Portland Public Schools
Lead Water Sampling Results
Initial Flush Sample Data
Beach - Test 008

Sample Identification #	Location	Date/Time Collected	Date Analyzed	Lab ID	Analyte	Results	Detection Limit	PPS Action Level*	Units
140-DF3086-A-008-A	Cafeteria	6/7/2022	6/14/2022	A2F0218-08	Lead	0.232	0.200	15	ppb
140-DF3101-A-008-A	Hallway (B21)	6/7/2022	6/14/2022	A2F0218-09	Lead	0.687	0.200	15	ppb
140-DF3108-A-008-A	Hallway (2C2)	6/7/2022	6/14/2022	A2F0218-04	Lead	ND	0.200	15	ppb
140-DF3110-A-008-A	Hallway (Main Office)	6/7/2022	6/14/2022	A2F0218-07	Lead	ND	0.200	15	ppb
140-DF3111-A-008-A	Hallway (2C1)	6/7/2022	6/14/2022	A2F0218-05	Lead	0.661	0.200	15	ppb
140-DF3119-A-008-A	Hallway (1C2)	6/7/2022	6/14/2022	A2F0218-06	Lead	ND	0.200	15	ppb
140-DF3132-A-008-A	Hallway (AC1)	6/7/2022	6/14/2022	A2F0218-03	Lead	ND	0.200	15	ppb
140-DF5779-NA-008-A	Staff Room	6/7/2022	6/15/2022	A2F0218-12	Lead	3.65	0.200	15	ppb
140-DF5780-A-008-A	Hallway (A6)	6/7/2022	6/14/2022	A2F0218-02	Lead	ND	0.200	15	ppb
140-DF5781-A-008-A	Hallway (Annex 105)	6/7/2022	6/14/2022	A2F0218-01	Lead	ND	0.200	15	ppb
140-DF5798-NA-008-A	Kitchen	6/7/2022	6/14/2022	A2F0218-10	Lead	1.81	0.200	15	ppb
140-DF5912-NA-008-A	Health Room	6/7/2022	6/14/2022	A2F0218-11	Lead	2.76	0.200	15	ppb

Analyzed by: Apex Laboratories

Reviewed by: PBS Engineering and Environmental

*OHA Action Level = 15ppb

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

ANALYTICAL REPORT

Friday, June 17, 2022

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

RE: A2F0218 - Portland Public Schools - Beach Elementary School/25000.219

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 A2F0218, which was received by the laboratory on 6/7/2022 at 1:28:00PM.

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

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

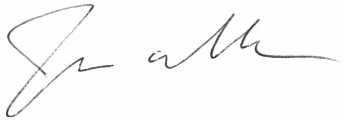
Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	21.7 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories



Jason Woodcock, Project Manager

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Apex Laboratories, LLC
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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

PBS Engineering and Environmental	Project: **Portland Public Schools**	
4412 S Corbett Ave	Project Number: **Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager: **Joel McCarthy**	**A2F0218 - 06 17 22 1019**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
140-DF5781-A-008-A	A2F0218-01	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF5780-A-008-A	A2F0218-02	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF3132-A-008-A	A2F0218-03	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF3108-A-008-A	A2F0218-04	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF3111-A-008-A	A2F0218-05	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF3119-A-008-A	A2F0218-06	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF3110-A-008-A	A2F0218-07	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF3086-A-008-A	A2F0218-08	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF3101-A-008-A	A2F0218-09	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF5798-NA-008-A	A2F0218-10	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF5912-NA-008-A	A2F0218-11	Drinking Water	06/07/22 00:00	06/07/22 13:28
140-DF5779-NA-008-A	A2F0218-12	Drinking Water	06/07/22 00:00	06/07/22 13:28

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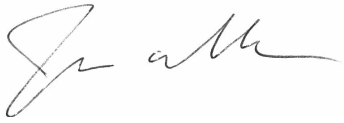

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

PBS Engineering and Environmental	Project: **Portland Public Schools**	
4412 S Corbett Ave	Project Number: **Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager: **Joel McCarthy**	**A2F0218 - 06 17 22 1019**

