200	ug/L	1	04/04/25 16:07	EPA 200.8	
22393400-017BF25A (A5C1983-17)				Matrix: Drinking Water				
Batch: 25D0179								
Lead	0.369	---	0.200	ug/L	1	04/04/25 16:08	EPA 200.8	
22393400-018SF25A (A5C1983-18)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 10:53	EPA 200.8	

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Portland, OR 97239Project: **Hillsboro School District**
Project Number: **Rosedale ES/24013061**
Project Manager: **Dale Voeller****Report ID:**
A5C1983 - 04 10 25 1156**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
22393400-019OT25A (A5C1983-19)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 10:58	EPA 200.8	
22393400-020BF25A (A5C1983-20)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.252	---	0.200	ug/L	1	04/08/25 11:00	EPA 200.8	
22393400-021BF25A (A5C1983-21)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:02	EPA 200.8	
22393400-022SF25A (A5C1983-22)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.685	---	0.200	ug/L	1	04/08/25 11:04	EPA 200.8	
22393400-023DW25A (A5C1983-23)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.218	---	0.200	ug/L	1	04/08/25 11:06	EPA 200.8	
22393400-024CF25A (A5C1983-24)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.226	---	0.200	ug/L	1	04/08/25 11:11	EPA 200.8	
22393400-025BF25A (A5C1983-25)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:13	EPA 200.8	
22393400-026DW25A (A5C1983-26)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:15	EPA 200.8	
22393400-027CF25A (A5C1983-27)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:17	EPA 200.8	

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Project Number: **Rosedale ES/24013061**
Project Manager: **Dale Voeller****Report ID:**
A5C1983 - 04 10 25 1156**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
22393400-028BF25A (A5C1983-28)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.295	---	0.200	ug/L	1	04/08/25 11:19	EPA 200.8	
22393400-029DW25A (A5C1983-29)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:20	EPA 200.8	
22393400-030CF25A (A5C1983-30)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.227	---	0.200	ug/L	1	04/08/25 11:22	EPA 200.8	
22393400-031BF25A (A5C1983-31)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:24	EPA 200.8	
22393400-032BF25A (A5C1983-32)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.301	---	0.200	ug/L	1	04/08/25 11:26	EPA 200.8	
22393400-033BF25A (A5C1983-33)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.465	---	0.200	ug/L	1	04/08/25 11:28	EPA 200.8	
22393400-034BF25A (A5C1983-34)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.318	---	0.200	ug/L	1	04/08/25 11:33	EPA 200.8	
22393400-035BF25A (A5C1983-35)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.319	---	0.200	ug/L	1	04/08/25 11:35	EPA 200.8	
22393400-036BF25A (A5C1983-36)				Matrix: Drinking Water				
Batch: 25D0271								
Lead	0.436	---	0.200	ug/L	1	04/08/25 11:37	EPA 200.8	

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Project Number: Rosedale ES/24013061
Project Manager: Dale VoellerReport ID:
A5C1983 - 04 10 25 1156

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
22393400-037DW25A (A5C1983-37) Matrix: Drinking Water								
Batch: 25D0271								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:39	EPA 200.8	
22393400-038DW25A (A5C1983-38) Matrix: Drinking Water								
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:46	EPA 200.8	
22393400-039DW25A (A5C1983-39) Matrix: Drinking Water								
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:56	EPA 200.8	
22393400-040CF25A (A5C1983-40) Matrix: Drinking Water								
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 11:57	EPA 200.8	
22393400-041DW25A (A5C1983-41) Matrix: Drinking Water								
Batch: 25D0283								
Lead	0.219	---	0.200	ug/L	1	04/08/25 11:59	EPA 200.8	
22393400-042CF25A (A5C1983-42) Matrix: Drinking Water								
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:01	EPA 200.8	
22393400-043BF25A (A5C1983-43) Matrix: Drinking Water								
Batch: 25D0283								
Lead	0.438	---	0.200	ug/L	1	04/08/25 12:03	EPA 200.8	
22393400-044BF25A (A5C1983-44) Matrix: Drinking Water								
Batch: 25D0283								
Lead	0.523	---	0.200	ug/L	1	04/08/25 12:05	EPA 200.8	
22393400-045BF25A (A5C1983-45) Matrix: Drinking Water								
Batch: 25D0283								
Lead	0.264	---	0.200	ug/L	1	04/08/25 12:07	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
22393400-046BF25A (A5C1983-46)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:09	EPA 200.8	
22393400-047DW25A (A5C1983-47)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:10	EPA 200.8	
22393400-048DW25A (A5C1983-48)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:12	EPA 200.8	
22393400-049DW25A (A5C1983-49)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:18	EPA 200.8	
22393400-050CF25A (A5C1983-50)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:20	EPA 200.8	
22393400-051DW25A (A5C1983-51)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:22	EPA 200.8	
22393400-052CF25A (A5C1983-52)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:23	EPA 200.8	
22393400-053DW25A (A5C1983-53)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	0.208	---	0.200	ug/L	1	04/08/25 12:25	EPA 200.8	
22393400-054CF25A (A5C1983-54)				Matrix: Drinking Water				
Batch: 25D0283								
Lead	0.901	---	0.200	ug/L	1	04/08/25 12:27	EPA 200.8	

