

June 25, 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  
Cold Spring Elementary School  
4150 Durham Road  
Doylestown, PA 18902  
Bucks County, Pennsylvania**

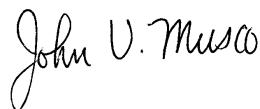
Dear Mr. Nickerson:

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 May 27, 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 1\_5-27-2020\_Buck\_Cold Spring\_Linden\Cold Spring\_Lead\_Sampling\_Memo.docx

June 08, 2020

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

RE: Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Dear Bill Lambing:

Enclosed are the analytical results for sample(s) received by the laboratory on May 30, 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-COLD SPRI

Pace Project No.: 70132702

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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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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 131A-20	Lab ID: 70132702001	Collected: 05/27/20 07:39	Received: 05/30/20 10:20	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	<b>5.8</b>	ug/L	1.0	1		06/05/20 21:10	7439-92-1	
<b>Sample: 138A-20</b>	<b>Lab ID: 70132702002</b>	Collected: 05/27/20 07:42	Received: 05/30/20 10:20	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	<b>7.1</b>	ug/L	1.0	1		06/05/20 21:13	7439-92-1	
<b>Sample: 100C-20</b>	<b>Lab ID: 70132702003</b>	Collected: 05/27/20 07:42	Received: 05/30/20 10:20	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	<b>4.6</b>	ug/L	1.0	1		06/05/20 21:16	7439-92-1	
<b>Sample: 101-20</b>	<b>Lab ID: 70132702004</b>	Collected: 05/27/20 07:45	Received: 05/30/20 10:20	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	<b>2.3</b>	ug/L	1.0	1		06/05/20 21:17	7439-92-1	
<b>Sample: 102-20</b>	<b>Lab ID: 70132702005</b>	Collected: 05/27/20 07:44	Received: 05/30/20 10:20	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	<b>3.9</b>	ug/L	1.0	1		06/05/20 21:18	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 103-20	Lab ID: 70132702006	Collected: 05/27/20 07:46	Received: 05/30/20 10:20	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	3.5	ug/L	1.0	1		06/05/20 21:19	7439-92-1	
<b>Sample: 104-20</b>	<b>Lab ID: 70132702007</b>	Collected: 05/27/20 07:47	Received: 05/30/20 10:20	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	1.9	ug/L	1.0	1		06/05/20 21:22	7439-92-1	
<b>Sample: 105-20</b>	<b>Lab ID: 70132702008</b>	Collected: 05/27/20 07:49	Received: 05/30/20 10:20	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	4.2	ug/L	1.0	1		06/05/20 21:23	7439-92-1	
<b>Sample: 106-20</b>	<b>Lab ID: 70132702009</b>	Collected: 05/27/20 07:50	Received: 05/30/20 10:20	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	3.1	ug/L	1.0	1		06/05/20 21:24	7439-92-1	
<b>Sample: 107-20</b>	<b>Lab ID: 70132702010</b>	Collected: 05/27/20 07:50	Received: 05/30/20 10:20	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	1.7	ug/L	1.0	1		06/05/20 21:25	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 108-20	Lab ID: 70132702011	Collected: 05/27/20 07:51	Received: 05/30/20 10:20	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	2.1	ug/L	1.0	1		06/05/20 21:26	7439-92-1	
<b>Sample: 131FA-20</b>	<b>Lab ID: 70132702012</b>	Collected: 05/27/20 07:40	Received: 05/30/20 10:20	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		06/05/20 21:26	7439-92-1	
<b>Sample: 131FB-20</b>	<b>Lab ID: 70132702013</b>	Collected: 05/27/20 07:40	Received: 05/30/20 10:20	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		06/05/20 21:29	7439-92-1	
<b>Sample: 109-20</b>	<b>Lab ID: 70132702014</b>	Collected: 05/27/20 07:53	Received: 05/30/20 10:20	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	3.2	ug/L	1.0	1		06/05/20 21:30	7439-92-1	
<b>Sample: 111-20</b>	<b>Lab ID: 70132702015</b>	Collected: 05/27/20 07:54	Received: 05/30/20 10:20	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	1.8	ug/L	1.0	1		06/08/20 11:21	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI

Pace Project No.: 70132702

Sample: 130-20	Lab ID: 70132702016	Collected: 05/27/20 08:59	Received: 05/30/20 10:20	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		06/08/20 11:23	7439-92-1	
<b>Sample: 129-20</b>	<b>Lab ID: 70132702017</b>	Collected: 05/27/20 08:59	Received: 05/30/20 10:20	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		06/08/20 11:23	7439-92-1	
<b>Sample: 128-20</b>	<b>Lab ID: 70132702018</b>	Collected: 05/27/20 07:56	Received: 05/30/20 10:20	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	1.6	ug/L	1.0	1		06/08/20 11:24	7439-92-1	
<b>Sample: 128A-20</b>	<b>Lab ID: 70132702019</b>	Collected: 05/27/20 07:56	Received: 05/30/20 10:20	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	1.2	ug/L	1.0	1		06/08/20 11:25	7439-92-1	
<b>Sample: 125A-20</b>	<b>Lab ID: 70132702020</b>	Collected: 05/27/20 07:59	Received: 05/30/20 10:20	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		06/08/20 11:26	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 125B-20	Lab ID: 70132702021	Collected: 05/27/20 07:59	Received: 05/30/20 10:20	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		06/08/20 11:27	7439-92-1	
<b>Sample: 117-20</b>	<b>Lab ID: 70132702022</b>	Collected: 05/27/20 08:01	Received: 05/30/20 10:20	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		06/08/20 11:30	7439-92-1	
<b>Sample: 118-20</b>	<b>Lab ID: 70132702023</b>	Collected: 05/27/20 08:02	Received: 05/30/20 10:20	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	1.4	ug/L	1.0	1		06/08/20 11:35	7439-92-1	
<b>Sample: 119-20</b>	<b>Lab ID: 70132702024</b>	Collected: 05/27/20 08:03	Received: 05/30/20 10:20	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	2.4	ug/L	1.0	1		06/08/20 11:36	7439-92-1	
<b>Sample: 120-20</b>	<b>Lab ID: 70132702025</b>	Collected: 05/27/20 08:04	Received: 05/30/20 10:20	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	9.5	ug/L	1.0	1		06/08/20 11:36	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 121-20	Lab ID: 70132702026	Collected: 05/27/20 08:04	Received: 05/30/20 10:20	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	1.7	ug/L	1.0	1		06/08/20 11:37	7439-92-1	
Sample: 122-20	Lab ID: 70132702027	Collected: 05/27/20 08:05	Received: 05/30/20 10:20	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	1.1	ug/L	1.0	1		06/08/20 11:38	7439-92-1	
Sample: 123-20	Lab ID: 70132702028	Collected: 05/27/20 08:06	Received: 05/30/20 10:20	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	2.1	ug/L	1.0	1		06/08/20 11:39	7439-92-1	
Sample: 124-20	Lab ID: 70132702029	Collected: 05/27/20 08:07	Received: 05/30/20 10:20	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	1.6	ug/L	1.0	1		06/08/20 11:40	7439-92-1	
Sample: 201-20	Lab ID: 70132702030	Collected: 05/27/20 08:11	Received: 05/30/20 10:20	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	3.4	ug/L	1.0	1		06/08/20 11:41	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 202-20	Lab ID: 70132702031	Collected: 05/27/20 08:12	Received: 05/30/20 10:20	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	2.1	ug/L	1.0	1		06/05/20 21:55	7439-92-1	
<b>Sample: 203-20</b>	<b>Lab ID: 70132702032</b>	Collected: 05/27/20 08:13	Received: 05/30/20 10:20	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	1.1	ug/L	1.0	1		06/05/20 21:56	7439-92-1	
<b>Sample: 204-20</b>	<b>Lab ID: 70132702033</b>	Collected: 05/27/20 08:13	Received: 05/30/20 10:20	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	1.3	ug/L	1.0	1		06/05/20 21:59	7439-92-1	
<b>Sample: 205-20</b>	<b>Lab ID: 70132702034</b>	Collected: 05/27/20 08:15	Received: 05/30/20 10:20	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	2.4	ug/L	1.0	1		06/05/20 22:00	7439-92-1	
<b>Sample: 206-20</b>	<b>Lab ID: 70132702035</b>	Collected: 05/27/20 08:16	Received: 05/30/20 10:20	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	2.2	ug/L	1.0	1		06/05/20 22:01	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI

Pace Project No.: 70132702

Sample: 207-20	Lab ID: 70132702036	Collected: 05/27/20 08:16	Received: 05/30/20 10:20	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	1.5	ug/L	1.0	1		06/05/20 22:02	7439-92-1	
<b>Sample: 208-20</b>	<b>Lab ID: 70132702037</b>	Collected: 05/27/20 08:17	Received: 05/30/20 10:20	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	3.5	ug/L	1.0	1		06/05/20 22:03	7439-92-1	
<b>Sample: 231A-20</b>	<b>Lab ID: 70132702038</b>	Collected: 05/27/20 08:19	Received: 05/30/20 10:20	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		06/05/20 22:04	7439-92-1	
<b>Sample: 231B-20</b>	<b>Lab ID: 70132702039</b>	Collected: 05/27/20 08:19	Received: 05/30/20 10:20	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		06/05/20 22:07	7439-92-1	
<b>Sample: 211-20</b>	<b>Lab ID: 70132702040</b>	Collected: 05/27/20 08:20	Received: 05/30/20 10:20	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	1.8	ug/L	1.0	1		06/05/20 22:08	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 215-20	Lab ID: 70132702041	Collected: 05/27/20 08:21	Received: 05/30/20 10:20	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	1.1	ug/L	1.0	1		06/05/20 22:09	7439-92-1	
<b>Sample: 227A-20</b>	<b>Lab ID: 70132702042</b>	Collected: 05/27/20 08:23	Received: 05/30/20 10:20	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		06/05/20 22:12	7439-92-1	
<b>Sample: 227B-20</b>	<b>Lab ID: 70132702043</b>	Collected: 05/27/20 08:23	Received: 05/30/20 10:20	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		06/05/20 22:15	7439-92-1	
<b>Sample: 217-20</b>	<b>Lab ID: 70132702044</b>	Collected: 05/27/20 08:26	Received: 05/30/20 10:20	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		06/05/20 22:15	7439-92-1	
<b>Sample: 218-20</b>	<b>Lab ID: 70132702045</b>	Collected: 05/27/20 08:24	Received: 05/30/20 10:20	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	1.1	ug/L	1.0	1		06/05/20 22:18	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

Sample: 219-20	Lab ID: 70132702046	Collected: 05/27/20 08:26	Received: 05/30/20 10:20	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	1.7	ug/L	1.0	1		06/05/20 22:19	7439-92-1	
<b>Sample: 220-20</b>	<b>Lab ID: 70132702047</b>	Collected: 05/27/20 08:24	Received: 05/30/20 10:20	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	3.2	ug/L	1.0	1		06/05/20 22:20	7439-92-1	
<b>Sample: 221-20</b>	<b>Lab ID: 70132702048</b>	Collected: 05/27/20 08:28	Received: 05/30/20 10:20	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		06/05/20 22:21	7439-92-1	
<b>Sample: 222-20</b>	<b>Lab ID: 70132702049</b>	Collected: 05/27/20 08:28	Received: 05/30/20 10:20	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	2.2	ug/L	1.0	1		06/05/20 22:22	7439-92-1	
<b>Sample: 223-20</b>	<b>Lab ID: 70132702050</b>	Collected: 05/27/20 08:30	Received: 05/30/20 10:20	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	1.7	ug/L	1.0	1		06/05/20 22:23	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI

Pace Project No.: 70132702

Sample: 224-20		Lab ID: 70132702051		Collected: 05/27/20 08:31	Received: 05/30/20 10:20	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	<b>1.6</b>	ug/L	1.0	1		06/05/20 22:24	7439-92-1	

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

QC Batch: 163360	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: 70132702001

METHOD BLANK: 787108 Matrix: Water  
Associated Lab Samples: 70132702001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/05/20 20:41	

LABORATORY CONTROL SAMPLE: 787109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	47.2	94	85-115	

MATRIX SPIKE SAMPLE: 787111

Parameter	Units	70132688053 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.1	100	70-130	

MATRIX SPIKE SAMPLE: 787113

Parameter	Units	70132688063 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.0	4	5.2	105	70-130	

SAMPLE DUPLICATE: 787110

Parameter	Units	70132688053 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 787112

Parameter	Units	70132688063 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.0	1.1	2	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

QC Batch:	163361	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: 70132702002, 70132702003, 70132702004, 70132702005, 70132702006, 70132702007, 70132702008, 70132702009, 70132702010, 70132702011, 70132702012, 70132702013, 70132702014, 70132702015, 70132702016, 70132702017, 70132702018, 70132702019, 70132702020, 70132702021

METHOD BLANK: 787115 Matrix: Water  
Associated Lab Samples: 70132702002, 70132702003, 70132702004, 70132702005, 70132702006, 70132702007, 70132702008, 70132702009, 70132702010, 70132702011, 70132702012, 70132702013, 70132702014, 70132702015, 70132702016, 70132702017, 70132702018, 70132702019, 70132702020, 70132702021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/05/20 21:11	

LABORATORY CONTROL SAMPLE: 787116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	46.3	93	85-115	

MATRIX SPIKE SAMPLE: 787118

Parameter	Units	70132702002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	7.1	4	11.4	106	70-130	

MATRIX SPIKE SAMPLE: 787120

Parameter	Units	70132702012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.3	108	70-130	

SAMPLE DUPLICATE: 787117

Parameter	Units	70132702002 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	7.1	7.1	0	

SAMPLE DUPLICATE: 787119

Parameter	Units	70132702012 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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**QUALITY CONTROL DATA**

Project: CENTRAL BUCKS SCHOOL-COLD SPRI

Pace Project No.: 70132702

QC Batch:	163363	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:	70132702022, 70132702023, 70132702024, 70132702025, 70132702026, 70132702027, 70132702028, 70132702029, 70132702030, 70132702031, 70132702032, 70132702033, 70132702034, 70132702035, 70132702036, 70132702037, 70132702038, 70132702039, 70132702040, 70132702041		

METHOD BLANK:	787129	Matrix:	Water
Associated Lab Samples:	70132702022, 70132702023, 70132702024, 70132702025, 70132702026, 70132702027, 70132702028, 70132702029, 70132702030, 70132702031, 70132702032, 70132702033, 70132702034, 70132702035, 70132702036, 70132702037, 70132702038, 70132702039, 70132702040, 70132702041		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/08/20 11:28	

LABORATORY CONTROL SAMPLE:	787130					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.2	102	85-115	

MATRIX SPIKE SAMPLE:	787132						
Parameter	Units	70132702022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.0	4	5.5	111	70-130	

MATRIX SPIKE SAMPLE:	787134						
Parameter	Units	70132702032 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.1	4	5.4	108	70-130	

SAMPLE DUPLICATE:	787131					
Parameter	Units	70132702022 Result	Dup Result	RPD	Qualifiers	
Lead	ug/L	1.0	1.0	2		

SAMPLE DUPLICATE:	787133					
Parameter	Units	70132702032 Result	Dup Result	RPD	Qualifiers	
Lead	ug/L	1.1	1.1	0		