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
140-DF5781-A-008-A (A2F0218-01)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	ND	---	0.200	ug/L	1	06/14/22 23:13	EPA 200.8	
140-DF5780-A-008-A (A2F0218-02)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	ND	---	0.200	ug/L	1	06/14/22 23:24	EPA 200.8	
140-DF3132-A-008-A (A2F0218-03)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	ND	---	0.200	ug/L	1	06/14/22 23:28	EPA 200.8	
140-DF3108-A-008-A (A2F0218-04)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	ND	---	0.200	ug/L	1	06/14/22 23:31	EPA 200.8	
140-DF3111-A-008-A (A2F0218-05)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	**0.661**	---	0.200	ug/L	1	06/14/22 23:34	EPA 200.8	
140-DF3119-A-008-A (A2F0218-06)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	ND	---	0.200	ug/L	1	06/14/22 23:38	EPA 200.8	
140-DF3110-A-008-A (A2F0218-07)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	ND	---	0.200	ug/L	1	06/14/22 23:41	EPA 200.8	
140-DF3086-A-008-A (A2F0218-08)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	**0.232**	---	0.200	ug/L	1	06/14/22 23:44	EPA 200.8	
140-DF3101-A-008-A (A2F0218-09)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	**0.687**	---	0.200	ug/L	1	06/14/22 23:48	EPA 200.8	

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

PBS Engineering and Environmental	Project: **Portland Public Schools**	
4412 S Corbett Ave	Project Number: **Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager: **Joel McCarthy**	**A2F0218 - 06 17 22 1019**

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
140-DF5798-NA-008-A (A2F0218-10)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	**1.81**	---	0.200	ug/L	1	06/14/22 23:51	EPA 200.8	
140-DF5912-NA-008-A (A2F0218-11)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	**2.76**	---	0.200	ug/L	1	06/14/22 23:55	EPA 200.8	
140-DF5779-NA-008-A (A2F0218-12)				**Matrix: Drinking Water**				
Batch: 22F0509								
Lead	**3.65**	---	0.200	ug/L	1	06/15/22 00:07	EPA 200.8	

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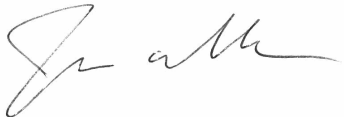

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

PBS Engineering and Environmental	Project: **Portland Public Schools**	
4412 S Corbett Ave	Project Number: **Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager: **Joel McCarthy**	**A2F0218 - 06 17 22 1019**

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 22F0509 - EPA 200.8 Direct Analysis											**Drinking Water**	
Blank (22F0509-BLK1)		Prepared: 06/14/22 17:01		Analyzed: 06/14/22 22:24								
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (22F0509-BS1)		Prepared: 06/14/22 17:01		Analyzed: 06/14/22 22:27								
EPA 200.8												
Lead	15.5	---	0.201	ug/L	1	15.0	---	103	85 - 115%	---	---	

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SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Prep: EPA 200.8 Direct Analysis

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22F0509							
A2F0218-01	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-02	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-03	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-04	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-05	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-06	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-07	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-08	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-09	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-10	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-11	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00
A2F0218-12	Drinking Water	EPA 200.8	06/07/22 00:00	06/14/22 17:01	10mL/10mL	10mL/10mL	1.00

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

PBS Engineering and Environmental	Project:	Portland Public Schools	
4412 S Corbett Ave	Project Number:	Beach Elementary School/2	Report ID:
Portland, OR 97239	Project Manager:	Joel McCarthy	A2F0218 - 06 17 22 1019

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

Apex Laboratories, LLC

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

ANALYTICAL REPORT

PBS Engineering and Environmental	Project: **Portland Public Schools**	
4412 S Corbett Ave	Project Number: **Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager: **Joel McCarthy**	**A2F0218 - 06 17 22 1019**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported.

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

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

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

Miscellaneous Notes:

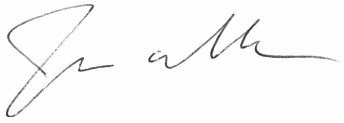
" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

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

Apex Laboratories



Jason Woodcock, Project Manager

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PBS Engineering and Environmental	Project:	**Portland Public Schools**	
4412 S Corbett Ave	Project Number:	**Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager:	**Joel McCarthy**	**A2F0218 - 06 17 22 1019**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

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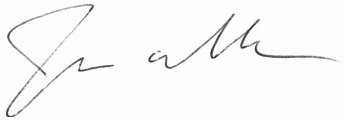

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PBS Engineering and Environmental	Project:	**Portland Public Schools**	
4412 S Corbett Ave	Project Number:	**Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager:	**Joel McCarthy**	**A2F0218 - 06 17 22 1019**

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.