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Project Manager: **Dale Voeller****Report ID:**
A5C1983 - 04 10 25 1156**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
22393400-055DW25A (A5C1983-55) Matrix: Drinking Water								
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:29	EPA 200.8	
22393400-056CF25A (A5C1983-56) Matrix: Drinking Water								
Batch: 25D0283								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:31	EPA 200.8	
22393400-057DW25A (A5C1983-57) Matrix: Drinking Water								
Batch: 25D0283								
Lead	0.432	---	0.200	ug/L	1	04/08/25 12:33	EPA 200.8	
22393400-058CF25A (A5C1983-58) Matrix: Drinking Water								
Batch: 25D0284								
Lead	0.230	---	0.200	ug/L	1	04/08/25 12:46	EPA 200.8	
22393400-059DW25A (A5C1983-59) Matrix: Drinking Water								
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:51	EPA 200.8	
22393400-060CF25A (A5C1983-60) Matrix: Drinking Water								
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 12:53	EPA 200.8	
22393400-061DW25A (A5C1983-61) Matrix: Drinking Water								
Batch: 25D0284								
Lead	0.264	---	0.200	ug/L	1	04/08/25 12:55	EPA 200.8	
22393400-062CF25A (A5C1983-62) Matrix: Drinking Water								
Batch: 25D0284								
Lead	0.266	---	0.200	ug/L	1	04/08/25 12:57	EPA 200.8	
22393400-063BF25A (A5C1983-63) Matrix: Drinking Water								
Batch: 25D0284								
Lead	0.376	---	0.200	ug/L	1	04/08/25 12:59	EPA 200.8	

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A5C1983 - 04 10 25 1156**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
22393400-064SF25A (A5C1983-64RE1)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 14:07	EPA 200.8	
22393400-065DW25A (A5C1983-65RE1)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	0.433	---	0.200	ug/L	1	04/08/25 14:09	EPA 200.8	
22393400-066CF25A (A5C1983-66)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	0.302	---	0.200	ug/L	1	04/08/25 13:39	EPA 200.8	
22393400-067DW25A (A5C1983-67)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 13:41	EPA 200.8	
22393400-068CF25A (A5C1983-68)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 13:43	EPA 200.8	
22393400-069DW25A (A5C1983-69)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 13:44	EPA 200.8	
22393400-070CF25A (A5C1983-70)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	0.520	---	0.200	ug/L	1	04/08/25 13:46	EPA 200.8	
22393400-071BF25A (A5C1983-71)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	0.226	---	0.200	ug/L	1	04/08/25 13:48	EPA 200.8	
22393400-072BF25A (A5C1983-72)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 13:50	EPA 200.8	

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Project Number: Rosedale ES/24013061
Project Manager: Dale VoellerReport ID:
A5C1983 - 04 10 25 1156

