

July 8, 2020

Mike Nickerson, CHMM  
Environmental/Safety Coordinator  
Central Bucks School District  
320 West Swamp Road  
Doylestown, PA 18901

**Re: Lead in Drinking Water Sample Collection and Reporting  
Central Bucks West High School  
375 W Court Street  
Doylestown, PA 18901  
Bucks County, Pennsylvania**

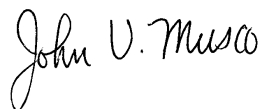
Dear Mr. Nickerson:

This document has been prepared by Langan to provide the results of the drinking water sampling activities at the above referenced school. Langan sampled the drinking water sources (e.g. fountains, sink faucets, etc.) on June 5, 2020 as identified by the Central Bucks School District facility inventory. The collected samples were sent to the Pennsylvania certified environmental laboratory, PACE Analytical, and analyzed for total lead by USEPA Method 200.8, to meet Pennsylvania's action level requirements.

The results did not detect any exceedances at this school of the Pennsylvania Action Level of 15 micrograms per liter (ug/L).

A field sketch of the sampling locations and copy of the laboratory report is attached.

Sincerely,  
**Langan Engineering & Environmental Services, Inc.**



John V. Musco  
Associate

Enclosure  
cc: B. Lambing - Langan

NJ Certificate of Authorization No. 24GA27996400

\\langan.com\data\DYL\data4\200130402\Project Data\Record Data\Reports\Day 7\_6-5-2020\_Doyle\_Lenape\_West\_West Stad\West High School\West HS\_Lead\_Sampling\_Memo.docx

July 07, 2020

Bill Lambing  
Langan Engineering  
2700 Kelly Road  
Suite 200  
Warrington, PA 18976

RE: Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Dear Bill Lambing:

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



Sophia Sparkes  
sophia.sparkes@pacelabs.com  
(631)694-3040  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

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### **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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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: CENTRAL BUCKS SCHOOL (CB WEST)

Pace Project No.: 70133940

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70133940001	F129A-20	EPA 200.8	SLG	1	PASI-O
70133940002	F129B-20	EPA 200.8	SLG	1	PASI-O
70133940003	F115-20	EPA 200.8	SLG	1	PASI-O
70133940004	F139B-20	EPA 200.8	SLG	1	PASI-O
70133940005	F139C-20	EPA 200.8	SLG	1	PASI-O
70133940006	F141A-20	EPA 200.8	SLG	1	PASI-O
70133940007	F141B-20	EPA 200.8	SLG	1	PASI-O
70133940008	F141C-20	EPA 200.8	SLG	1	PASI-O
70133940009	F139A-20	EPA 200.8	SLG	1	PASI-O
70133940010	E112-20	EPA 200.8	SLG	1	PASI-O
70133940011	E112A-20	EPA 200.8	SLG	1	PASI-O
70133940012	E110A-20	EPA 200.8	SLG	1	PASI-O
70133940013	E110B-20	EPA 200.8	SLG	1	PASI-O
70133940014	E110-20	EPA 200.8	SLG	1	PASI-O
70133940015	F102A-20	EPA 200.8	SLG	1	PASI-O
70133940016	F102B-20	EPA 200.8	SLG	1	PASI-O
70133940017	G102A-20	EPA 200.8	SLG	1	PASI-O
70133940018	G102B-20	EPA 200.8	SLG	1	PASI-O
70133940019	G105-20	EPA 200.8	SLG	1	PASI-O
70133940020	E100F-20	EPA 200.8	SLG	1	PASI-O
70133940021	E106B-20	EPA 200.8	SLG	1	PASI-O
70133940022	E108-20	EPA 200.8	SLG	1	PASI-O
70133940023	D117F-20	EPA 200.8	SLG	1	PASI-O
70133940024	D102F-20	EPA 200.8	SLG	1	PASI-O
70133940025	D102B-20	EPA 200.8	SLG	1	PASI-O
70133940026	A104-20	EPA 200.8	SLG	1	PASI-O
70133940027	A114-20	EPA 200.8	SLG	1	PASI-O
70133940028	C117F-20	EPA 200.8	SLG	1	PASI-O
70133940029	C103F-20	EPA 200.8	SLG	1	PASI-O
70133940030	C104A-20	EPA 200.8	SLG	1	PASI-O
70133940031	C104B-20	EPA 200.8	SLG	1	PASI-O
70133940032	C106A-20	EPA 200.8	SLG	1	PASI-O
70133940033	C106B-20	EPA 200.8	SLG	1	PASI-O
70133940034	C106C-20	EPA 200.8	SLG	1	PASI-O
70133940035	C106D-20	EPA 200.8	SLG	1	PASI-O
70133940036	C106E-20	EPA 200.8	SLG	1	PASI-O
70133940037	C106F-20	EPA 200.8	SLG	1	PASI-O

