

August 4, 2021

Thomas M. Hanna, P.E., LEED AP
Capital Projects Manager
Central Bucks School District
320 West Swamp Road
Doylestown, PA 18901

**Re: Lead in Drinking Water Sample Collection and Reporting
Barclay Elementary School
2015 Palomino Drive
Warrington, PA 18976**

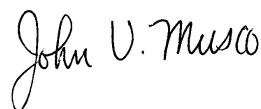
Dear Mr. Hanna:

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. bottle fillers, fountains, sink faucets, etc.) on June 30, 2021 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 figure 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\200130403\Project Data\Record Data\Reports\Day 4_6-30-2021_Titus_Tamanend_Barclay_Pine
Run_Unam\3rd_Barclay\Barclay_Lead_Sampling_Report_2021.docx

July 14, 2021

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

RE: Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Dear Bill Lambing:

Enclosed are the analytical results for sample(s) received by the laboratory on July 06, 2021. 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 (BARCLAY)

Pace Project No.: 70179634

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B401_063021	Lab ID: 70179634001	Collected: 06/30/21 08:52	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.0	ug/L	1.0	1		07/13/21 19:20	7439-92-1	M1
Sample: B402_063021	Lab ID: 70179634002	Collected: 06/30/21 08:52	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.2	ug/L	1.0	1		07/13/21 19:25	7439-92-1	
Sample: B403_063021	Lab ID: 70179634003	Collected: 06/30/21 08:51	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.3	ug/L	1.0	1		07/13/21 19:26	7439-92-1	
Sample: B404_063021	Lab ID: 70179634004	Collected: 06/30/21 08:50	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.3	ug/L	1.0	1		07/13/21 19:27	7439-92-1	
Sample: B405_063021	Lab ID: 70179634005	Collected: 06/30/21 08:49	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:28	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B406_063021	Lab ID: 70179634006	Collected: 06/30/21 08:48	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:29	7439-92-1	
Sample: B407_063021	Lab ID: 70179634007	Collected: 06/30/21 08:47	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.4	ug/L	1.0	1		07/13/21 19:30	7439-92-1	
Sample: B408_063021	Lab ID: 70179634008	Collected: 06/30/21 08:46	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.8	ug/L	1.0	1		07/13/21 19:31	7439-92-1	
Sample: B410_063021	Lab ID: 70179634009	Collected: 06/30/21 08:44	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.1	ug/L	1.0	1		07/13/21 19:32	7439-92-1	
Sample: B411_063021	Lab ID: 70179634010	Collected: 06/30/21 08:43	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.7	ug/L	1.0	1		07/13/21 19:33	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B412_063021	Lab ID: 70179634011	Collected: 06/30/21 08:43	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	3.5	ug/L	1.0	1		07/13/21 19:34	7439-92-1	

Sample: B413_063021	Lab ID: 70179634012	Collected: 06/30/21 08:41	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.2	ug/L	1.0	1		07/13/21 19:38	7439-92-1	

Sample: B414_063021	Lab ID: 70179634013	Collected: 06/30/21 08:42	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.1	ug/L	1.0	1		07/13/21 19:39	7439-92-1	

Sample: B415_063021	Lab ID: 70179634014	Collected: 06/30/21 08:41	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.8	ug/L	1.0	1		07/13/21 19:40	7439-92-1	

Sample: B416_063021	Lab ID: 70179634015	Collected: 06/30/21 08:40	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.6	ug/L	1.0	1		07/13/21 19:41	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B417_063021	Lab ID: 70179634016	Collected: 06/30/21 08:39	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.4	ug/L	1.0	1		07/13/21 19:42	7439-92-1	

Sample: B418_063021	Lab ID: 70179634017	Collected: 06/30/21 08:38	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.9	ug/L	1.0	1		07/13/21 19:43	7439-92-1	

Sample: BC4_063021	Lab ID: 70179634018	Collected: 06/30/21 08:13	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:44	7439-92-1	

Sample: B420_063021	Lab ID: 70179634019	Collected: 06/30/21 08:14	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.8	ug/L	1.0	1		07/13/21 19:45	7439-92-1	

