

September 17, 2020

Mark Jannone
Canton Area School District
509 E. Main Street
Canton, PA 17724

RE: Project: PB 9/9
Pace Project No.: 70145669

Dear Mark Jannone:

Enclosed are the analytical results for sample(s) received by the laboratory on September 12, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: PB 9/9
Pace Project No.: 70145669

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: PB 9/9
Pace Project No.: 70145669

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70145669001	ELEM KITCHEN	Drinking Water	09/09/20 09:25	09/12/20 11:15
70145669002	ELEM PRIMARY	Drinking Water	09/09/20 09:15	09/12/20 11:15
70145669003	ELEM GYM	Drinking Water	09/09/20 09:20	09/12/20 11:15
70145669004	HIGH KITCHEN	Drinking Water	09/09/20 10:08	09/12/20 11:15
70145669005	HIGH SCIENCE	Drinking Water	09/09/20 10:00	09/12/20 11:15
70145669006	HIGH SECOND FLOOR	Drinking Water	09/09/20 10:12	09/12/20 11:15

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SAMPLE ANALYTE COUNT

Project: PB 9/9
Pace Project No.: 70145669

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70145669001	ELEM KITCHEN	EPA 200.8	SLG	1	PASI-O
70145669002	ELEM PRIMARY	EPA 200.8	SLG	1	PASI-O
70145669003	ELEM GYM	EPA 200.8	SLG	1	PASI-O
70145669004	HIGH KITCHEN	EPA 200.8	SLG	1	PASI-O
70145669005	HIGH SCIENCE	EPA 200.8	SLG	1	PASI-O
70145669006	HIGH SECOND FLOOR	EPA 200.8	SLG	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

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ANALYTICAL RESULTS

Project: PB 9/9
Pace Project No.: 70145669

Sample: ELEM KITCHEN **Lab ID: 70145669001** Collected: 09/09/20 09:25 Received: 09/12/20 11:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Lead	0.0045	mg/L	0.0010	0.00022	1		09/16/20 18:40	7439-92-1	

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ANALYTICAL RESULTS

Project: PB 9/9
Pace Project No.: 70145669

Sample: ELEM PRIMARY **Lab ID: 70145669002** Collected: 09/09/20 09:15 Received: 09/12/20 11:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Lead	0.0046	mg/L	0.0010	0.00022	1		09/16/20 18:42	7439-92-1	

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ANALYTICAL RESULTS

Project: PB 9/9
Pace Project No.: 70145669

Sample: ELEM GYM **Lab ID: 70145669003** Collected: 09/09/20 09:20 Received: 09/12/20 11:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Lead	0.0019	mg/L	0.0010	0.00022	1		09/16/20 18:43	7439-92-1	

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ANALYTICAL RESULTS

Project: PB 9/9
Pace Project No.: 70145669

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HIGH KITCHEN Lab ID: 70145669004 Collected: 09/09/20 10:08 Received: 09/12/20 11:15 Matrix: Drinking Water									
200.8 MET ICPMS Drinking Water									
Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach									
Lead	<0.0010	mg/L	0.0010	0.00022	1		09/16/20 18:44	7439-92-1	

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ANALYTICAL RESULTS

Project: PB 9/9
Pace Project No.: 70145669

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HIGH SCIENCE									
Lab ID: 70145669005									
Collected: 09/09/20 10:00									
Received: 09/12/20 11:15									
Matrix: Drinking Water									
Analytical Method: EPA 200.8									
Pace Analytical Services - Ormond Beach									
Lead	<0.0010	mg/L	0.0010	0.00022	1		09/16/20 18:45	7439-92-1	

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ANALYTICAL RESULTS

Project: PB 9/9
Pace Project No.: 70145669

Sample: HIGH SECOND FLOOR Lab ID: 70145669006 Collected: 09/09/20 10:12 Received: 09/12/20 11:15 Matrix: Drinking Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water									
Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach									
Lead	0.0011	mg/L	0.0010	0.00022	1		09/16/20 19:05	7439-92-1	

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QUALITY CONTROL DATA

Project: PB 9/9
Pace Project No.: 70145669

QC Batch: 665900	Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8	Analysis Description: 200.8 MET No Prep Drinking Water
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 70145669001, 70145669002, 70145669003, 70145669004, 70145669005