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### SAMPLE ANALYTE COUNT

Project: CENTRAL BUCKS SCHOOL (CB WEST)

Pace Project No.: 70133940

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70133940038	B104-20	EPA 200.8	SLG	1	PASI-O
70133940039	B102-20	EPA 200.8	SLG	1	PASI-O
70133940040	B112F-20	EPA 200.8	SLG	1	PASI-O
70133940041	C139-20	EPA 200.8	SLG	1	PASI-O
70133940042	C130-20	EPA 200.8	SLG	1	PASI-O
70133940043	D139F-20	EPA 200.8	SLG	1	PASI-O
70133940044	A204-20	EPA 200.8	SLG	1	PASI-O
70133940045	A224-20	EPA 200.8	SLG	1	PASI-O
70133940046	B212-20	EPA 200.8	SLG	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: F129A-20	Lab ID: 70133940001	Collected: 06/05/20 08:06	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 08:44	7439-92-1	

Sample: F129B-20	Lab ID: 70133940002	Collected: 06/05/20 08:06	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 08:45	7439-92-1	

Sample: F115-20	Lab ID: 70133940003	Collected: 06/05/20 09:08	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 08:46	7439-92-1	

Sample: F139B-20	Lab ID: 70133940004	Collected: 06/05/20 08:11	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 08:47	7439-92-1	

Sample: F139C-20	Lab ID: 70133940005	Collected: 06/05/20 08:08	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 08:49	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)

Pace Project No.: 70133940

Sample: F141A-20	Lab ID: 70133940006	Collected: 06/05/20 08:13	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0017</b>	mg/L	0.0010	1		07/07/20 08:50	7439-92-1	

Sample: F141B-20	Lab ID: 70133940007	Collected: 06/05/20 08:13	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0021</b>	mg/L	0.0010	1		07/07/20 08:51	7439-92-1	

Sample: F141C-20	Lab ID: 70133940008	Collected: 06/05/20 08:13	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0011</b>	mg/L	0.0010	1		07/07/20 08:56	7439-92-1	

Sample: F139A-20	Lab ID: 70133940009	Collected: 06/05/20 08:17	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 08:57	7439-92-1	

Sample: E112-20	Lab ID: 70133940010	Collected: 06/05/20 08:21	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 08:58	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: E112A-20	Lab ID: 70133940011	Collected: 06/05/20 08:21	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0013</b>	mg/L	0.0010	1		07/07/20 08:59	7439-92-1	

Sample: E110A-20	Lab ID: 70133940012	Collected: 06/05/20 08:20	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:00	7439-92-1	

Sample: E110B-20	Lab ID: 70133940013	Collected: 06/05/20 08:20	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:02	7439-92-1	

Sample: E110-20	Lab ID: 70133940014	Collected: 06/05/20 08:25	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:03	7439-92-1	

Sample: F102A-20	Lab ID: 70133940015	Collected: 06/05/20 09:04	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:04	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: F102B-20	Lab ID: 70133940016	Collected: 06/05/20 09:04	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:05	7439-92-1	

Sample: G102A-20	Lab ID: 70133940017	Collected: 06/05/20 09:05	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:06	7439-92-1	

Sample: G102B-20	Lab ID: 70133940018	Collected: 06/05/20 09:05	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:11	7439-92-1	

Sample: G105-20	Lab ID: 70133940019	Collected: 06/05/20 09:05	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:12	7439-92-1	

Sample: E100F-20	Lab ID: 70133940020	Collected: 06/05/20 08:28	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:18	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: E106B-20	Lab ID: 70133940021	Collected: 06/05/20 08:27	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:22	7439-92-1	

Sample: E108-20	Lab ID: 70133940022	Collected: 06/05/20 08:29	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:26	7439-92-1	

Sample: D117F-20	Lab ID: 70133940023	Collected: 06/05/20 08:30	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:27	7439-92-1	

Sample: D102F-20	Lab ID: 70133940024	Collected: 06/05/20 08:33	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:28	7439-92-1	

Sample: D102B-20	Lab ID: 70133940025	Collected: 06/05/20 08:03	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:29	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: A104-20	Lab ID: 70133940026	Collected: 06/05/20 08:36	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:30	7439-92-1	

Sample: A114-20	Lab ID: 70133940027	Collected: 06/05/20 08:37	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0032</b>	mg/L	0.0010	1		07/07/20 09:31	7439-92-1	

Sample: C117F-20	Lab ID: 70133940028	Collected: 06/05/20 08:38	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:33	7439-92-1	

Sample: C103F-20	Lab ID: 70133940029	Collected: 06/05/20 08:40	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:34	7439-92-1	