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
22393400-073BF25A (A5C1983-73)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 13:52	EPA 200.8	
22393400-074BF25A (A5C1983-74)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 13:58	EPA 200.8	
22393400-075BF25A (A5C1983-75)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	0.205	---	0.200	ug/L	1	04/08/25 14:00	EPA 200.8	
22393400-076DW25A (A5C1983-76)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 14:02	EPA 200.8	
22393400-077DW25A (A5C1983-77)				Matrix: Drinking Water				
Batch: 25D0284								
Lead	ND	---	0.200	ug/L	1	04/08/25 14:03	EPA 200.8	
22393400-078DW25A (A5C1983-78)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:13	EPA 200.8	
22393400-079CF25A (A5C1983-79)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.299	---	0.200	ug/L	1	04/09/25 14:18	EPA 200.8	
22393400-080DW25A (A5C1983-80)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:20	EPA 200.8	
22393400-081CF25A (A5C1983-81)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:22	EPA 200.8	

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ORELAP ID: OR100062**PBS Engineering and Environmental**
4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**
Project Number: **Rosedale ES/24013061**
Project Manager: **Dale Voeller****Report ID:**
A5C1983 - 04 10 25 1156**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
22393400-082BF25A (A5C1983-82)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:24	EPA 200.8	
22393400-083BF25A (A5C1983-83)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.203	---	0.200	ug/L	1	04/09/25 14:26	EPA 200.8	
22393400-084BF25A (A5C1983-84)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.229	---	0.200	ug/L	1	04/09/25 14:31	EPA 200.8	
22393400-085BF25A (A5C1983-85)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.283	---	0.200	ug/L	1	04/09/25 14:33	EPA 200.8	
22393400-086DW25A (A5C1983-86)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:35	EPA 200.8	
22393400-087DW25A (A5C1983-87)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:37	EPA 200.8	
22393400-088DW25A (A5C1983-88)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.296	---	0.200	ug/L	1	04/09/25 14:39	EPA 200.8	
22393400-089CF25A (A5C1983-89)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.304	---	0.200	ug/L	1	04/09/25 14:40	EPA 200.8	
22393400-090DW25A (A5C1983-90)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:42	EPA 200.8	

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Project Manager: **Dale Voeller****Report ID:**
A5C1983 - 04 10 25 1156**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
22393400-091CF25A (A5C1983-91)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.422	---	0.200	ug/L	1	04/09/25 14:44	EPA 200.8	
22393400-092DW25A (A5C1983-92)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:46	EPA 200.8	
22393400-093CF25A (A5C1983-93)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	0.314	---	0.200	ug/L	1	04/09/25 14:48	EPA 200.8	
22393400-094DW25A (A5C1983-94)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	1.60	---	0.200	ug/L	1	04/09/25 14:55	EPA 200.8	
22393400-095CF25A (A5C1983-95)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	2.46	---	0.200	ug/L	1	04/09/25 14:57	EPA 200.8	
22393400-096DW25A (A5C1983-96)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 14:59	EPA 200.8	
22393400-097CF25A (A5C1983-97)				Matrix: Drinking Water				
Batch: 25D0317								
Lead	ND	---	0.200	ug/L	1	04/09/25 15:01	EPA 200.8	
22393400-098DW25A (A5C1983-98)				Matrix: Drinking Water				
Batch: 25D0319								
Lead	ND	---	0.200	ug/L	1	04/09/25 15:08	EPA 200.8	
22393400-099CF25A (A5C1983-99)				Matrix: Drinking Water				
Batch: 25D0319								
Lead	ND	---	0.200	ug/L	1	04/09/25 15:18	EPA 200.8	

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Project Manager: **Dale Voeller**

Report ID:
A5C1983 - 04 10 25 1156

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
22393400-100DW25A (A5C1983-AA)				Matrix: Drinking Water				
Batch: 25D0319								
Lead	ND	---	0.200	ug/L	1	04/09/25 15:20	EPA 200.8	
22393400-101CF25A (A5C1983-AB)				Matrix: Drinking Water				
Batch: 25D0319								
Lead	0.326	---	0.200	ug/L	1	04/09/25 15:21	EPA 200.8	
22393400-102DW25A (A5C1983-AC)				Matrix: Drinking Water				
Batch: 25D0319								
Lead	ND	---	0.200	ug/L	1	04/09/25 15:23	EPA 200.8	
22393400-103CF25A (A5C1983-AD)				Matrix: Drinking Water				
Batch: 25D0319								
Lead	0.362	---	0.200	ug/L	1	04/09/25 15:25	EPA 200.8	

