

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  
Jamison Elementary School  
2090 Land Road  
Jamison, PA 18929  
Bucks County, Pennsylvania**

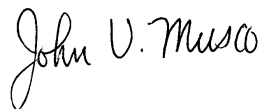
Dear Mr. Nickerson:

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 3, 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\DYLD\data4\200130402\Project Data\Record Data\Reports\Day 5\_6-3-2020\_Bridge Valley\_Warwick\_Jamison\Jamison\Jamison\_Lead\_Sampling\_Memo.docx

June 12, 2020

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

RE: Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Dear Bill Lambing:

Enclosed are the analytical results for sample(s) received by the laboratory on June 05, 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 (JAMISON)

Pace Project No.: 70133550

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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 (JAMISON)  
Pace Project No.: 70133550

Sample: JK-20	Lab ID: 70133550001	Collected: 06/03/20 08:48	Received: 06/05/20 10:10	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		06/11/20 18:15	7439-92-1	

Sample: JNTR-20	Lab ID: 70133550002	Collected: 06/03/20 08:49	Received: 06/05/20 10:10	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		06/11/20 18:18	7439-92-1	

Sample: JMOWR-20	Lab ID: 70133550003	Collected: 06/03/20 08:49	Received: 06/05/20 10:10	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		06/11/20 18:20	7439-92-1	

Sample: J101-20	Lab ID: 70133550004	Collected: 06/03/20 08:52	Received: 06/05/20 10:10	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		06/11/20 18:21	7439-92-1	

Sample: J102-20	Lab ID: 70133550005	Collected: 06/03/20 08:52	Received: 06/05/20 10:10	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		06/11/20 18:22	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)

Pace Project No.: 70133550

Sample: J103-20	Lab ID: 70133550006	Collected: 06/03/20 08:53	Received: 06/05/20 10:10	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		06/11/20 18:26	7439-92-1	

Sample: J104-20	Lab ID: 70133550007	Collected: 06/03/20 08:53	Received: 06/05/20 10:10	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		06/11/20 18:31	7439-92-1	

Sample: J105-20	Lab ID: 70133550008	Collected: 06/03/20 08:54	Received: 06/05/20 10:10	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		06/11/20 18:33	7439-92-1	

Sample: J106-20	Lab ID: 70133550009	Collected: 06/03/20 08:54	Received: 06/05/20 10:10	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		06/11/20 18:34	7439-92-1	

Sample: J107-20	Lab ID: 70133550010	Collected: 06/03/20 08:55	Received: 06/05/20 10:10	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		06/11/20 18:37	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Sample: J108-20	Lab ID: 70133550011	Collected: 06/03/20 08:55	Received: 06/05/20 10:10	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		06/11/20 18:42	7439-92-1	

Sample: JHFA-20	Lab ID: 70133550012	Collected: 06/03/20 08:51	Received: 06/05/20 10:10	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		06/11/20 18:44	7439-92-1	

Sample: JHFB-20	Lab ID: 70133550013	Collected: 06/03/20 08:51	Received: 06/05/20 10:10	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		06/11/20 18:45	7439-92-1	

Sample: J109-20	Lab ID: 70133550014	Collected: 06/03/20 08:57	Received: 06/05/20 10:10	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		06/11/20 18:46	7439-92-1	

Sample: J112-20	Lab ID: 70133550015	Collected: 06/03/20 09:00	Received: 06/05/20 10:10	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		06/11/20 18:48	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Sample: J133-20	Lab ID: 70133550016	Collected: 06/03/20 08:58	Received: 06/05/20 10:10	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		06/11/20 18:53	7439-92-1	
<b>Sample: J132-20</b>	<b>Lab ID: 70133550017</b>	Collected: 06/03/20 08:58	Received: 06/05/20 10:10	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		06/11/20 18:57	7439-92-1	
<b>Sample: J130-20</b>	<b>Lab ID: 70133550018</b>	Collected: 06/03/20 09:02	Received: 06/05/20 10:10	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		06/11/20 18:58	7439-92-1	
<b>Sample: J128-20</b>	<b>Lab ID: 70133550019</b>	Collected: 06/03/20 09:02	Received: 06/05/20 10:10	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		06/11/20 19:00	7439-92-1	
<b>Sample: J125A-20</b>	<b>Lab ID: 70133550020</b>	Collected: 06/03/20 09:03	Received: 06/05/20 10:10	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		06/11/20 19:04	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)