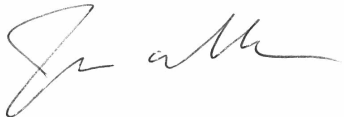
Subcontract Laboratory Accreditations

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 provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories



Jason Woodcock, Project Manager

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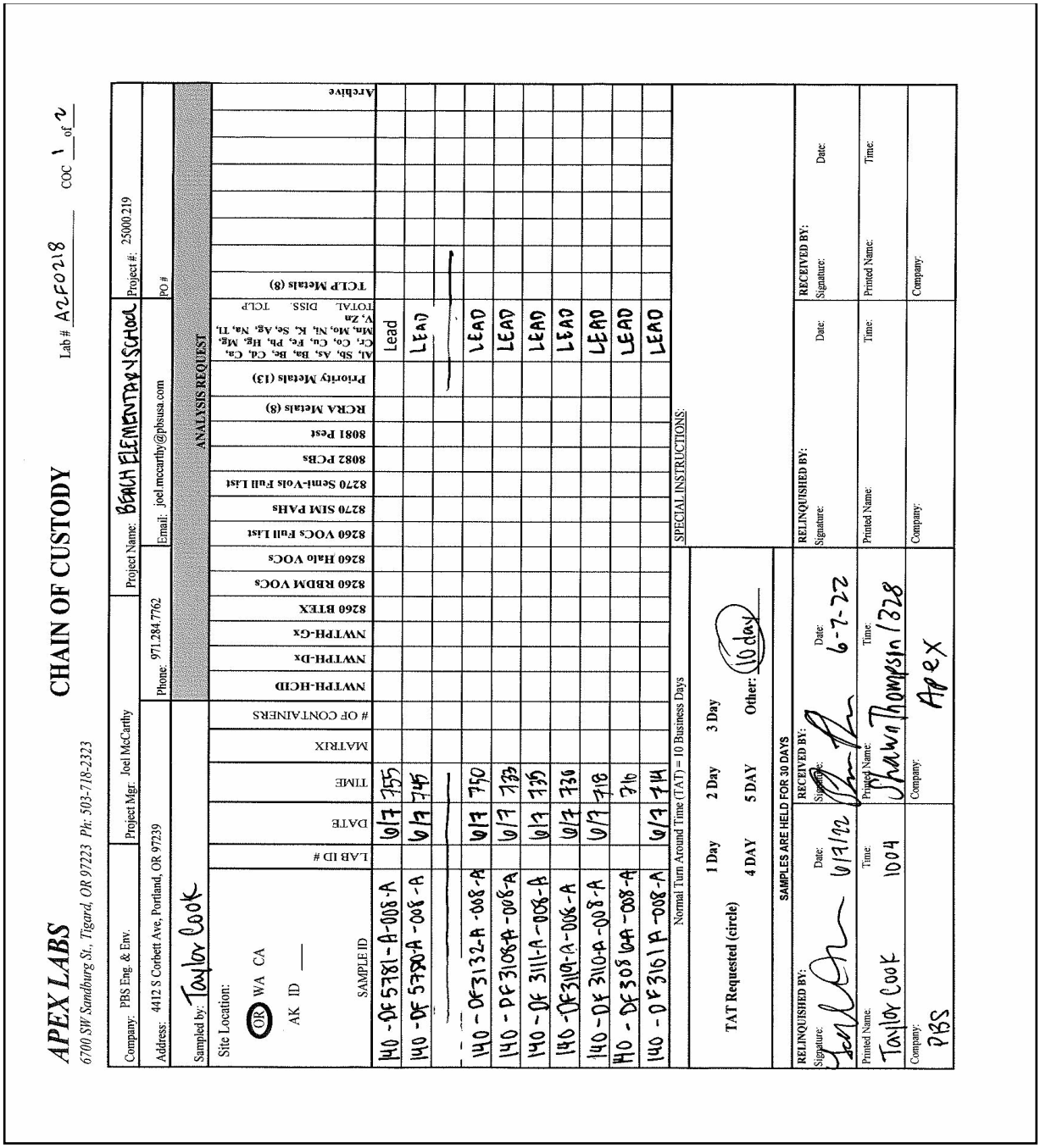
ANALYTICAL REPORT

