

July 7, 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 South High School  
1100 Folly Road  
Warrington, PA 18976  
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 4, 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.

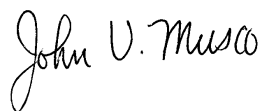
The results did not detect any exceedances at this school of the Pennsylvania Action Level of 15 micrograms per liter (ug/L).

Also, as requested by CBSD, below is a location with lead results above 10 ug/L, but below Pennsylvania Action Level of 15 ug/L:

<u>Location</u>	<u>Sample ID</u>	<u>Result</u>
B205D	B205D-20	11.0 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 6\_6-4-2020\_South\_South Stad\South HS\South\_HS\_Lead\_Sampling\_Memo.docx

July 01, 2020

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

RE: Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

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 - Melville

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 SOUTH)

Pace Project No.: 70133943

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### **Pace Analytical Services Long Island**

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70133943001	D228A-20	EPA 200.8	AKS	1	PACE-MV

PACE-MV = Pace Analytical Services - Melville

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

Sample: D228A-20	Lab ID: 70133943001	Collected: 06/04/20 06:35	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 - Melville						
Lead	<1.0	ug/L	1.0	1		07/01/20 12:27	7439-92-1	

Sample: D230A-20	Lab ID: 70133943002	Collected: 06/04/20 06:37	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	<1.0	ug/L	1.0	1		07/01/20 12:30	7439-92-1	

Sample: D230B-20	Lab ID: 70133943003	Collected: 06/04/20 06:37	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	3.6	ug/L	1.0	1		07/01/20 12:31	7439-92-1	

Sample: D206S-20	Lab ID: 70133943004	Collected: 06/04/20 06:47	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	2.3	ug/L	1.0	1		07/01/20 12:32	7439-92-1	

Sample: D206F-20	Lab ID: 70133943005	Collected: 06/04/20 06:47	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	1.1	ug/L	1.0	1		07/01/20 12:33	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

Sample: D219A-20	Lab ID: 70133943006	Collected: 06/04/20 06:40	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:34	7439-92-1	
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Sample: D219B-20	Lab ID: 70133943007	Collected: 06/04/20 06:40	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:37	7439-92-1	
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Sample: D221A-20	Lab ID: 70133943008	Collected: 06/04/20 06:42	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:38	7439-92-1	
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Sample: D221B-20	Lab ID: 70133943009	Collected: 06/04/20 06:42	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:39	7439-92-1	
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Sample: D221C-20	Lab ID: 70133943010	Collected: 06/04/20 06:45	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:40	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

Sample: D221D-20	Lab ID: 70133943011	Collected: 06/04/20 06:45	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:41	7439-92-1	
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Sample: D216-20	Lab ID: 70133943012	Collected: 06/04/20 06:58	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:45	7439-92-1	
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Sample: D213C-20	Lab ID: 70133943013	Collected: 06/04/20 06:55	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:46	7439-92-1	
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Sample: D213B-20	Lab ID: 70133943014	Collected: 06/04/20 06:55	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:47	7439-92-1	
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Sample: D211C-20	Lab ID: 70133943015	Collected: 06/04/20 06:52	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:49	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: D211B-20	Lab ID: 70133943016	Collected: 06/04/20 06:52	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:51	7439-92-1	
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Sample: D208-20	Lab ID: 70133943017	Collected: 06/04/20 06:54	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:52	7439-92-1	
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Sample: D209-20	Lab ID: 70133943018	Collected: 06/04/20 06:54	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:53	7439-92-1	
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Sample: D207F-20	Lab ID: 70133943019	Collected: 06/04/20 06:51	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:54	7439-92-1	
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Sample: D211F-20	Lab ID: 70133943020	Collected: 06/04/20 06:49	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:55	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

Sample: D203F-20	Lab ID: 70133943021	Collected: 06/04/20 07:00	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 12:58	7439-92-1	
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Sample: D227F-20	Lab ID: 70133943022	Collected: 06/04/20 07:07	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	4.3	ug/L	1.0	1		07/01/20 13:02	7439-92-1	
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Sample: D201A-20	Lab ID: 70133943023	Collected: 06/04/20 07:04	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:04	7439-92-1	
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Sample: D201B-20	Lab ID: 70133943024	Collected: 06/04/20 07:04	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:05	7439-92-1	
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Sample: D201C-20	Lab ID: 70133943025	Collected: 06/04/20 07:05	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:06	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: D201D-20	Lab ID: 70133943026	Collected: 06/04/20 07:05	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:07	7439-92-1	
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Sample: D231D-20	Lab ID: 70133943027	Collected: 06/04/20 07:08	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:08	7439-92-1	
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Sample: D231E-20	Lab ID: 70133943028	Collected: 06/04/20 07:08	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:09	7439-92-1	
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Sample: D231F-20	Lab ID: 70133943029	Collected: 06/04/20 07:08	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:10	7439-92-1	
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Sample: D231A-20	Lab ID: 70133943030	Collected: 06/04/20 07:11	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:11	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