Pace Project No.: 70133550

Sample: J125B-20	Lab ID: 70133550021	Collected: 06/03/20 09:03	Received: 06/05/20 10:10	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		06/11/20 19:08	7439-92-1	
<b>Sample: J117-20</b>	<b>Lab ID: 70133550022</b>	Collected: 06/03/20 09:04	Received: 06/05/20 10:10	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		06/11/20 19:11	7439-92-1	
<b>Sample: J118-20</b>	<b>Lab ID: 70133550023</b>	Collected: 06/03/20 09:04	Received: 06/05/20 10:10	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		06/11/20 19:13	7439-92-1	
<b>Sample: J119-20</b>	<b>Lab ID: 70133550024</b>	Collected: 06/03/20 09:05	Received: 06/05/20 10:10	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		06/11/20 19:15	7439-92-1	
<b>Sample: J120</b>	<b>Lab ID: 70133550025</b>	Collected: 06/03/20 09:05	Received: 06/05/20 10:10	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		06/11/20 19:18	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Sample: J121	Lab ID: 70133550026	Collected: 06/03/20 09:06	Received: 06/05/20 10:10	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		06/11/20 19:20	7439-92-1	
<b>Sample: J122</b>	<b>Lab ID: 70133550027</b>	Collected: 06/03/20 09:06	Received: 06/05/20 10:10	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		06/11/20 19:21	7439-92-1	M1
<b>Sample: J123</b>	<b>Lab ID: 70133550028</b>	Collected: 06/03/20 09:07	Received: 06/05/20 10:10	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		06/12/20 15:40	7439-92-1	
<b>Sample: J124</b>	<b>Lab ID: 70133550029</b>	Collected: 06/03/20 09:07	Received: 06/05/20 10:10	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		06/11/20 19:27	7439-92-1	
<b>Sample: J201</b>	<b>Lab ID: 70133550030</b>	Collected: 06/03/20 09:11	Received: 06/05/20 10:10	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		06/11/20 19:28	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Sample: J202	Lab ID: 70133550031	Collected: 06/03/20 09:11	Received: 06/05/20 10:10	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		06/11/20 19:29	7439-92-1	

Sample: J203	Lab ID: 70133550032	Collected: 06/03/20 09:12	Received: 06/05/20 10:10	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		06/11/20 19:31	7439-92-1	

Sample: J204	Lab ID: 70133550033	Collected: 06/03/20 09:12	Received: 06/05/20 10:10	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		06/11/20 19:32	7439-92-1	

Sample: J205	Lab ID: 70133550034	Collected: 06/03/20 09:15	Received: 06/05/20 10:10	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		06/11/20 19:33	7439-92-1	

Sample: J206	Lab ID: 70133550035	Collected: 06/03/20 09:14	Received: 06/05/20 10:10	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		06/11/20 19:38	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Sample: J207	Lab ID: 70133550036	Collected: 06/03/20 09:15	Received: 06/05/20 10:10	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		06/11/20 19:41	7439-92-1	

Sample: J208-20	Lab ID: 70133550037	Collected: 06/03/20 09:14	Received: 06/05/20 10:10	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		06/11/20 19:42	7439-92-1	

Sample: JHF2A-20	Lab ID: 70133550038	Collected: 06/03/20 09:17	Received: 06/05/20 10:10	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		06/11/20 19:44	7439-92-1	

Sample: JHF2B-20	Lab ID: 70133550039	Collected: 06/03/20 09:17	Received: 06/05/20 10:10	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		06/11/20 19:46	7439-92-1	

Sample: J212-20	Lab ID: 70133550040	Collected: 06/03/20 09:17	Received: 06/05/20 10:10	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		06/11/20 19:47	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Sample: J213-20	Lab ID: 70133550041	Collected: 06/03/20 09:20	Received: 06/05/20 10:10	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		06/11/20 19:51	7439-92-1	

Sample: J214-20	Lab ID: 70133550042	Collected: 06/03/20 09:20	Received: 06/05/20 10:10	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		06/11/20 19:55	7439-92-1	

Sample: J216-20	Lab ID: 70133550043	Collected: 06/03/20 09:23	Received: 06/05/20 10:10	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		06/11/20 19:56	7439-92-1	

Sample: JMFA-20	Lab ID: 70133550044	Collected: 06/03/20 09:24	Received: 06/05/20 10:10	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		06/11/20 19:58	7439-92-1	

Sample: JMFB-20	Lab ID: 70133550045	Collected: 06/03/20 09:24	Received: 06/05/20 10:10	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		06/11/20 20:01	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

Sample: J217-20	Lab ID: 70133550046	Collected: 06/03/20 09:26	Received: 06/05/20 10:10	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		06/11/20 20:03	7439-92-1	