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Project Number: Rosedale ES/24013061
Project Manager: Dale VoellerReport ID:
A5C1983 - 04 10 25 1156

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										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0179-BS1)		Prepared: 04/03/25 17:37 Analyzed: 04/04/25 15:21										
<u>EPA 200.8</u>												
Lead	15.1	---	0.201	ug/L	1	15.0	---	101	85 - 115%	---	---	
Matrix Spike (25D0179-MS2)		Prepared: 04/03/25 17:37 Analyzed: 04/04/25 16:10										
<u>QC Source Sample: 22393400-017BF25A (A5C1983-17)</u>												
<u>EPA 200.8</u>												
Lead	15.0	---	0.201	ug/L	1	15.0	0.369	98	70 - 130%	---	---	
Batch 25D0271 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0271-BLK1)		Prepared: 04/07/25 14:16 Analyzed: 04/08/25 10:48										
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0271-BS1)		Prepared: 04/07/25 14:16 Analyzed: 04/08/25 10:51										
<u>EPA 200.8</u>												
Lead	15.3	---	0.201	ug/L	1	15.0	---	102	85 - 115%	---	---	
Duplicate (25D0271-DUP1)		Prepared: 04/07/25 14:16 Analyzed: 04/08/25 10:55										
<u>QC Source Sample: 22393400-018SF25A (A5C1983-18)</u>												
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	0.110	---	---	***	20%	
Matrix Spike (25D0271-MS1)		Prepared: 04/07/25 14:16 Analyzed: 04/08/25 10:56										
<u>QC Source Sample: 22393400-018SF25A (A5C1983-18)</u>												
<u>EPA 200.8</u>												
Lead	15.1	---	0.201	ug/L	1	15.0	0.110	100	70 - 130%	---	---	
Matrix Spike (25D0271-MS2)		Prepared: 04/07/25 14:16 Analyzed: 04/08/25 11:41										
<u>QC Source Sample: 22393400-037DW25A (A5C1983-37)</u>												

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Portland, OR 97239

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

Report ID:
A5C1983 - 04 10 25 1156

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 25D0271 - EPA 200.8 Direct Analysis							Drinking Water					
Matrix Spike (25D0271-MS2)		Prepared: 04/07/25 14:16 Analyzed: 04/08/25 11:41										
QC Source Sample: 22393400-037DW25A (A5C1983-37)												
EPA 200.8												
Lead	14.9	---	0.201	ug/L	1	15.0	0.120	99	70 - 130%	---	---	

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Project Manager: Dale VoellerReport ID:
A5C1983 - 04 10 25 1156

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 25D0283 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0283-BLK1)		Prepared: 04/08/25 07:30		Analyzed: 04/08/25 11:43								
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0283-BS1)		Prepared: 04/08/25 07:30		Analyzed: 04/08/25 11:44								
<u>EPA 200.8</u>												
Lead	15.4	---	0.201	ug/L	1	15.0	---	103	85 - 115%	---	---	
Duplicate (25D0283-DUP1)		Prepared: 04/08/25 07:30		Analyzed: 04/08/25 11:48								
<u>QC Source Sample: 22393400-038DW25A (A5C1983-38)</u>												
<u>EPA 200.8</u>												
Lead	ND	---	0.200	ug/L	1	---	0.110	---	---	***	20%	
Matrix Spike (25D0283-MS1)		Prepared: 04/08/25 07:30		Analyzed: 04/08/25 11:50								
<u>QC Source Sample: 22393400-038DW25A (A5C1983-38)</u>												
<u>EPA 200.8</u>												
Lead	15.1	---	0.201	ug/L	1	15.0	0.110	100	70 - 130%	---	---	
Matrix Spike (25D0283-MS2)		Prepared: 04/08/25 07:30		Analyzed: 04/08/25 12:34								
<u>QC Source Sample: 22393400-057DW25A (A5C1983-57)</u>												
<u>EPA 200.8</u>												
Lead	15.3	---	0.201	ug/L	1	15.0	0.432	99	70 - 130%	---	---	

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PBS Engineering and Environmental4412 S Corbett Ave
Portland, OR 97239Project: **Hillsboro School District**Project Number: **Rosedale ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1983 - 04 10 25 1156**