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL-COLD SPRI  
Pace Project No.: 70132702

QC Batch: 163364 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: 70132702042, 70132702043, 70132702044, 70132702045, 70132702046, 70132702047, 70132702048, 70132702049, 70132702050, 70132702051

METHOD BLANK: 787135 Matrix: Water  
Associated Lab Samples: 70132702042, 70132702043, 70132702044, 70132702045, 70132702046, 70132702047, 70132702048, 70132702049, 70132702050, 70132702051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/05/20 22:10	

LABORATORY CONTROL SAMPLE: 787136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.6	97	85-115	

MATRIX SPIKE SAMPLE: 787138

Parameter	Units	70132702042 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.2	105	70-130	

SAMPLE DUPLICATE: 787137

Parameter	Units	70132702042 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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## QUALIFIERS

Project: CENTRAL BUCKS SCHOOL-COLD SPRI

Pace Project No.: 70132702

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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-COLD SPRI  
Pace Project No.: 70132702

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70132702001	131A-20	EPA 200.8	163360		
70132702002	138A-20	EPA 200.8	163361		
70132702003	100C-20	EPA 200.8	163361		
70132702004	101-20	EPA 200.8	163361		
70132702005	102-20	EPA 200.8	163361		
70132702006	103-20	EPA 200.8	163361		
70132702007	104-20	EPA 200.8	163361		
70132702008	105-20	EPA 200.8	163361		
70132702009	106-20	EPA 200.8	163361		
70132702010	107-20	EPA 200.8	163361		
70132702011	108-20	EPA 200.8	163361		
70132702012	131FA-20	EPA 200.8	163361		
70132702013	131FB-20	EPA 200.8	163361		
70132702014	109-20	EPA 200.8	163361		
70132702015	111-20	EPA 200.8	163361		
70132702016	130-20	EPA 200.8	163361		
70132702017	129-20	EPA 200.8	163361		
70132702018	128-20	EPA 200.8	163361		
70132702019	128A-20	EPA 200.8	163361		
70132702020	125A-20	EPA 200.8	163361		
70132702021	125B-20	EPA 200.8	163361		
70132702022	117-20	EPA 200.8	163363		
70132702023	118-20	EPA 200.8	163363		
70132702024	119-20	EPA 200.8	163363		
70132702025	120-20	EPA 200.8	163363		
70132702026	121-20	EPA 200.8	163363		
70132702027	122-20	EPA 200.8	163363		
70132702028	123-20	EPA 200.8	163363		
70132702029	124-20	EPA 200.8	163363		
70132702030	201-20	EPA 200.8	163363		
70132702031	202-20	EPA 200.8	163363		
70132702032	203-20	EPA 200.8	163363		
70132702033	204-20	EPA 200.8	163363		
70132702034	205-20	EPA 200.8	163363		
70132702035	206-20	EPA 200.8	163363		
70132702036	207-20	EPA 200.8	163363		
70132702037	208-20	EPA 200.8	163363		
70132702038	231A-20	EPA 200.8	163363		
70132702039	231B-20	EPA 200.8	163363		
70132702040	211-20	EPA 200.8	163363		
70132702041	215-20	EPA 200.8	163363		
70132702042	227A-20	EPA 200.8	163364		
70132702043	227B-20	EPA 200.8	163364		
70132702044	217-20	EPA 200.8	163364		
70132702045	218-20	EPA 200.8	163364		
70132702046	219-20	EPA 200.8	163364		
70132702047	220-20	EPA 200.8	163364		

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CENTRAL BUCKS SCHOOL-COLD SPRI

Pace Project No.: 70132702

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70132702048	221-20	EPA 200.8	163364		
70132702049	222-20	EPA 200.8	163364		
70132702050	223-20	EPA 200.8	163364		
70132702051	224-20	EPA 200.8	163364		

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