Sample: J218-20	Lab ID: 70133550047	Collected: 06/03/20 09:26	Received: 06/05/20 10:10	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		06/11/20 20:04	7439-92-1	

Sample: J219-20	Lab ID: 70133550048	Collected: 06/03/20 09:27	Received: 06/05/20 10:10	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		06/11/20 20:07	7439-92-1	

Sample: J220-20	Lab ID: 70133550049	Collected: 06/03/20 09:27	Received: 06/05/20 10:10	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		06/11/20 20:14	7439-92-1	

Sample: J221-20	Lab ID: 70133550050	Collected: 06/03/20 09:28	Received: 06/05/20 10:10	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		06/11/20 20:15	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (JAMISON)

Pace Project No.: 70133550

Sample: J222-20	Lab ID: 70133550051	Collected: 06/03/20 09:28	Received: 06/05/20 10:10	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		06/11/20 20:17	7439-92-1	

Sample: J223-20	Lab ID: 70133550052	Collected: 06/03/20 09:29	Received: 06/05/20 10:10	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		06/11/20 20:19	7439-92-1	

Sample: J224-20	Lab ID: 70133550053	Collected: 06/03/20 09:29	Received: 06/05/20 10:10	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		06/11/20 20:20	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

QC Batch:	164082	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: 70133550001, 70133550002, 70133550003, 70133550004, 70133550005, 70133550006, 70133550007, 70133550008, 70133550009

METHOD BLANK: 791497 Matrix: Water  
Associated Lab Samples: 70133550001, 70133550002, 70133550003, 70133550004, 70133550005, 70133550006, 70133550007, 70133550008, 70133550009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/11/20 18:07	

LABORATORY CONTROL SAMPLE: 791498

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.3	101	85-115	

MATRIX SPIKE SAMPLE: 791500

Parameter	Units	70133549001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.1	4	5.6	112	70-130	

MATRIX SPIKE SAMPLE: 791502

Parameter	Units	70133550005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	3.7	88	70-130	

SAMPLE DUPLICATE: 791499

Parameter	Units	70133549001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.1	1.1	3	

SAMPLE DUPLICATE: 791501

Parameter	Units	70133550005 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

QC Batch: 164083 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: 70133550010, 70133550011, 70133550012, 70133550013, 70133550014, 70133550015, 70133550016, 70133550017, 70133550018, 70133550019, 70133550020

METHOD BLANK: 791503 Matrix: Water  
Associated Lab Samples: 70133550010, 70133550011, 70133550012, 70133550013, 70133550014, 70133550015, 70133550016, 70133550017, 70133550018, 70133550019, 70133550020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/11/20 18:36	

LABORATORY CONTROL SAMPLE: 791504

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	47.6	95	85-115	

MATRIX SPIKE SAMPLE: 791506

Parameter	Units	70133550010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.4	109	70-130	

MATRIX SPIKE SAMPLE: 791508

Parameter	Units	70133550016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.7	105	70-130	

SAMPLE DUPLICATE: 791505

Parameter	Units	70133550010 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 791507

Parameter	Units	70133550016 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

QC Batch:	164084	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: 70133550021, 70133550022, 70133550023, 70133550024, 70133550025, 70133550026, 70133550027, 70133550028, 70133550029, 70133550030, 70133550031, 70133550032, 70133550033, 70133550034

METHOD BLANK: 791513 Matrix: Water  
Associated Lab Samples: 70133550021, 70133550022, 70133550023, 70133550024, 70133550025, 70133550026, 70133550027, 70133550028, 70133550029, 70133550030, 70133550031, 70133550032, 70133550033, 70133550034

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

LABORATORY CONTROL SAMPLE: 791514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.2	100	85-115	

MATRIX SPIKE SAMPLE: 791516

Parameter	Units	70133550021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.2	105	70-130	

MATRIX SPIKE SAMPLE: 791518

Parameter	Units	70133550027 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	5.5	133	70-130	M1

SAMPLE DUPLICATE: 791515

Parameter	Units	70133550021 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 791517

Parameter	Units	70133550027 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL (JAMISON)  
Pace Project No.: 70133550

QC Batch:	164085	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: 70133550035, 70133550036, 70133550037, 70133550038, 70133550039, 70133550040, 70133550041, 70133550042, 70133550043, 70133550044, 70133550045, 70133550046, 70133550047

METHOD BLANK: 791522 Matrix: Water  
Associated Lab Samples: 70133550035, 70133550036, 70133550037, 70133550038, 70133550039, 70133550040, 70133550041, 70133550042, 70133550043, 70133550044, 70133550045, 70133550046, 70133550047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/11/20 19:35	