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 25D0284 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0284-BLK1)		Prepared: 04/08/25 08:08		Analyzed: 04/08/25 12:42								
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0284-BS1)		Prepared: 04/08/25 08:08		Analyzed: 04/08/25 12:44								
EPA 200.8												
Lead	15.0	---	0.201	ug/L	1	15.0	---	100	85 - 115%	---	---	
Duplicate (25D0284-DUP1)		Prepared: 04/08/25 08:08		Analyzed: 04/08/25 12:48								
QC Source Sample: 22393400-058CF25A (A5C1983-58)												
EPA 200.8												
Lead	0.210	---	0.200	ug/L	1	---	0.230	---	---	9	20%	
Matrix Spike (25D0284-MS1)		Prepared: 04/08/25 08:08		Analyzed: 04/08/25 12:49								
QC Source Sample: 22393400-058CF25A (A5C1983-58)												
EPA 200.8												
Lead	14.9	---	0.201	ug/L	1	15.0	0.230	98	70 - 130%	---	---	
Matrix Spike (25D0284-MS2)		Prepared: 04/08/25 08:08		Analyzed: 04/08/25 14:05								
QC Source Sample: 22393400-077DW25A (A5C1983-77)												
EPA 200.8												
Lead	14.4	---	0.201	ug/L	1	15.0	0.102	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 25D0317 - EPA 200.8 Direct Analysis							Drinking Water					
Blank (25D0317-BLK1)		Prepared: 04/08/25 14:11 Analyzed: 04/09/25 14:09										
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0317-BS1)		Prepared: 04/08/25 14:11 Analyzed: 04/09/25 14:11										
EPA 200.8												
Lead	15.3	---	0.201	ug/L	1	15.0	---	102	85 - 115%	---	---	
Duplicate (25D0317-DUP1)		Prepared: 04/08/25 14:11 Analyzed: 04/09/25 14:15										
QC Source Sample: 22393400-078DW25A (A5C1983-78)												
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Matrix Spike (25D0317-MS1)		Prepared: 04/08/25 14:11 Analyzed: 04/09/25 14:16										
QC Source Sample: 22393400-078DW25A (A5C1983-78)												
EPA 200.8												
Lead	15.1	---	0.201	ug/L	1	15.0	ND	100	70 - 130%	---	---	
Matrix Spike (25D0317-MS2)		Prepared: 04/08/25 14:11 Analyzed: 04/09/25 15:03										
QC Source Sample: 22393400-097CF25A (A5C1983-97)												
EPA 200.8												
Lead	15.1	---	0.201	ug/L	1	15.0	0.147	100	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 25D0319 - EPA 200.8 Direct Analysis						Drinking Water						
Blank (25D0319-BLK1)		Prepared: 04/08/25 14:46 Analyzed: 04/09/25 15:05										
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (25D0319-BS1)		Prepared: 04/08/25 14:46 Analyzed: 04/09/25 15:07										
EPA 200.8												
Lead	15.4	---	0.201	ug/L	1	15.0	---	102	85 - 115%	---	---	
Duplicate (25D0319-DUP1)		Prepared: 04/08/25 14:46 Analyzed: 04/09/25 15:10										
QC Source Sample: 22393400-098DW25A (A5C1983-98)												
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	0.116	---	---	***	20%	
Matrix Spike (25D0319-MS1)		Prepared: 04/08/25 14:46 Analyzed: 04/09/25 15:12										
QC Source Sample: 22393400-098DW25A (A5C1983-98)												
EPA 200.8												
Lead	14.8	---	0.201	ug/L	1	15.0	0.116	98	70 - 130%	---	---	

