

September 20, 2021

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

RE: Project: Lead Testing
Pace Project No.: 30439864

Dear Mark Jannone:

Enclosed are the analytical results for sample(s) received by the laboratory on September 09, 2021. 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,



Samantha Merrill
samantha.merrill@pacelabs.com
(570)326-4001
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Lead Testing

Pace Project No.: 30439864

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

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

Maine Certification #: FL01264

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: Lead Testing

Pace Project No.: 30439864

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30439864001	HS Kitchen 3 Bay Sink	Drinking Water	09/03/21 06:43	09/09/21 15:40
30439864002	HS Art Room Sink	Drinking Water	09/03/21 06:46	09/09/21 15:40
30439864003	HS Room 112 Fountain	Drinking Water	09/03/21 06:40	09/09/21 15:40
30439864004	Elem Kitchen	Drinking Water	09/03/21 08:30	09/09/21 15:40
30439864005	C-Wing Elem Boys RR Sink	Drinking Water	09/03/21 08:30	09/09/21 15:40
30439864006	D-Wing Elem Gym lobby boys rr	Drinking Water	09/03/21 08:30	09/09/21 15:40

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SAMPLE ANALYTE COUNT

Project: Lead Testing

Pace Project No.: 30439864

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30439864001	HS Kitchen 3 Bay Sink	EPA 200.8	PMB	1	PASI-O
30439864002	HS Art Room Sink	EPA 200.8	PMB	1	PASI-O
30439864003	HS Room 112 Fountain	EPA 200.8	PMB	1	PASI-O
30439864004	Elem Kitchen	EPA 200.8	PMB	1	PASI-O
30439864005	C-Wing Elem Boys RR Sink	EPA 200.8	PMB	1	PASI-O
30439864006	D-Wing Elem Gym lobby boys rr	EPA 200.8	PMB	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Lead Testing
Pace Project No.: 30439864

Sample: HS Kitchen 3 Bay Sink		Lab ID: 30439864001	Collected: 09/03/21 06:43	Received: 09/09/21 15:40	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	ND	mg/L	0.0010	1		09/19/21 18:00	7439-92-1	
Sample: HS Art Room Sink		Lab ID: 30439864002	Collected: 09/03/21 06:46	Received: 09/09/21 15:40	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	ND	mg/L	0.0010	1		09/19/21 18:01	7439-92-1	
Sample: HS Room 112 Fountain		Lab ID: 30439864003	Collected: 09/03/21 06:40	Received: 09/09/21 15:40	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	ND	mg/L	0.0010	1		09/19/21 18:03	7439-92-1	
Sample: Elem Kitchen		Lab ID: 30439864004	Collected: 09/03/21 08:30	Received: 09/09/21 15:40	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	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	1		09/19/21 18:04	7439-92-1	
Sample: C-Wing Elem Boys RR Sink		Lab ID: 30439864005	Collected: 09/03/21 08:30	Received: 09/09/21 15:40	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	0.0012	mg/L	0.0010	1		09/19/21 18:05	7439-92-1	

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ANALYTICAL RESULTS

Project: Lead Testing

Pace Project No.: 30439864

Sample: D-Wing Elem Gym lobby boys rr		Lab ID: 30439864006	Collected: 09/03/21 08:30	Received: 09/09/21 15:40	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	0.0012	mg/L	0.0010	1		09/19/21 18:07	7439-92-1	

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QUALITY CONTROL DATA

Project: Lead Testing
Pace Project No.: 30439864

QC Batch:	762726	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: 30439864001, 30439864002, 30439864003, 30439864004, 30439864005, 30439864006

METHOD BLANK: 4168503 Matrix: Water
Associated Lab Samples: 30439864001, 30439864002, 30439864003, 30439864004, 30439864005, 30439864006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	ND	0.0010	09/20/21 11:38	

LABORATORY CONTROL SAMPLE: 4168504

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.05	0.046	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4168505 4168506

Parameter	Units	20219595011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	0.0031	0.05	0.05	0.075	0.064	144	121	70-130	17	20	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4168507 4168508

Parameter	Units	30439948003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	0.0075	0.05	0.05	0.083	0.085	152	154	70-130	1	20	M1

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: Lead Testing
Pace Project No.: 30439864

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lead Testing

Pace Project No.: 30439864

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30439864001	HS Kitchen 3 Bay Sink	EPA 200.8	762726		
30439864002	HS Art Room Sink	EPA 200.8	762726		
30439864003	HS Room 112 Fountain	EPA 200.8	762726		
30439864004	Elem Kitchen	EPA 200.8	762726		
30439864005	C-Wing Elem Boys RR Sink	EPA 200.8	762726		
30439864006	D-Wing Elem Gym lobby boys rr	EPA 200.8	762726		

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WO# : 30439864



30439864

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be filled out. Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com>

Section A

Required Client Information:

Company:	Canton Area School District	Report To:	Mark Jannone
Address:	509 E. Main Street	Copy To:	
Canton, PA 17724		Purchase Order #:	
Email: mjannone@canton.k12.pa.us		Project Name:	Lead Testing
Phone: (570) 337-5984	Fax:		
Requested Due Date:			