LABORATORY CONTROL SAMPLE: 791523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.4	101	85-115	

MATRIX SPIKE SAMPLE: 791525

Parameter	Units	70133550035 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.4	110	70-130	

MATRIX SPIKE SAMPLE: 791527

Parameter	Units	70133549030 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	12.5	4	16.9	110	70-130	

SAMPLE DUPLICATE: 791524

Parameter	Units	70133550035 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 791526

Parameter	Units	70133549030 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	12.5	12.6	0	

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SCHOOL (JAMISON)

Pace Project No.: 70133550

QC Batch:	164086	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: 70133550048, 70133550049, 70133550050, 70133550051, 70133550052, 70133550053

METHOD BLANK: 791532

Matrix: Water

Associated Lab Samples: 70133550048, 70133550049, 70133550050, 70133550051, 70133550052, 70133550053

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

LABORATORY CONTROL SAMPLE: 791533

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.0	102	85-115	

MATRIX SPIKE SAMPLE: 791535

Parameter	Units	70133550048 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.3	105	70-130	

MATRIX SPIKE SAMPLE: 791537

Parameter	Units	70133550053 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	4	4.5	112	70-130	

SAMPLE DUPLICATE: 791534

Parameter	Units	70133550048 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 791536

Parameter	Units	70133550053 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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## QUALIFIERS

Project: CENTRAL BUCKS SCHOOL (JAMISON)

Pace Project No.: 70133550

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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.

### ANALYTE QUALIFIERS

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

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CENTRAL BUCKS SCHOOL (JAMISON)

Pace Project No.: 70133550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70133550001	JK-20	EPA 200.8	164082		
70133550002	JNTR-20	EPA 200.8	164082		
70133550003	JMOWR-20	EPA 200.8	164082		
70133550004	J101-20	EPA 200.8	164082		
70133550005	J102-20	EPA 200.8	164082		
70133550006	J103-20	EPA 200.8	164082		
70133550007	J104-20	EPA 200.8	164082		
70133550008	J105-20	EPA 200.8	164082		
70133550009	J106-20	EPA 200.8	164082		
70133550010	J107-20	EPA 200.8	164083		
70133550011	J108-20	EPA 200.8	164083		
70133550012	JHFA-20	EPA 200.8	164083		
70133550013	JHFB-20	EPA 200.8	164083		
70133550014	J109-20	EPA 200.8	164083		
70133550015	J112-20	EPA 200.8	164083		
70133550016	J133-20	EPA 200.8	164083		
70133550017	J132-20	EPA 200.8	164083		
70133550018	J130-20	EPA 200.8	164083		
70133550019	J128-20	EPA 200.8	164083		
70133550020	J125A-20	EPA 200.8	164083		
70133550021	J125B-20	EPA 200.8	164084		
70133550022	J117-20	EPA 200.8	164084		
70133550023	J118-20	EPA 200.8	164084		
70133550024	J119-20	EPA 200.8	164084		
70133550025	J120	EPA 200.8	164084		
70133550026	J121	EPA 200.8	164084		
70133550027	J122	EPA 200.8	164084		
70133550028	J123	EPA 200.8	164084		
70133550029	J124	EPA 200.8	164084		
70133550030	J201	EPA 200.8	164084		
70133550031	J202	EPA 200.8	164084		
70133550032	J203	EPA 200.8	164084		
70133550033	J204	EPA 200.8	164084		
70133550034	J205	EPA 200.8	164084		
70133550035	J206	EPA 200.8	164085		
70133550036	J207	EPA 200.8	164085		
70133550037	J208-20	EPA 200.8	164085		
70133550038	JHF2A-20	EPA 200.8	164085		
70133550039	JHF2B-20	EPA 200.8	164085		
70133550040	J212-20	EPA 200.8	164085		
70133550041	J213-20	EPA 200.8	164085		
70133550042	J214-20	EPA 200.8	164085		
70133550043	J216-20	EPA 200.8	164085		
70133550044	JMFA-20	EPA 200.8	164085		
70133550045	JMFB-20	EPA 200.8	164085		
70133550046	J217-20	EPA 200.8	164085		
70133550047	J218-20	EPA 200.8	164085		

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CENTRAL BUCKS SCHOOL (JAMISON)

Pace Project No.: 70133550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70133550048	J219-20	EPA 200.8	164086		
70133550049	J220-20	EPA 200.8	164086		
70133550050	J221-20	EPA 200.8	164086		
70133550051	J222-20	EPA 200.8	164086		
70133550052	J223-20	EPA 200.8	164086		
70133550053	J224-20	EPA 200.8	164086		

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