Sample: D231B-20	Lab ID: 70133943031	Collected: 06/04/20 07:11	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:34	7439-92-1	
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Sample: D231C-20	Lab ID: 70133943032	Collected: 06/04/20 07:11	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:37	7439-92-1	
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Sample: C223-20	Lab ID: 70133943033	Collected: 06/04/20 07:12	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	4.6	ug/L	1.0	1		07/01/20 13:38	7439-92-1	
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Sample: C224A-20	Lab ID: 70133943034	Collected: 06/04/20 07:19	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:39	7439-92-1	
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Sample: C224B-20	Lab ID: 70133943035	Collected: 06/04/20 07:19	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:40	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: C235-20	Lab ID: 70133943036	Collected: 06/04/20 07:21	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:41	7439-92-1	
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Sample: A223-20	Lab ID: 70133943037	Collected: 06/04/20 07:16	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	1.0	ug/L	1.0	1		07/01/20 13:43	7439-92-1	
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Sample: A223T-20	Lab ID: 70133943038	Collected: 06/04/20 07:19	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	5.2	ug/L	1.0	1		07/01/20 13:44	7439-92-1	
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Sample: A215-20	Lab ID: 70133943039	Collected: 06/04/20 07:15	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	1.1	ug/L	1.0	1		07/01/20 13:47	7439-92-1	
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Sample: A220F-20	Lab ID: 70133943040	Collected: 06/04/20 07:15	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:48	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

Sample: A203-20	Lab ID: 70133943041	Collected: 06/04/20 07:24	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:51	7439-92-1	
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Sample: A206-20	Lab ID: 70133943042	Collected: 06/04/20 07:24	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:54	7439-92-1	
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Sample: A207-20	Lab ID: 70133943043	Collected: 06/04/20 07:24	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	2.6	ug/L	1.0	1		07/01/20 13:55	7439-92-1	
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Sample: C219C-20	Lab ID: 70133943044	Collected: 06/04/20 07:47	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:56	7439-92-1	
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Sample: C214A-20	Lab ID: 70133943045	Collected: 06/04/20 07:46	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 13:59	7439-92-1	
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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: C214B-20	Lab ID: 70133943046	Collected: 06/04/20 07:46	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:00	7439-92-1	
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Sample: C208-20	Lab ID: 70133943047	Collected: 06/04/20 07:46	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:01	7439-92-1	
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Sample: B233FA-20	Lab ID: 70133943048	Collected: 06/04/20 07:30	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:02	7439-92-1	
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Sample: B233FB-20	Lab ID: 70133943049	Collected: 06/04/20 07:30	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:03	7439-92-1	
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Sample: B202-20	Lab ID: 70133943050	Collected: 06/04/20 07:43	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	3.2	ug/L	1.0	1		07/01/20 14:04	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