Sample: B421_063021	Lab ID: 70179634020	Collected: 06/30/21 08:15	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.8	ug/L	1.0	1		07/13/21 19:48	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B422_063021	Lab ID: 70179634021	Collected: 06/30/21 08:15	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	3.2	ug/L	1.0	1		07/13/21 19:51	7439-92-1	
Sample: B423_063021	Lab ID: 70179634022	Collected: 06/30/21 08:16	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	3.0	ug/L	1.0	1		07/13/21 19:54	7439-92-1	
Sample: B425_063021	Lab ID: 70179634023	Collected: 06/30/21 08:17	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.9	ug/L	1.0	1		07/13/21 19:55	7439-92-1	
Sample: B427_063021	Lab ID: 70179634024	Collected: 06/30/21 08:17	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.1	ug/L	1.0	1		07/13/21 19:56	7439-92-1	
Sample: B428_063021	Lab ID: 70179634025	Collected: 06/30/21 08:18	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.5	ug/L	1.0	1		07/13/21 19:56	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B429_063021	Lab ID: 70179634026	Collected: 06/30/21 08:19	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:59	7439-92-1	
Sample: B430_063021	Lab ID: 70179634027	Collected: 06/30/21 08:20	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:00	7439-92-1	
Sample: B431_063021	Lab ID: 70179634028	Collected: 06/30/21 08:20	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:01	7439-92-1	
Sample: B432_063021	Lab ID: 70179634029	Collected: 06/30/21 08:21	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.1	ug/L	1.0	1		07/13/21 20:02	7439-92-1	
Sample: B105A_063021	Lab ID: 70179634030	Collected: 06/30/21 08:10	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	7.8	ug/L	1.0	1		07/13/21 20:03	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B104A_063021	Lab ID: 70179634031	Collected: 06/30/21 08:07	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.8	ug/L	1.0	1		07/13/21 20:04	7439-92-1	
Sample: B104B_063021	Lab ID: 70179634032	Collected: 06/30/21 08:07	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.4	ug/L	1.0	1		07/13/21 20:07	7439-92-1	
Sample: B104C_063021	Lab ID: 70179634033	Collected: 06/30/21 08:07	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:08	7439-92-1	
Sample: BCF_063021	Lab ID: 70179634034	Collected: 06/30/21 08:05	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:11	7439-92-1	
Sample: B101A_063021	Lab ID: 70179634035	Collected: 06/30/21 08:04	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.9	ug/L	1.0	1		07/13/21 20:12	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B201_063021	Lab ID: 70179634036	Collected: 06/30/21 08:03	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:13	7439-92-1	

Sample: B202_063021	Lab ID: 70179634037	Collected: 06/30/21 08:02	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	7.6	ug/L	1.0	1		07/13/21 20:14	7439-92-1	

Sample: B301_063021	Lab ID: 70179634038	Collected: 06/30/21 08:01	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:15	7439-92-1	

Sample: B512F_063021	Lab ID: 70179634039	Collected: 06/30/21 08:24	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:16	7439-92-1	

Sample: B509_063021	Lab ID: 70179634040	Collected: 06/30/21 08:26	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.1	ug/L	1.0	1		07/13/21 20:17	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

Sample: B508_063021	Lab ID: 70179634041	Collected: 06/30/21 08:27	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.7	ug/L	1.0	1		07/13/21 20:20	7439-92-1	

Sample: B507_063021	Lab ID: 70179634042	Collected: 06/30/21 08:30	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 20:24	7439-92-1	

Sample: B506_063021	Lab ID: 70179634043	Collected: 06/30/21 08:31	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.2	ug/L	1.0	1		07/13/21 20:25	7439-92-1	

Sample: B505A_063021	Lab ID: 70179634044	Collected: 06/30/21 08:33	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.4	ug/L	1.0	1		07/13/21 20:26	7439-92-1	

Sample: B505B_063021	Lab ID: 70179634045	Collected: 06/30/21 08:33	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.8	ug/L	1.0	1		07/13/21 20:27	7439-92-1	

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ANALYTICAL RESULTS

Project: CENTRAL BUCKS (BARCLAY)

Pace Project No.: 70179634

Sample: B505C_063021	Lab ID: 70179634046	Collected: 06/30/21 08:33	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.8	ug/L	1.0	1		07/13/21 20:28	7439-92-1	

Sample: B505D_063021	Lab ID: 70179634047	Collected: 06/30/21 08:33	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	2.1	ug/L	1.0	1		07/13/21 20:29	7439-92-1	

Sample: B504_063021	Lab ID: 70179634048	Collected: 06/30/21 08:36	Received: 07/06/21 19:20	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 Pace Analytical Services - Melville							
Lead	1.7	ug/L	1.0	1		07/13/21 20:30	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