Section B

Invoice Information:

Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	samantha.merrill@pacelabs.com
Pace Profile #:	11565

Section C

Requested Analysis Filtered (Y/N)

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES		Analyses Test Y/N	200.8 Lead	Residual Chlorine (Y/N)	Requested Analysis Filtered (Y/N)	RECEIVED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS		Received on	Custody (Y/N)	Sealed (Y/N)	Cooler (Y/N)	Samples (Y/N)
			START	END				DATE	TIME					DATE	TIME	DATE	TIME	DATE	TIME							
1	Drinking Water	DW																								
2	Water	WT																								
3	Waste Water	WW																								
4	Product	P																								
5	Soil/Solid	SL																								
6	Oil	OL																								
7	Wipe	WP																								
8	Air	AR																								
9	Other	OT																								
10	Tissue	TS																								
11																										
12																										

Pace Container Order #853967

Addresses

Order By :

Company Canton Area School District
 Contact Jannone, Mark
 Email mjannone@canton.k12.pa.us
 Address 509 E. Main Street
 Address 2 _____
 City Canton
 State PA Zip 17724
 Phone (570)337-5984

Ship To :

Company Canton Area School District
 Contact Jannone, Mark
 Email mjannone@canton.k12.pa.us
 Address 509 E. Main Street
 Address 2 _____
 City Canton
 State PA Zip 17724
 Phone (570)337-5984

Return To:

Company Pace Analytical Williamsport
 Contact Merrill, Samantha
 Email samantha.merrill@pacelabs.com
 Address 2829 Reach Rd
 Address 2 _____
 City Williamsport
 State PA Zip 17701
 Phone (570)326-4001

Info

Project Name Lead Testing Due Date 08/31/2021 Profile 11565 Quote _____
 Project Manager Merrill, Samantha Return Date _____ Carrier Pace Courier Location _____

Trip Blanks

☐ Include Trip Blanks

Bottle Labels

☐ Blank
☒ Pre-Printed No Sample IDs
☐ Pre-Printed With Sample IDs

Bottles

☐ Boxed Cases
☐ Individually Wrapped
☐ Grouped By Sample ID/Matrix

Return Shipping Labels

☐ No Shipper
☐ With Shipper

Misc

☒ Sampling Instructions
☒ Custody Seal
☐ Temp. Blanks
☐ Coolers _____
☐ Syringes _____
☐ Extra Bubble Wrap
☐ Short Hold/Rush Stickers
☐ DI Water Liter(s)
☐ USDA Regulated Soils

COC Options

☐ Number of Blanks _____
☒ Pre-Printed paceport

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
6	DW	200.8 Lead	BP3N	6	0	052421-2EIZ	

Hazard Shipping Placard In Place : NO

'Sample receiving hours are Mon-Fri 8:00am-5:00pm unless special arrangements are made with your project manager.

'Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

'Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

'Payment term are net 30 days.

'Please include the proposal number on the chain of custody to insure proper billing.

LAB USE:

Ship Date : 08/31/2021

Prepared By: DMB

Verified By: DMB

Sample

CLIENT USE (Optional):

Date Rec'd: _____

Received By: _____

Verified By: _____

Page 11 of 12



Williamsport Lab Sample Condition Upon

WO#: 30439864

Client Name: Canton Area SD

PM: SLM

Due Date: 09/21/21

CLIENT: WP-CANTON SD

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other

Tracking #: MA

LIMS Login

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Thermometer Used 7 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 11.0 °C Correction Factor: 0 °C Final Temp: 11.0 °C

Temp should be above freezing to 6°C

Comments:	Yes	No	N/A	pH paper Lot#	Date and Initials of person examining contents:
Chain of Custody Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	210019	REF 9/19/21
Chain of Custody Filled Out:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Chain of Custody Relinquished:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Sampler Name & Signature on COC:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Sample Labels match COC:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
-Includes date/time/ID Matrix:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Short Hold Time Analysis (<72hr remaining):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Rush Turn Around Time Requested:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Sufficient Volume:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Correct Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
-Pace Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Containers Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Orthophosphate field filtered	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Hex Cr Aqueous sample field filtered	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Organic Samples checked for dechlorination:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Filtered volume received for Dissolved tests	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
All containers have been checked for preservation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, Non-aqueous matrix	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
All containers meet method preservation requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial when completed	Date/time of preservation
				Lot # of added preservative	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Trip Blank Present:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Trip Blank Custody Seals Present	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rad Samples Screened < 0.5 mrem/hr	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Initial when completed	Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution:

used information on samples to get information,
HS Kitchen 3 Bay Sink 9/3/21 0643
HS RR Room Sink 9/3/21 0646
HS Room 112 Fountain 9/3/21 0640

☐ A check in this box indicates that additional information has been stored in ereports.

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Elem Kitchen 9/3/21 0830
C - King Elem Bay 5 RR Sink 9/3/21 0830
D - King Elem gym lobby Bay 5 RR Sink 9/3/21 0830