

July 17, 2019

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

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

Dear Mr. Nickerson:

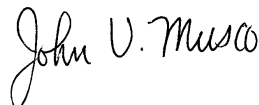
This document has been prepared by Langan to provide the results of the drinking water sampling activities at the above referenced school. Langan sampled the drinking water sources (e.g. fountains, sink faucets, etc.) as identified by the Central Bucks School District facility inventory. The collected 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) with the exception of the following locations:

<u>Location</u>	<u>Sample ID</u>	<u>Result</u>
C136	C136	85.1 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: R. Copenhaver, PG – Langan
B. Lambing. - Langan
Tyler Arinder – Langan

NJ Certificate of Authorization No. 24GA27996400

\\langan.com\data\DYL\data4\200130401\Project Data\Record Data\Reports\Day 7_6-13-19 West_Bridge Valley\CB West_Lead_Sampling_Memo.docx

June 27, 2019

Randy Copenhaver
Langan Engineering
2700 Kelly Road, Suite 200
Warrington, PA 18976

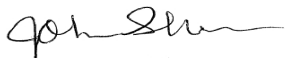
RE: Project: CENTRAL BUCKS SCHOOL (CW WEST)
Pace Project No.: 7094070

Dear Randy Copenhaver:

Enclosed are the analytical results for sample(s) received by the laboratory on June 14, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Bill Lambing, Langan Engineering



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Long Island Certification IDs

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Sample: F129A		Lab ID: 7094070001	Collected: 06/13/19 04:10	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 05:34	7439-92-1	
Sample: F129B		Lab ID: 7094070002	Collected: 06/13/19 04:10	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 05:37	7439-92-1	
Sample: F115		Lab ID: 7094070003	Collected: 06/13/19 04:13	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 05:40	7439-92-1	
Sample: F139		Lab ID: 7094070004	Collected: 06/13/19 04:05	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 05:49	7439-92-1	
Sample: F141A		Lab ID: 7094070005	Collected: 06/13/19 04:07	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	1.2	ug/L	1.0	1		06/27/19 05:52	7439-92-1	
Sample: F141B		Lab ID: 7094070006	Collected: 06/13/19 04:07	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	1.1	ug/L	1.0	1		06/27/19 05:55	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Sample: F141C	Lab ID: 7094070007	Collected: 06/13/19 04:07	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	8.1	ug/L	1.0	1		06/27/19 05:58	7439-92-1	
Sample: F139A	Lab ID: 7094070008	Collected: 06/13/19 04:01	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:07	7439-92-1	
Sample: E112	Lab ID: 7094070009	Collected: 06/13/19 04:24	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:10	7439-92-1	
Sample: E112A	Lab ID: 7094070010	Collected: 06/13/19 04:24	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:13	7439-92-1	
Sample: E110A	Lab ID: 7094070011	Collected: 06/13/19 04:22	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:16	7439-92-1	
Sample: E110B	Lab ID: 7094070012	Collected: 06/13/19 04:22	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:19	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Sample: E110	Lab ID: 7094070013	Collected: 06/13/19 04:21	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:28	7439-92-1	
Sample: F102A	Lab ID: 7094070014	Collected: 06/13/19 04:15	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:44	7439-92-1	
Sample: F102B	Lab ID: 7094070015	Collected: 06/13/19 04:15	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:47	7439-92-1	
Sample: G102A	Lab ID: 7094070016	Collected: 06/13/19 04:16	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:50	7439-92-1	
Sample: G102B	Lab ID: 7094070017	Collected: 06/13/19 04:16	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:53	7439-92-1	
Sample: G105	Lab ID: 7094070018	Collected: 06/13/19 04:18	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:56	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Sample: E100F	Lab ID: 7094070019	Collected: 06/13/19 04:27	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 06:59	7439-92-1	
Sample: E106	Lab ID: 7094070020	Collected: 06/13/19 04:29	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:02	7439-92-1	
Sample: E108	Lab ID: 7094070021	Collected: 06/13/19 04:30	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:05	7439-92-1	
Sample: D117F	Lab ID: 7094070022	Collected: 06/13/19 04:32	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:08	7439-92-1	
Sample: D102F	Lab ID: 7094070023	Collected: 06/13/19 05:06	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:11	7439-92-1	
Sample: D102B	Lab ID: 7094070024	Collected: 06/13/19 05:02	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	3.3	ug/L	1.0	1		06/27/19 07:26	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Sample: A104	Lab ID: 7094070025	Collected: 06/13/19 05:00	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:29	7439-92-1	
Sample: A114	Lab ID: 7094070026	Collected: 06/13/19 05:04	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	1.3	ug/L	1.0	1		06/27/19 07:33	7439-92-1	
Sample: C117F	Lab ID: 7094070027	Collected: 06/13/19 04:36	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:36	7439-92-1	
Sample: C103F	Lab ID: 7094070028	Collected: 06/13/19 04:45	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:39	7439-92-1	
Sample: C104A	Lab ID: 7094070029	Collected: 06/13/19 04:46	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:42	7439-92-1	
Sample: C104B	Lab ID: 7094070030	Collected: 06/13/19 04:46	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 07:45	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)
Pace Project No.: 7094070