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Portland, OR 97239**Project: **Hillsboro School District**Project Number: **Rosedale ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1983 - 04 10 25 1156****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: 25D0179</u>							
A5C1983-01	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-02	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-03	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-04	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-05	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-06	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-07	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-08	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-09	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-10	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-11	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-12	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-13	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-14	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-15	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-16	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
A5C1983-17	Drinking Water	EPA 200.8	03/22/25 00:00	04/03/25 17:37	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0271</u>							
A5C1983-18	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-19	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-20	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-21	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-22	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-23	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-24	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-25	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-26	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-27	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-28	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-29	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-30	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-31	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-32	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-33	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-34	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-35	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	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: **Rosedale ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1983 - 04 10 25 1156****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
A5C1983-36	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
A5C1983-37	Drinking Water	EPA 200.8	03/22/25 00:00	04/07/25 14:16	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0283</u>							
A5C1983-38	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-39	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-40	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-41	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-42	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-43	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-44	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-45	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-46	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-47	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-48	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-49	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-50	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-51	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-52	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-53	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-54	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-55	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-56	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
A5C1983-57	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 07:30	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0284</u>							
A5C1983-58	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-59	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-60	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-61	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-62	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-63	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-64RE1	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-65RE1	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-66	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-67	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-68	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-69	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00

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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: **Rosedale ES/24013061**Project Manager: **Dale Voeller****Report ID:****A5C1983 - 04 10 25 1156****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
A5C1983-70	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-71	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-72	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-73	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-74	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-75	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-76	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
A5C1983-77	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 08:08	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0317</u>							
A5C1983-78	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-79	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-80	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-81	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-82	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-83	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-84	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-85	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-86	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-87	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-88	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-89	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-90	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-91	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-92	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-93	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-94	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-95	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-96	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
A5C1983-97	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:11	10mL/10mL	10mL/10mL	1.00
<u>Batch: 25D0319</u>							
A5C1983-98	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:46	10mL/10mL	10mL/10mL	1.00
A5C1983-99	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:46	10mL/10mL	10mL/10mL	1.00
A5C1983-AA	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:46	10mL/10mL	10mL/10mL	1.00
A5C1983-AB	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:46	10mL/10mL	10mL/10mL	1.00
A5C1983-AC	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:46	10mL/10mL	10mL/10mL	1.00
A5C1983-AD	Drinking Water	EPA 200.8	03/22/25 00:00	04/08/25 14:46	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: Rosedale ES/24013061

Project Manager: Dale Voeller

Report ID:

A5C1983 - 04 10 25 1156

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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Project Manager: **Dale Voeller**

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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.

" *** " 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).

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A5C1983 - 04 10 25 1156

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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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.

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LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation)

EPA ID: OR01039

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
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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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Project: **Hillsboro School District**

Project Number: **Rosedale ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1983 - 04 10 25 1156

Lead in Drinking Water Testing Program

Date Collected: March 22, 2025

PBS Project: 24013061 / 0003

School Name: Rosedale ES - Round 1

District: Hillsboro School District

Building: Main Building

Building Number: 22393400

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	22393400-001KF25A	Kitchen, east island prep sink faucet
2	002	22393400-002KF25A	Kitchen, small pot filler faucet
3	003	22393400-003KF25A	Kitchen, north double prep sink faucet
4	004	22393400-004KF25A	Kitchen, north double prep sink sprayer
5	005	22393400-005BF25A	Boys RR at Commons, triple-head handwash basin - left
6	006	22393400-006BF25A	Boys RR at Commons, triple-head handwash basin - center
7	007	22393400-007BF25A	Boys RR at Commons, triple-head handwash basin - right
8	008	22393400-008BF25A	Girls RR at Commons, triple-head handwash basin - left
9	009	22393400-009BF25A	Girls RR at Commons, triple-head handwash basin - center
10	010	22393400-010BF25A	Girls RR at Commons, triple-head handwash basin - right
11	011	22393400-011WB25A	Water bottle filler in hall at Room 141
12	012	22393400-012DW25A	Drinking fountain in hall at Room 141
13	013	22393400-013BF25A	Staff restroom at receiving area
14	014	22393400-014DW25A	Music Room drinking fountain
15	015	22393400-015CF25A	Music Room sink faucet
16	016	22393400-016NS25A	Health Room sink faucet
17	017	22393400-017BF25A	Health Room restroom sink
18	018	22393400-018SF25A	Staff Lounge sink faucet
19	019	22393400-019OT25A	Staff Lounge instant hot water tap
20	020	22393400-020BF25A	Staff restroom - left restroom sink faucet

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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

PBS Engineering and Environmental

4412 S Corbett Ave
Portland, OR 97239

Project: **Hillsboro School District**

Project Number: **Rosedale ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1983 - 04 10 25 1156