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

Project: **Portland Public Schools**
Project Number: **Beach Elementary School/2**
Project Manager: **Joel McCarthy**

Report ID:
A2F0218 - 06 17 22 1019



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A2F0218 COC 1 of 2

Company: PBS Eng. & Env. | Project Mgr: Joel McCarthy | Project Name: BEACH ELEMENTARY SCHOOL | Project #: 25000.219
Address: 4412 S Corbett Ave, Portland, OR 97239 | Phone: 971.284.7762 | Email: joel.mccarthy@pbsusa.com | PO #
Sampled by: Taylor Cook

Site Location: (OR) WA CA / AK ID ___

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Archive
140-DF5781-A-008-A		6/7	755															Lead		
140-DF5790-A-008-A		6/9	745															LEAD		
140-DF3132-A-008-A		6/9	750															LEAD		
140-DF3108-A-008-A		6/9	733															LEAD		
140-DF3111-A-008-A		6/9	735															LEAD		
140-DF3110-A-008-A		6/9	736															LEAD		
140-DF3110-A-008-A		6/9	718															LEAD		
140-DF3086A-008-A			710															LEAD		
140-DF3161A-008-A		6/9	714															LEAD		

Normal Turn Around Time (TAT) = 10 Business Days

SPECIAL INSTRUCTIONS:

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: 10 day

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Taylor Cook Date: 6/9/22 Time: 1004 Printed Name: Taylor Cook Company: PBS

RECEIVED BY: Signature: Date: 6-7-22 Time: 1828 Printed Name: Shawn Thompson Company: Apex

RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:

RECEIVED BY: Signature: Date: Time: Printed Name: Company:

Apex Laboratories

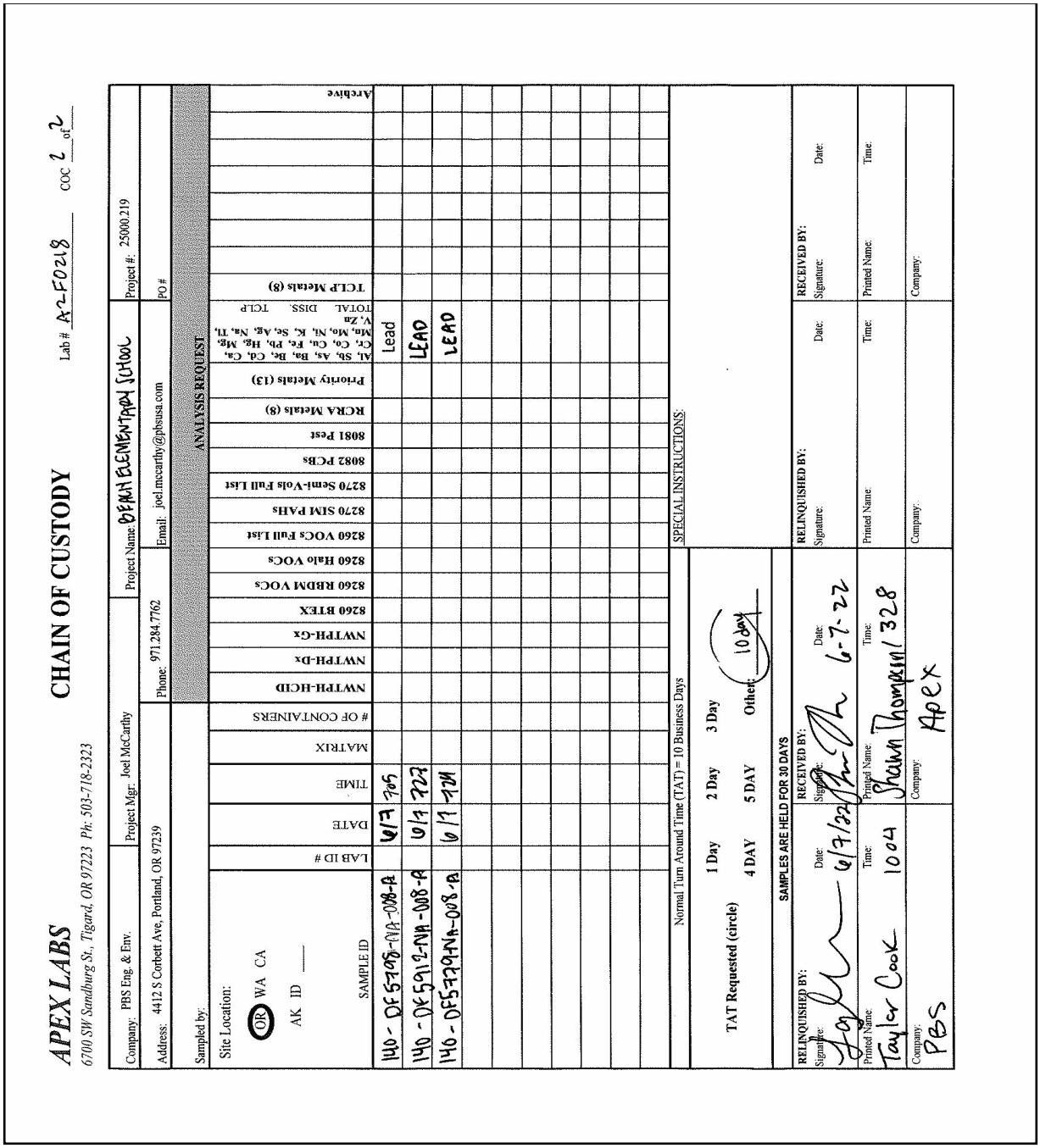
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jason Woodcock, Project Manager