QC Batch:	217476	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: 70179634001, 70179634002, 70179634003, 70179634004, 70179634005, 70179634006, 70179634007, 70179634008, 70179634009, 70179634010, 70179634011, 70179634012, 70179634013, 70179634014, 70179634015, 70179634016, 70179634017, 70179634018, 70179634019, 70179634020

METHOD BLANK: 1096129 Matrix: Water

Associated Lab Samples: 70179634001, 70179634002, 70179634003, 70179634004, 70179634005, 70179634006, 70179634007, 70179634008, 70179634009, 70179634010, 70179634011, 70179634012, 70179634013, 70179634014, 70179634015, 70179634016, 70179634017, 70179634018, 70179634019, 70179634020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/13/21 19:18	

LABORATORY CONTROL SAMPLE: 1096130

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.8	100	85-115	

MATRIX SPIKE SAMPLE: 1096132

Parameter	Units	70179634001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.0	50	69.6	137	70-130	M1

MATRIX SPIKE SAMPLE: 1096134

Parameter	Units	70179634011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	3.5	50	65.0	123	70-130	

SAMPLE DUPLICATE: 1096131

Parameter	Units	70179634001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.0	<1.0		

SAMPLE DUPLICATE: 1096133

Parameter	Units	70179634011 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	3.5	3.6	2	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CENTRAL BUCKS (BARCLAY)
Pace Project No.: 70179634

QC Batch:	217477	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: 70179634021, 70179634022, 70179634023, 70179634024, 70179634025, 70179634026, 70179634027, 70179634028, 70179634029, 70179634030, 70179634031, 70179634032, 70179634033, 70179634034, 70179634035, 70179634036, 70179634037, 70179634038, 70179634039, 70179634040

METHOD BLANK: 1096136 Matrix: Water

Associated Lab Samples: 70179634021, 70179634022, 70179634023, 70179634024, 70179634025, 70179634026, 70179634027, 70179634028, 70179634029, 70179634030, 70179634031, 70179634032, 70179634033, 70179634034, 70179634035, 70179634036, 70179634037, 70179634038, 70179634039, 70179634040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/13/21 19:49	

LABORATORY CONTROL SAMPLE: 1096137

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

MATRIX SPIKE SAMPLE: 1096139

Parameter	Units	70179634021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	3.2	50	63.0	119	70-130	

MATRIX SPIKE SAMPLE: 1096141

Parameter	Units	70179634031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.8	50	63.0	122	70-130	

SAMPLE DUPLICATE: 1096138

Parameter	Units	70179634021 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	3.2	3.2	2	

SAMPLE DUPLICATE: 1096140

Parameter	Units	70179634031 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.8	1.8	2	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CENTRAL BUCKS (BARCLAY)

Pace Project No.: 70179634

QC Batch:	217478	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:	70179634041, 70179634042, 70179634043, 70179634044, 70179634045, 70179634046, 70179634047, 70179634048		

METHOD BLANK:	1096143	Matrix:	Water
Associated Lab Samples:	70179634041, 70179634042, 70179634043, 70179634044, 70179634045, 70179634046, 70179634047, 70179634048		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/13/21 20:18	

LABORATORY CONTROL SAMPLE: 1096144

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.1	100	85-115	

MATRIX SPIKE SAMPLE: 1096146

Parameter	Units	70179634041 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.7	50	60.8	118	70-130	

SAMPLE DUPLICATE: 1096145

Parameter	Units	70179634041 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.7	1.6	4	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CENTRAL BUCKS (BARCLAY)

Pace Project No.: 70179634

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 (BARCLAY)