METHOD BLANK: 3621462 Matrix: Water
Associated Lab Samples: 70145669001, 70145669002, 70145669003, 70145669004, 70145669005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	mg/L	<0.0010	0.0010	0.00022	09/16/20 18:48	

LABORATORY CONTROL SAMPLE: 3621463

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.05	0.049	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3621458 3621459

Parameter	Units	35577734001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec				
Lead	mg/L	0.00022U	0.05	0.05	0.045	0.051	90	101	70-130	11	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3621460 3621461

Parameter	Units	70145669005		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec				
Lead	mg/L	<0.0010	0.05	0.05	0.049	0.051	98	101	70-130	3	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: PB 9/9
Pace Project No.: 70145669

QC Batch: 665907	Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8	Analysis Description: 200.8 MET No Prep Drinking Water
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 70145669006

METHOD BLANK: 3621553 Matrix: Water
Associated Lab Samples: 70145669006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	mg/L	<0.0010	0.0010	0.00022	09/16/20 19:11	

LABORATORY CONTROL SAMPLE: 3621554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.05	0.049	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3621549 3621550

Parameter	Units	20171237001		3621550		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Lead	mg/L	ND	0.05	0.05	0.050	0.049	100	97	70-130	3	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3621551 3621552

Parameter	Units	75139933004		3621552		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Lead	mg/L	ND	0.05	0.05	0.050	0.049	100	97	70-130	3	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: PB 9/9
Pace Project No.: 70145669

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PB 9/9
Pace Project No.: 70145669

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70145669001	ELEM KITCHEN	EPA 200.8	665900		
70145669002	ELEM PRIMARY	EPA 200.8	665900		
70145669003	ELEM GYM	EPA 200.8	665900		
70145669004	HIGH KITCHEN	EPA 200.8	665900		
70145669005	HIGH SCIENCE	EPA 200.8	665900		
70145669006	HIGH SECOND FLOOR	EPA 200.8	665907		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields
Billing Information:

Company: **Condon School**

Address: **Condon School**

Report To: _____

Copy To: _____

Customer Project Name/Number: _____

Phone: _____

Email: _____

Collected By (print): _____

Quote #: _____

Turnaround Date Required: _____

Sample Disposal: _____

Rush: _____

State: _____ County/City: _____

Time Zone Collected: _____

Compliance Monitoring? _____

DW PWS ID #: _____

DW Location Code: _____

Immediately Packed on Ice: _____

Field Filtered (if applicable): _____

Analysis: _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns
" "	Primaria	DW	9.9	9:15				
High	JYM	DW	9.9	9:20				
" "	Kitch	DW	9.9	1008				
" "	Sierra	DW	9.9	1000				
" "	second Floor	DW	9.9	1012				

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Remarks / Special Conditions / Possible Hazards: _____

Type of Ice Used: Wet Blue Dry None

Packing Material Used: **None**

Radchem sample(s) screened (<500 cpm): **Y N NA**

Received by/Company: (Signature) **WMA**

Received by/Company: (Signature) **K**

Received by/Company: (Signature) **span**

Date/Time: **9-10-20 1505**

Date/Time: **9-10-20 1505**

Date/Time: **9-10-20 1640**

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or WO#: **70145669**

LAB USE ONLY

Object Manager: **JSA**

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses	Y	N	NA
Lab Sample Receipt Checklist:			
Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signatures Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
CI Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			
LAB USE ONLY:			
Lab Sample # / Comments:			

LAB Sample Temperature Info:

Temp Blank Received: **Y N NA**

Therm ID#: **TH0912**

Cooler 1 Temp Upon Receipt: **31.0C**

Cooler 1 Therm Corr. Factor: **0C**

Cooler 1 Corrected Temp: **31.0C**

Comments: _____

SHORT HOLDS PRESENT (<72 hours): **Y N NA**

Lab Tracking #: **4887 0944 060**

Samples received via: **FEDEX UPS Client Courier Race Courier**

Date/Time: **9-10-20 0926**

Date/Time: **9/10/20 1505**

Date/Time: **9/12/20 11:15**

Table #: _____

Acctnum: _____

Template: _____

Prelogin: _____

PM: _____

PB: _____

Trip Blank Received: **Y N NA**

HCL MeOH TSP Other

Non Conformance(s): **YES / NO**

Page: _____ of: _____