Sample: B204-20	Lab ID: 70133943051	Collected: 06/04/20 07:31	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	3.1	ug/L	1.0	1		07/01/20 14:05	7439-92-1	
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Sample: B205A-20	Lab ID: 70133943052	Collected: 06/04/20 07:32	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:09	7439-92-1	
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Sample: B205B-20	Lab ID: 70133943053	Collected: 06/04/20 07:32	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	1.8	ug/L	1.0	1		07/01/20 14:12	7439-92-1	
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Sample: B205C-20	Lab ID: 70133943054	Collected: 06/04/20 07:32	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	4.0	ug/L	1.0	1		07/01/20 14:13	7439-92-1	
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Sample: B205D-20	Lab ID: 70133943055	Collected: 06/04/20 07:32	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	11.0	ug/L	1.0	1		07/01/20 14:14	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: B205E-20	Lab ID: 70133943056	Collected: 06/04/20 07:32	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:15	7439-92-1	
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Sample: B205F-20	Lab ID: 70133943057	Collected: 06/04/20 07:32	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	1.3	ug/L	1.0	1		07/01/20 14:16	7439-92-1	
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Sample: B215-20	Lab ID: 70133943058	Collected: 06/04/20 07:36	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:17	7439-92-1	
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Sample: B214F-20	Lab ID: 70133943059	Collected: 06/04/20 07:35	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:18	7439-92-1	
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Sample: B216-20	Lab ID: 70133943060	Collected: 06/04/20 07:36	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:19	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: B223D-20	Lab ID: 70133943061	Collected: 06/04/20 07:38	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	1.7	ug/L	1.0	1		07/01/20 14:24	7439-92-1	
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Sample: B227-20	Lab ID: 70133943062	Collected: 06/04/20 07:40	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:27	7439-92-1	
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Sample: B232A-20	Lab ID: 70133943063	Collected: 06/04/20 07:41	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:28	7439-92-1	
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Sample: B232B-20	Lab ID: 70133943064	Collected: 06/04/20 07:41	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:29	7439-92-1	
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Sample: C124A-20	Lab ID: 70133943065	Collected: 06/04/20 07:50	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:30	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: C124B-20	Lab ID: 70133943066	Collected: 06/04/20 07:50	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:31	7439-92-1	
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Sample: C135-20	Lab ID: 70133943067	Collected: 06/04/20 07:51	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	2.2	ug/L	1.0	1		07/01/20 14:33	7439-92-1	
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Sample: C119C-20	Lab ID: 70133943068	Collected: 06/04/20 07:53	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:34	7439-92-1	
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Sample: C114A-20	Lab ID: 70133943069	Collected: 06/04/20 07:53	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:37	7439-92-1	
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Sample: C114B-20	Lab ID: 70133943070	Collected: 06/04/20 07:53	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:38	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: C108-20	Lab ID: 70133943071	Collected: 06/04/20 07:55	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:39	7439-92-1	
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Sample: C324A-20	Lab ID: 70133943072	Collected: 06/04/20 07:58	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:42	7439-92-1	
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Sample: C324B-20	Lab ID: 70133943073	Collected: 06/04/20 07:58	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:43	7439-92-1	
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Sample: C335-20	Lab ID: 70133943074	Collected: 06/04/20 07:59	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:44	7439-92-1	
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Sample: C319-20	Lab ID: 70133943075	Collected: 06/04/20 08:00	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	1.0	ug/L	1.0	1		07/01/20 14:45	7439-92-1	
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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

Sample: C314A-20	Lab ID: 70133943076	Collected: 06/04/20 08:01	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:46	7439-92-1	
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Sample: C314B-20	Lab ID: 70133943077	Collected: 06/04/20 08:01	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	<1.0	ug/L	1.0	1		07/01/20 14:49	7439-92-1	
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Sample: C308-20	Lab ID: 70133943078	Collected: 06/04/20 08:01	Received: 06/09/20 10:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

Analytical Method: EPA 200.8  
Pace Analytical Services - Melville

Lead	1.1	ug/L	1.0	1		07/01/20 14:50	7439-92-1	
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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

QC Batch:	164930	Analysis Method:	EPA 200.8
QC Batch Method:	EPA 200.8	Analysis Description:	200.8 MET No Prep Drinking Water
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70133943001, 70133943002, 70133943003, 70133943004, 70133943005, 70133943006, 70133943007, 70133943008, 70133943009, 70133943010, 70133943011, 70133943012, 70133943013, 70133943014, 70133943015, 70133943016, 70133943017, 70133943018, 70133943019, 70133943020

METHOD BLANK: 795933 Matrix: Water

Associated Lab Samples: 70133943001, 70133943002, 70133943003, 70133943004, 70133943005, 70133943006, 70133943007, 70133943008, 70133943009, 70133943010, 70133943011, 70133943012, 70133943013, 70133943014, 70133943015, 70133943016, 70133943017, 70133943018, 70133943019, 70133943020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/01/20 12:26	

LABORATORY CONTROL SAMPLE: 795934

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	54.5	109	85-115	

MATRIX SPIKE SAMPLE: 795936

Parameter	Units	70133943001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	10	10.4	99	70-130	

MATRIX SPIKE SAMPLE: 795938

Parameter	Units	70133943011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	10	9.1	90	70-130	

SAMPLE DUPLICATE: 795935

Parameter	Units	70133943001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 795937

Parameter	Units	70133943011 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

QC Batch:	164931	Analysis Method:	EPA 200.8
QC Batch Method:	EPA 200.8	Analysis Description:	200.8 MET No Prep Drinking Water
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70133943021, 70133943022, 70133943023, 70133943024, 70133943025, 70133943026, 70133943027, 70133943028, 70133943029, 70133943030, 70133943031, 70133943032, 70133943033, 70133943034, 70133943035, 70133943036, 70133943037, 70133943038, 70133943039, 70133943040