Pace Project No.: 70179634

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70179634001	B401_063021	EPA 200.8	217476		
70179634002	B402_063021	EPA 200.8	217476		
70179634003	B403_063021	EPA 200.8	217476		
70179634004	B404_063021	EPA 200.8	217476		
70179634005	B405_063021	EPA 200.8	217476		
70179634006	B406_063021	EPA 200.8	217476		
70179634007	B407_063021	EPA 200.8	217476		
70179634008	B408_063021	EPA 200.8	217476		
70179634009	B410_063021	EPA 200.8	217476		
70179634010	B411_063021	EPA 200.8	217476		
70179634011	B412_063021	EPA 200.8	217476		
70179634012	B413_063021	EPA 200.8	217476		
70179634013	B414_063021	EPA 200.8	217476		
70179634014	B415_063021	EPA 200.8	217476		
70179634015	B416_063021	EPA 200.8	217476		
70179634016	B417_063021	EPA 200.8	217476		
70179634017	B418_063021	EPA 200.8	217476		
70179634018	BC4_063021	EPA 200.8	217476		
70179634019	B420_063021	EPA 200.8	217476		
70179634020	B421_063021	EPA 200.8	217476		
70179634021	B422_063021	EPA 200.8	217477		
70179634022	B423_063021	EPA 200.8	217477		
70179634023	B425_063021	EPA 200.8	217477		
70179634024	B427_063021	EPA 200.8	217477		
70179634025	B428_063021	EPA 200.8	217477		
70179634026	B429_063021	EPA 200.8	217477		
70179634027	B430_063021	EPA 200.8	217477		
70179634028	B431_063021	EPA 200.8	217477		
70179634029	B432_063021	EPA 200.8	217477		
70179634030	B105A_063021	EPA 200.8	217477		
70179634031	B104A_063021	EPA 200.8	217477		
70179634032	B104B_063021	EPA 200.8	217477		
70179634033	B104C_063021	EPA 200.8	217477		
70179634034	BCF_063021	EPA 200.8	217477		
70179634035	B101A_063021	EPA 200.8	217477		
70179634036	B201_063021	EPA 200.8	217477		
70179634037	B202_063021	EPA 200.8	217477		
70179634038	B301_063021	EPA 200.8	217477		
70179634039	B512F_063021	EPA 200.8	217477		
70179634040	B509_063021	EPA 200.8	217477		
70179634041	B508_063021	EPA 200.8	217478		
70179634042	B507_063021	EPA 200.8	217478		
70179634043	B506_063021	EPA 200.8	217478		
70179634044	B505A_063021	EPA 200.8	217478		
70179634045	B505B_063021	EPA 200.8	217478		
70179634046	B505C_063021	EPA 200.8	217478		
70179634047	B505D_063021	EPA 200.8	217478		
70179634048	B504_063021	EPA 200.8	217478		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CENTRAL BUCKS (BARCLAY)

Pace Project No.: 70179634

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
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REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Form

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed.

WO#: 70179634



70179634

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Langan Engineering		Report To: Bill Lambing		Attention: Bill Lambing	
Address: 2700 Kelly Road, Suite 200		Copy To:		Company Name: Langan Engineering	
Warrington, PA 18976		Purchase Order #: 200130403-400-001		Address: 2700 Kelly Road, Suite 200	
Email: blambing@langan.com		Project Name: Central Bucks School District (Barclay)		Pace Quote: See Langan-Pace MSA	
Phone: 215-491-6500 Fax 2015-491-6501		Project #: 200130403		Pace Project Manager: sophia.sparkes@pacelabs.com	
Requested Due Date: Standard Turn Around (5 day)				Pace Profile #: 7983	
Regulatory Agency					
State / Location					
PA					

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test 200.7 Metals (PB)	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other			
						DATE	TIME	DATE	TIME													
1	B401_063021	DW	G	6/30/2021	852	6/30/2021	852	1			X									X		
2	B402_063021	DW	G	6/30/2021	852	6/30/2021	852	1			X									X		
3	B403_063021	DW	G	6/30/2021	851	6/30/2021	851	1			X									X		
4	B404_063021	DW	G	6/30/2021	850	6/30/2021	850	1			X									X		
5	B405_063021	DW	G	6/30/2021	849	6/30/2021	849	1			X									X		
6	B406_063021	DW	G	6/30/2021	848	6/30/2021	848	1			X									X		
7	B407_063021	DW	G	6/30/2021	847	6/30/2021	847	1			X									X		
8	B408_063021	DW	G	6/30/2021	846	6/30/2021	846	1			X									X		
9	B410_063021	DW	G	6/30/2021	844	6/30/2021	844	1			X									X		
10	B411_063021	DW	G	6/30/2021	843	6/30/2021	843	1			X									X		
11	B412_063021	DW	G	6/30/2021	843	6/30/2021	843	1			X									X		
12	B413_063021	DW	G	6/30/2021	841	6/30/2021	841	1			X									X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<i>[Signature]</i>	7/2/2021	1200	<i>[Signature]</i>	7/2/2021	1200				
	<i>[Signature]</i>	7/6/21	1620	<i>[Signature]</i>	7/6/21	1620				
	<i>[Signature]</i>	7/6/21	1920	<i>[Signature]</i>	7/6/21	1920				

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER: <i>[Signature]</i>					
DATE Signed: 7/2/2021					



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: Langan Engineering
 Address: 2700 Kelly Road, Suite 200
 Warrington, PA 18976
 Email: blambing@langan.com
 Phone: 215-491-6500 Fax 2015-491-6501
 Requested Due Date: Standard Turn Around (5 day)