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

ANALYTICAL REPORT

PBS Engineering and Environmental	Project: **Portland Public Schools**	
4412 S Corbett Ave	Project Number: **Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager: **Joel McCarthy**	**A2F0218 - 06 17 22 1019**



APEX LABS — CHAIN OF CUSTODY

6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

Lab # A2F0218 COC 2 of 2

Company: PBS Eng. & Env. | Project Mgr: Joel McCarthy | Project Name: BEACH ELEMENTARY SCHOOL | Project #: 25000.219

Address: 4412 S Corbett Ave, Portland, OR 97239 | Phone: 971.284.7762 | Email: joel.mccarthy@pbsusa.com | PO #

Sampled by:

Site Location: OR WA CA AK ID ___

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Archive
140-DF5798-NA-008-A		6/7	705																Lead		
140-DF5912-NA-008-A		6/7	727																LEAD		
140-DF5779-NA-008-A		6/7	724																LEAD		

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: 10 day

SAMPLES ARE HELD FOR 30 DAYS

SPECIAL INSTRUCTIONS:

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 6/7/22	Signature: [signature] Date: 6-7-22	Signature: Date:	Signature: Date:
Printed Name: Taylor Cook Time: 1004	Printed Name: Shawn Thompson Time: 1328	Printed Name: Time:	Printed Name: Time:
Company: PBS	Company: Apex	Company:	Company:

Apex Laboratories

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Jason Woodcock, Project Manager

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

ANALYTICAL REPORT

PBS Engineering and Environmental	Project: **Portland Public Schools**	
4412 S Corbett Ave	Project Number: **Beach Elementary School/2**	**Report ID:**
Portland, OR 97239	Project Manager: **Joel McCarthy**	**A2F0218 - 06 17 22 1019**

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A2F0218

Project/Project #: BEACH ELEMENTARY SCHOOL

Delivery Info:

Date/time received: 6-7-22 @ 1328 By: SAT

Delivered by: Apex X Client ESS FedEx UPS Swift Senvoy SDS Other

Cooler Inspection Date/time inspected: 6-7-22 @ 1421 By: SAT

Chain of Custody included? Yes + No Custody seals? Yes No +

Signed/dated by client? Yes + No

Signed/dated by Apex? Yes + No

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	21.7						
Received on ice? (Y/N)	N						
Temp. blanks? (Y/N)	N						
Ice type: (Gel/Real/Other)	N/A						
Condition:	Good						

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

Green dots applied to out of temperature samples? Yes No

Out of temperature samples form initiated? Yes No

Sample Inspection: Date/time inspected: 6-7-22 @ 1630 By: DJS

All samples intact? Yes X No Comments:

Bottle labels/COCs agree? Yes No X Comments: Sample reads 140-DE5798-A-008-A. No Dates or Times on containers.

COC/container discrepancies form initiated? Yes No X

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

Do VOA vials have visible headspace? Yes No NA X

Comments

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

Comments:

Additional information:

Labeled by: DJS Witness: KAM Cooler Inspected by: DJS