Lead in Drinking Water Testing Program

Hillsboro School District

*APEX WDA# A5C1983
ASC1983
anal for
LNO
3/22/25*

Date Collected: 3/22/25

School Name: Rosedale Elementary School

	Fixture Number	Sample Number	Room / Location
21	021	22393400-021BF25A	Staff restroom – right restroom sink faucet
22	022	22393400-022SF25A	Staff workroom sink faucet
23	023	22393400-023DW25A	Room 150 – drinking fountain
24	024	22393400-024CF25A	Room 150 – classroom faucet
25	025	22393400-025BF25A	Room 150 – restroom sink
26	026	22393400-026DW25A	Room 152 – drinking fountain
27	027	22393400-027CF25A	Room 152 – classroom faucet
28	028	22393400-028BF25A	Room 152 – restroom sink
29	029	22393400-029DW25A	Room 156 – drinking fountain
30	030	22393400-030CF25A	Room 156 – classroom faucet
31	031	22393400-031BF25A	Room 156 – restroom sink
32	032	22393400-032BF25A	Boys restroom at Room 156 – left sink
33	033	22393400-033BF25A	Boys restroom at Room 156 – right sink
34	034	22393400-034BF25A	Staff Restroom
35	035	22393400-035BF25A	Girls Restroom at Room 158 – left sink
36	036	22393400-036BF25A	Girls Restroom at Room 158 – right sink
37	037	22393400-037DW25A	Hall at Room 158 drinking fountain – left
38	038	22393400-038DW25A	Hall at Room 158 drinking fountain – right
39	039	22393400-039DW25A	Room 158 – drinking fountain
40	040	22393400-040CF25A	Room 158 – classroom faucet
41	041	22393400-041DW25A	Room 160 – drinking fountain
42	042	22393400-042CF25A	Room 160 – classroom faucet
43	043	22393400-043BF25A	Boys restroom at Room 160 – left sink
44	044	22393400-044BF25A	Boys restroom at Room 160 – right sink
45	045	22393400-045BF25A	Girls Restroom at Room 162 – left sink
46	046	22393400-046BF25A	Girls Restroom at Room 162 – right sink
47	047	22393400-047DW25A	Hall at Room 160 drinking fountain – left
48	048	22393400-048DW25A	Hall at Room 160 drinking fountain – right
49	049	22393400-049DW25A	Room 162 – drinking fountain
50	050	22393400-050CF25A	Room 162 – classroom faucet



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Project Number: **Rosedale ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1983 - 04 10 25 1156

Apex WO# A5C1983

Lead in Drinking Water Testing Program

Hillsboro School District

Date Collected: 3/22/25

School Name: Rosedale Elementary School

	Fixture Number	Sample Number	Room / Location
51	051	22393400-051DW25A	Room 164 – drinking fountain
52	052	22393400-052CF25A	Room 164 – classroom faucet
53	053	22393400-053DW25A	Room 163 – drinking fountain
54	054	22393400-054CF25A	Room 163 – classroom faucet
55	055	22393400-055DW25A	Room 159 – drinking fountain
56	056	22393400-056CF25A	Room 159 – classroom faucet
57	057	22393400-057DW25A	Room 157 – drinking fountain
58	058	22393400-058CF25A	Room 157 – classroom faucet
59	059	22393400-059DW25A	Room 153 – drinking fountain
60	060	22393400-060CF25A	Room 153 – classroom faucet
61	061	22393400-061DW25A	Room 151 – drinking fountain
62	062	22393400-062CF25A	Room 151 – classroom faucet
63	063	22393400-063BF25A	Room 151 – restroom sink
64	064	22393400-064SF25A	Media Center workroom sink faucet
65	065	22393400-065DW25A	Room 252 – drinking fountain
66	066	22393400-066CF25A	Room 252 – classroom faucet
67	067	22393400-067DW25A	Room 254 – drinking fountain
68	068	22393400-068CF25A	Room 254 – classroom faucet
69	069	22393400-069DW25A	Room 256 – drinking fountain
70	070	22393400-070CF25A	Room 256 – classroom faucet
71	071	22393400-071BF25A	Boys restroom at Room 256 – left sink
72	072	22393400-072BF25A	Boys restroom at Room 256 – right sink
73	073	22393400-073BF25A	Staff Restroom
74	074	22393400-074BF25A	Girls Restroom at Room 258 – left sink
75	075	22393400-075BF25A	Girls Restroom at Room 258 – right sink
76	076	22393400-076DW25A	Drinking fountain at girls restroom at Room 258 – left
77	077	22393400-077DW25A	Drinking fountain at girls restroom at Room 258 - right
78	078	22393400-078DW25A	Room 258 – drinking fountain
79	079	22393400-079CF25A	Room 258 – classroom faucet
80	080	22393400-080DW25A	Room 260 – drinking fountain