Sample: C106A		Lab ID: 7094070031	Collected: 06/13/19 04:49	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 07:48	7439-92-1	
Sample: C106B		Lab ID: 7094070032	Collected: 06/13/19 04:49	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 07:57	7439-92-1	
Sample: C106C		Lab ID: 7094070033	Collected: 06/13/19 04:49	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 08:06	7439-92-1	
Sample: C106D		Lab ID: 7094070034	Collected: 06/13/19 04:49	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 08:15	7439-92-1	
Sample: C106E		Lab ID: 7094070035	Collected: 06/13/19 04:49	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 08:18	7439-92-1	
Sample: C106F		Lab ID: 7094070036	Collected: 06/13/19 04:49	Received: 06/14/19 11:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 08:21	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Sample: B104	Lab ID: 7094070037	Collected: 06/13/19 04:52	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 08:24	7439-92-1	
Sample: B102	Lab ID: 7094070038	Collected: 06/13/19 04:53	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 08:33	7439-92-1	
Sample: A124F	Lab ID: 7094070039	Collected: 06/13/19 04:54	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 08:37	7439-92-1	
Sample: B112F	Lab ID: 7094070040	Collected: 06/13/19 04:43	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 08:40	7439-92-1	
Sample: C139	Lab ID: 7094070041	Collected: 06/13/19 04:42	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 08:43	7439-92-1	
Sample: C136	Lab ID: 7094070042	Collected: 06/13/19 04:41	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	85.1	ug/L	1.0	1		06/27/19 08:46	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)
Pace Project No.: 7094070

Sample: C130	Lab ID: 7094070043	Collected: 06/13/19 04:39	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	1.1	ug/L	1.0	1		06/27/19 08:49	7439-92-1	
Sample: D139F	Lab ID: 7094070044	Collected: 06/13/19 04:35	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 08:58	7439-92-1	
Sample: A204	Lab ID: 7094070045	Collected: 06/13/19 05:09	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 09:01	7439-92-1	
Sample: A224	Lab ID: 7094070046	Collected: 06/13/19 05:10	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 09:10	7439-92-1	
Sample: B212	Lab ID: 7094070047	Collected: 06/13/19 05:12	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 09:13	7439-92-1	
Sample: H103	Lab ID: 7094070048	Collected: 06/13/19 05:18	Received: 06/14/19 11:00	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		06/27/19 09:16	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL (CW WEST)

Pace Project No.: 7094070

Sample: H101		Lab ID: 7094070049		Collected: 06/13/19 05:19	Received: 06/14/19 11:00	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 09:19	7439-92-1	

Sample: F139B		Lab ID: 7094070050		Collected: 06/13/19 04:03	Received: 06/14/19 11:00	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8						
Lead	<1.0	ug/L	1.0	1		06/27/19 09:22	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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July 17, 2019

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

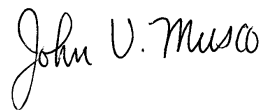
**Re: Lead in Drinking Water Sample Collection and Reporting
Central Bucks West High School Stadium
375 W Court Street
Doylestown, PA 18901
Bucks County, Pennsylvania**

Dear Mr. Nickerson:

This document has been prepared by Langan to provide the results of the drinking water sampling activities at the above referenced school. Langan sampled the drinking water sources (e.g. fountains, sink faucets, etc.) 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).

Sincerely,
Langan Engineering & Environmental Services, Inc.



John V. Musco
Associate

Enclosure

cc: R. Copenhaver, PG – Langan
B. Lambing. - Langan
Tyler Arinder – Langan

NJ Certificate of Authorization No. 24GA27996400

\\Langan.com\data\DYL\data4\200130401\Project Data\Record Data\Reports\Day 10_6-20-19_Stadiums_East_West_SouthWest Stadium_Lead_Sampling_Memo.docx

July 05, 2019

Randy Copenhaver
Langan Engineering
2700 Kelly Road, Suite 200
Warrington, PA 18976

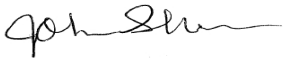
RE: Project: CENTRAL BUCKS SCHOOL-WEST STA
Pace Project No.: 7095240

Dear Randy Copenhaver:

Enclosed are the analytical results for sample(s) received by the laboratory on June 22, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Bill Lambing, Langan Engineering



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CENTRAL BUCKS SCHOOL-WEST STA

Pace Project No.: 7095240

Long Island Certification IDs

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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ANALYTICAL RESULTS

Project: CENTRAL BUCKS SCHOOL-WEST STA

Pace Project No.: 7095240

Sample: CBW1	Lab ID: 7095240001	Collected: 06/20/19 07:16	Received: 06/22/19 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		07/02/19 00:13	7439-92-1	
Sample: CBW2	Lab ID: 7095240002	Collected: 06/20/19 07:18	Received: 06/22/19 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		07/02/19 00:22	7439-92-1	
Sample: CBW3	Lab ID: 7095240003	Collected: 06/20/19 07:19	Received: 06/22/19 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		07/02/19 00:25	7439-92-1	M1
Sample: CBW4	Lab ID: 7095240004	Collected: 06/20/19 07:20	Received: 06/22/19 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		07/02/19 00:34	7439-92-1	
Sample: CBW5	Lab ID: 7095240005	Collected: 06/20/19 07:21	Received: 06/22/19 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		07/02/19 00:37	7439-92-1	
Sample: CBW6	Lab ID: 7095240006	Collected: 06/20/19 07:22	Received: 06/22/19 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8							
Lead	<1.0	ug/L	1.0	1		07/02/19 00:40	7439-92-1	

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