Section B

Required Project Information:

Report To: Bill Lambing
 Copy To:
 Purchase Order #: 200130403-400-001
 Project Name: Central Bucks School District (Barclay)
 Project #: 200130403

Section C

Invoice Information:

Attention: Bill Lambing
 Company Name: Langan Engineering
 Address: 2700 Kelly Road, Suite 200
 Pace Quote: See Langan-Pace MSA
 Pace Project Manager: sophia.sparkes@pacelabs.com
 Pace Profile #: 7983

Regulatory Agency
State / Location
PA

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample Ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test 200,7 Metals (PB)	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)
				START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other			
				DATE	TIME	DATE	TIME													
13	B414_063021	DW	G	6/30/2021	842	6/30/2021	842	1		X									X	
14	B415_063021	DW	G	6/30/2021	841	6/30/2021	841	1		X									X	
15	B416_063021	DW	G	6/30/2021	840	6/30/2021	840	1		X									X	
16	B417_063021	DW	G	6/30/2021	839	6/30/2021	839	1		X									X	
17	B418_063021	DW	G	6/30/2021	838	6/30/2021	838	1		X									X	
18	BC4_063021	DW	G	6/30/2021	813	6/30/2021	813	1		X									X	
19	B420_063021	DW	G	6/30/2021	814	6/30/2021	814	1		X									X	
20	B421_063021	DW	G	6/30/2021	815	6/30/2021	815	1		X									X	
21	B422_063021	DW	G	6/30/2021	815	6/30/2021	815	1		X									X	
22	B423_063021	DW	G	6/30/2021	816	6/30/2021	816	1		X									X	
23	B425_063021	DW	G	6/30/2021	817	6/30/2021	817	1		X									X	
24	B427_063021	DW	G	6/30/2021	817	6/30/2021	817	1		X									X	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>[Signature]</i>	7/2/2021	1200	<i>[Signature]</i>	7/2/2021	1200	
	<i>[Signature]</i>	7/6/21	1500	<i>[Signature]</i>	7/6/21	1200	
	<i>[Signature]</i>	7/6/21	1920	<i>[Signature]</i>	7/6/21	1920	

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER: <i>[Signature]</i>					
DATE Signed: 7/2/2021					



CHAIN-OF-CUSTODY / Analytical Request Doc

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be

WO#: 70179634

PM: STS

Due Date: 07/21/21

CLIENT: LAN-PA

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Table with 3 columns: Section A, Section B, Section C. Fields include Company, Address, Email, Report To, Copy To, Attention, Company Name, Address, Purchase Order #, Project Name, Project #.

Regulatory Agency:
State / Location: PA

Main data table with columns: ITEM #, MATRIX CODE, COLLECTED (START/END DATE/TIME), PRESERVATIVES, ANALYSES TEST, REQUESTED ANALYSIS FILTERED (Y/N), Residual Chlorine (Y/N). Rows 25-36.

Table with columns: ADDITIONAL COMMENTS, RELINQUISHED BY / AFFILIATION, DATE, TIME, ACCEPTED BY / AFFILIATION, DATE, TIME, SAMPLE CONDITIONS. Contains handwritten signatures and dates.

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Bill Lambing
SIGNATURE of SAMPLER: [Handwritten Signature]
DATE Signed: 7/2/2021



Sample Condition Upon Receipt

WO#: 70179634

Client Name: Langan EngineeringProject: PM: STS Due Date: 07/21/21
CLIENT: LAN-PACourier: Fed Ex UPS USPS Client Commercial Pace OtherTracking #: _____ Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes NoPacking Material: Bubble Wrap Bubble Bags Ziploc None OtherThermometer Used: TH091 Correction Factor: +0.0Cooler Temperature(°C): 24.5 Cooler Temperature Corrected(°C): 24.5Temp should be above freezing to 6.0°C
USDA Regulated Soil (N/A, water sample)Temperature Blank Present: Yes No
Type of Ice: Wet Blue None
 Samples on ice, cooling process has begun
Date/Time 5035A kits placed in freezer _____Date and Initials of person examining contents: MN 7/7/21Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No
Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No
If Yes to either question, fill out a Regulated Soil Checklist [F-LI-C-010] and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		12.
-Includes date/time/ID, Matrix: <u>SL WT OIL</u>				
All containers needing preservation have been checked?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # <u>AC155968</u>				Sample #
All containers needing preservation are found to be in compliance with method recommendation?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)				
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).				Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #				
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____				

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Analysis pulled from profile