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Project Number: **Rosedale ES/24013061**

Project Manager: **Dale Voeller**

Report ID:

A5C1983 - 04 10 25 1156

Apex WO# A5C1983

Lead in Drinking Water Testing Program

Hillsboro School District

Date Collected: 3/22/25

School Name: Rosedale Elementary School

	Fixture Number	Sample Number	Room / Location
81	081	22393400-081CF25A	Room 260 – classroom faucet
82	082	22393400-082BF25A	Boys restroom at Room 260 – left sink
83	083	22393400-083BF25A	Boys restroom at Room 260 – right sink
84	084	22393400-084BF25A	Girls Restroom at Room 262 – left sink
85	085	22393400-085BF25A	Girls Restroom at Room 262 – right sink
86	086	22393400-086DW25A	Drinking fountain at girls restroom at Room 262 – left
87	087	22393400-087DW25A	Drinking fountain at girls restroom at Room 262 – right
88	088	22393400-088DW25A	Room 262 – drinking fountain
89	089	22393400-089CF25A	Room 262 – classroom faucet
90	090	22393400-090DW25A	Room 264 – drinking fountain
91	091	22393400-091CF25A	Room 264 – classroom faucet
92	092	22393400-092DW25A	Room 267 – drinking fountain
93	093	22393400-093CF25A	Room 267 – classroom faucet
94	094	22393400-094DW25A	Room 263 – drinking fountain
95	095	22393400-095CF25A	Room 263 – classroom faucet
96	096	22393400-096DW25A	Room 261 – drinking fountain
97	097	22393400-097CF25A	Room 261 – classroom faucet
98	098	22393400-098DW25A	Room 257 – drinking fountain
99	099	22393400-099CF25A	Room 257 – classroom faucet
100	100	22393400-0100DW25A	Room 255 – drinking fountain
101	101	22393400-0101CF25A	Room 255 – classroom faucet
102	102	22393400-0102DW25A	Room 251 – drinking fountain
103	103	22393400-0103CF25A	Room 251 – classroom faucet

Relinquished By/Signature

Dale Voeller

Date/Time: 3/27/24 @ 2:50 PM

Received By/Signature:

Justin Ekenawi

Date/Time: 3/28/25 9:54



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Apex Laboratories

Jason Woodcock

Jason Woodcock, Project Manager

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4412 S Corbett Ave
Portland, OR 97239

Project: Hillsboro School District

Project Number: Rosedale ES/24013061

Project Manager: Dale Voeller

Report ID:

A5C1983 - 04 10 25 1156

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A5 C1983Project/Project #: Rosedale ES - Round 1 / 24013061/0003

Delivery Info:

Date/time received: 3/28/25 @ 954 By: JPEDelivered 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 @ 1100 By: JPEChain 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>20.1</u>	<u>19.6</u>					
Custody seals? (Y/N)	<u>N</u>	<u>N</u>					
Received on ice? (Y/N)	<u>N</u>	<u>N</u>					
Temp. blanks? (Y/N)	<u>N</u>	<u>N</u>					
Ice type: (Gel/Real/Other)	<u>NONE</u>	<u>NONE</u>					
Condition (In/Out)	<u>OUT</u>	<u>OUT</u>					

Cooler out of temp? ☒ (N) Possible reason why: DRINKING WATERSGreen 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 @ 1129 By: KNAll 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: A231172

Comments: _____

Labeled by:

KN

Witness:

MM

Cooler Inspected by:

KN

Form Y-003 R-02

Apex Laboratories

Jason Woodcock, Project Manager

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