Sample: C104A-20	Lab ID: 70133940030	Collected: 06/05/20 08:41	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:35	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: C104B-20	Lab ID: 70133940031	Collected: 06/05/20 08:41	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:36	7439-92-1	
<b>Sample: C106A-20</b>	<b>Lab ID: 70133940032</b>	Collected: 06/05/20 08:43	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 09:41	7439-92-1	
<b>Sample: C106B-20</b>	<b>Lab ID: 70133940033</b>	Collected: 06/05/20 08:43	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0011</b>	mg/L	0.0010	1		07/07/20 09:42	7439-92-1	
<b>Sample: C106C-20</b>	<b>Lab ID: 70133940034</b>	Collected: 06/05/20 08:43	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0014</b>	mg/L	0.0010	1		07/07/20 09:43	7439-92-1	
<b>Sample: C106D-20</b>	<b>Lab ID: 70133940035</b>	Collected: 06/05/20 08:43	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0022</b>	mg/L	0.0010	1		07/07/20 09:45	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: C106E-20	Lab ID: 70133940036	Collected: 06/05/20 08:43	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:46	7439-92-1	
<b>Sample: C106F-20</b>	<b>Lab ID: 70133940037</b>	Collected: 06/05/20 08:43	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:47	7439-92-1	
<b>Sample: B104-20</b>	<b>Lab ID: 70133940038</b>	Collected: 06/05/20 08:54	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:48	7439-92-1	
<b>Sample: B102-20</b>	<b>Lab ID: 70133940039</b>	Collected: 06/05/20 08:54	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 09:49	7439-92-1	
<b>Sample: B112F-20</b>	<b>Lab ID: 70133940040</b>	Collected: 06/05/20 08:51	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<0.0010	mg/L	0.0010	1		07/07/20 10:01	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Sample: C139-20	Lab ID: 70133940041	Collected: 06/05/20 08:50	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 10:03	7439-92-1	
<b>Sample: C130-20</b>	<b>Lab ID: 70133940042</b>	Collected: 06/05/20 08:48	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>0.0021</b>	mg/L	0.0010	1		07/07/20 10:04	7439-92-1	
<b>Sample: D139F-20</b>	<b>Lab ID: 70133940043</b>	Collected: 06/05/20 08:46	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 10:05	7439-92-1	
<b>Sample: A204-20</b>	<b>Lab ID: 70133940044</b>	Collected: 06/05/20 08:59	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 10:06	7439-92-1	
<b>Sample: A224-20</b>	<b>Lab ID: 70133940045</b>	Collected: 06/05/20 09:00	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	<b>&lt;0.0010</b>	mg/L	0.0010	1		07/07/20 10:10	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CB WEST)

Pace Project No.: 70133940

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: B212-20</b>								
<b>Lab ID: 70133940046</b>								
Collected: 06/05/20 08:59								
Received: 06/09/20 10:45								
Matrix: Drinking Water								
<b>200.8 MET ICPMS Drinking Water</b>								
Analytical Method: EPA 200.8								
Pace Analytical Services - Ormond Beach								
Lead	<0.0010	mg/L	0.0010	1		07/07/20 10:11	7439-92-1	

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

QC Batch:	646037	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: 70133940001, 70133940002, 70133940003, 70133940004, 70133940005, 70133940006, 70133940007, 70133940008, 70133940009, 70133940010, 70133940011, 70133940012, 70133940013, 70133940014, 70133940015, 70133940016, 70133940017, 70133940018, 70133940019

METHOD BLANK: 3512315 Matrix: Water  
Associated Lab Samples: 70133940001, 70133940002, 70133940003, 70133940004, 70133940005, 70133940006, 70133940007, 70133940008, 70133940009, 70133940010, 70133940011, 70133940012, 70133940013, 70133940014, 70133940015, 70133940016, 70133940017, 70133940018, 70133940019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0010	0.0010	07/07/20 09:16	

LABORATORY CONTROL SAMPLE: 3512316

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.05	0.046	92	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3512311 3512312

Parameter	Units	70133936029		3512312		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Lead	mg/L	0.0013	0.05	0.049	0.049	95	95	70-130	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3512313 3512314

Parameter	Units	70133940019		3512314		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Lead	mg/L	<0.0010	0.05	0.049	0.047	98	93	70-130	5	

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**QUALITY CONTROL DATA**

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

QC Batch: 646038 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: 70133940020, 70133940021, 70133940022, 70133940023, 70133940024, 70133940025, 70133940026, 70133940027, 70133940028, 70133940029, 70133940030, 70133940031, 70133940032, 70133940033, 70133940034, 70133940035, 70133940036, 70133940037, 70133940038, 70133940039