METHOD BLANK: 795939 Matrix: Water

Associated Lab Samples: 70133943021, 70133943022, 70133943023, 70133943024, 70133943025, 70133943026, 70133943027, 70133943028, 70133943029, 70133943030, 70133943031, 70133943032, 70133943033, 70133943034, 70133943035, 70133943036, 70133943037, 70133943038, 70133943039, 70133943040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/01/20 12:56	

LABORATORY CONTROL SAMPLE: 795940

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.7	99	85-115	

MATRIX SPIKE SAMPLE: 795942

Parameter	Units	70133943021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.4	106	70-130	

MATRIX SPIKE SAMPLE: 795944

Parameter	Units	70133943031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.0	100	70-130	

SAMPLE DUPLICATE: 795941

Parameter	Units	70133943021 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 795943

Parameter	Units	70133943031 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

QC Batch:	164932	Analysis Method:	EPA 200.8
QC Batch Method:	EPA 200.8	Analysis Description:	200.8 MET No Prep Drinking Water
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70133943041, 70133943042, 70133943043, 70133943044, 70133943045, 70133943046, 70133943047, 70133943048, 70133943049, 70133943050, 70133943051, 70133943052, 70133943053, 70133943054, 70133943055, 70133943056, 70133943057, 70133943058, 70133943059, 70133943060		

METHOD BLANK:	795945	Matrix:	Water
Associated Lab Samples:	70133943041, 70133943042, 70133943043, 70133943044, 70133943045, 70133943046, 70133943047, 70133943048, 70133943049, 70133943050, 70133943051, 70133943052, 70133943053, 70133943054, 70133943055, 70133943056, 70133943057, 70133943058, 70133943059, 70133943060		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/01/20 13:49	

LABORATORY CONTROL SAMPLE:	795946					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.5	99	85-115	

MATRIX SPIKE SAMPLE:	795948						
Parameter	Units	70133943041 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.0	98	70-130	

MATRIX SPIKE SAMPLE:	795950						
Parameter	Units	70133943051 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	3.1	4	7.0	98	70-130	

SAMPLE DUPLICATE:	795947					
Parameter	Units	70133943041 Result	Dup Result	RPD	Qualifiers	
Lead	ug/L	<1.0	<1.0			

SAMPLE DUPLICATE:	795949					
Parameter	Units	70133943051 Result	Dup Result	RPD	Qualifiers	
Lead	ug/L	3.1	3.2	1		

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.

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)  
Pace Project No.: 70133943

QC Batch:	164933	Analysis Method:	EPA 200.8
QC Batch Method:	EPA 200.8	Analysis Description:	200.8 MET No Prep Drinking Water
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70133943061, 70133943062, 70133943063, 70133943064, 70133943065, 70133943066, 70133943067, 70133943068, 70133943069, 70133943070, 70133943071, 70133943072, 70133943073, 70133943074, 70133943075, 70133943076, 70133943077, 70133943078

METHOD BLANK: 795951 Matrix: Water  
Associated Lab Samples: 70133943061, 70133943062, 70133943063, 70133943064, 70133943065, 70133943066, 70133943067, 70133943068, 70133943069, 70133943070, 70133943071, 70133943072, 70133943073, 70133943074, 70133943075, 70133943076, 70133943077, 70133943078

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/19/20 11:31	

LABORATORY CONTROL SAMPLE: 795952

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.5	97	85-115	

MATRIX SPIKE SAMPLE: 795954

Parameter	Units	70133943061 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.7	4	5.5	96	70-130	

MATRIX SPIKE SAMPLE: 795956

Parameter	Units	70133943071 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.4	93	70-130	

SAMPLE DUPLICATE: 795953

Parameter	Units	70133943061 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.7	1.9	13	

SAMPLE DUPLICATE: 795955

Parameter	Units	70133943071 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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## QUALIFIERS

Project: CENTRAL BUCKS SCHOOL(CB SOUTH)

Pace Project No.: 70133943

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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 SOUTH)

Pace Project No.: 70133943

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<b>Lab ID</b>	<b>Sample ID</b>	<b>QC Batch Method</b>	<b>QC Batch</b>	<b>Analytical Method</b>	<b>Analytical Batch</b>
70133943001	D228A-20	EPA 200.8	164930		

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