METHOD BLANK: 3512323 Matrix: Water  
Associated Lab Samples: 70133940020, 70133940021, 70133940022, 70133940023, 70133940024, 70133940025, 70133940026, 70133940027, 70133940028, 70133940029, 70133940030, 70133940031, 70133940032, 70133940033, 70133940034, 70133940035, 70133940036, 70133940037, 70133940038, 70133940039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0010	0.0010	07/07/20 09:55	

LABORATORY CONTROL SAMPLE: 3512324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.05	0.047	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3512319 3512320

Parameter	Units	70133940020		3512319		3512320		% Rec	% Rec	% Rec Limits	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					
Lead	mg/L	<0.0010	0.05	0.05	0.050	0.050	99	100	70-130	0		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3512321 3512322

Parameter	Units	70133940039		3512321		3512322		% Rec	% Rec	% Rec Limits	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					
Lead	mg/L	<0.0010	0.05	0.05	0.049	0.049	97	98	70-130	1		

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

QC Batch:	646052	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: 70133940040, 70133940041, 70133940042, 70133940043, 70133940044, 70133940045, 70133940046

METHOD BLANK: 3512371 Matrix: Water  
Associated Lab Samples: 70133940040, 70133940041, 70133940042, 70133940043, 70133940044, 70133940045, 70133940046

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0010	0.0010	07/07/20 10:31	

LABORATORY CONTROL SAMPLE: 3512372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.05	0.047	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3512367 3512368

Parameter	Units	35559875001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
Lead	mg/L	0.00033 J	0.05	0.05	0.052	0.053	104	104	70-130	1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3512369 3512370

Parameter	Units	92483816002 Result	MS	MSD	MS	MSD	MS	MSD	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
Lead	mg/L	0.00022	0.05	0.05	0.051	0.051	102	102	70-130	0	

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## QUALIFIERS

Project: CENTRAL BUCKS SCHOOL (CB WEST)

Pace Project No.: 70133940

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### 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: CENTRAL BUCKS SCHOOL (CB WEST)  
Pace Project No.: 70133940

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70133940001	F129A-20	EPA 200.8	646037		
70133940002	F129B-20	EPA 200.8	646037		
70133940003	F115-20	EPA 200.8	646037		
70133940004	F139B-20	EPA 200.8	646037		
70133940005	F139C-20	EPA 200.8	646037		
70133940006	F141A-20	EPA 200.8	646037		
70133940007	F141B-20	EPA 200.8	646037		
70133940008	F141C-20	EPA 200.8	646037		
70133940009	F139A-20	EPA 200.8	646037		
70133940010	E112-20	EPA 200.8	646037		
70133940011	E112A-20	EPA 200.8	646037		
70133940012	E110A-20	EPA 200.8	646037		
70133940013	E110B-20	EPA 200.8	646037		
70133940014	E110-20	EPA 200.8	646037		
70133940015	F102A-20	EPA 200.8	646037		
70133940016	F102B-20	EPA 200.8	646037		
70133940017	G102A-20	EPA 200.8	646037		
70133940018	G102B-20	EPA 200.8	646037		
70133940019	G105-20	EPA 200.8	646037		
70133940020	E100F-20	EPA 200.8	646038		
70133940021	E106B-20	EPA 200.8	646038		
70133940022	E108-20	EPA 200.8	646038		
70133940023	D117F-20	EPA 200.8	646038		
70133940024	D102F-20	EPA 200.8	646038		
70133940025	D102B-20	EPA 200.8	646038		
70133940026	A104-20	EPA 200.8	646038		
70133940027	A114-20	EPA 200.8	646038		
70133940028	C117F-20	EPA 200.8	646038		
70133940029	C103F-20	EPA 200.8	646038		
70133940030	C104A-20	EPA 200.8	646038		
70133940031	C104B-20	EPA 200.8	646038		
70133940032	C106A-20	EPA 200.8	646038		
70133940033	C106B-20	EPA 200.8	646038		
70133940034	C106C-20	EPA 200.8	646038		
70133940035	C106D-20	EPA 200.8	646038		
70133940036	C106E-20	EPA 200.8	646038		
70133940037	C106F-20	EPA 200.8	646038		
70133940038	B104-20	EPA 200.8	646038		
70133940039	B102-20	EPA 200.8	646038		
70133940040	B112F-20	EPA 200.8	646052		
70133940041	C139-20	EPA 200.8	646052		
70133940042	C130-20	EPA 200.8	646052		
70133940043	D139F-20	EPA 200.8	646052		
70133940044	A204-20	EPA 200.8	646052		
70133940045	A224-20	EPA 200.8	646052		
70133940046	B212-20	EPA 200.8	646052		

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