

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  
Central Bucks South High School Stadium  
1100 Folly Road  
Warrington, PA 18976**

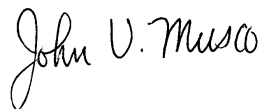
Dear Mr. Hanna:

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 29, 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 3\_6-29-2021\_Butler\_Mill Creek\_South\_South Stad\4th\_South Stadium\South Stadium\_Lead\_Sampling\_Report\_2021.docx

July 20, 2021

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

RE: Project: CENTRAL BUCKS SD (SOUTH STAD)  
Pace Project No.: 70179816

Dear Bill Lambing:

Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 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

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

## CERTIFICATIONS

Project: CENTRAL BUCKS SD (SOUTH STAD)

Pace Project No.: 70179816

---

### **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

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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SD (SOUTH STAD)  
Pace Project No.: 70179816

Sample: CBSA_062921	Lab ID: 70179816001	Collected: 06/29/21 11:23	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/19/21 16:57	7439-92-1	
Sample: CBSB_062921	Lab ID: 70179816002	Collected: 06/29/21 11:23	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/19/21 16:58	7439-92-1	
Sample: CBSC_062921	Lab ID: 70179816003	Collected: 06/29/21 11:25	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.2	ug/L	1.0	1		07/19/21 16:59	7439-92-1	
Sample: CBSD_062921	Lab ID: 70179816004	Collected: 06/29/21 11:25	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/19/21 17:00	7439-92-1	
Sample: CBSE_062921	Lab ID: 70179816005	Collected: 06/29/21 11:26	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	2.6	ug/L	1.0	1		07/19/21 17:01	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS SD (SOUTH STAD)

Pace Project No.: 70179816

Sample: CBSF_062921	Lab ID: 70179816006	Collected: 06/29/21 11:30	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>2.3</b>	ug/L	1.0	1		07/19/21 17:04	7439-92-1	

Sample: CBSG_062921	Lab ID: 70179816007	Collected: 06/29/21 11:30	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>1.3</b>	ug/L	1.0	1		07/19/21 17:05	7439-92-1	

Sample: CBSH_062921	Lab ID: 70179816008	Collected: 06/29/21 11:34	Received: 07/08/21 20:40	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>1.6</b>	ug/L	1.0	1		07/19/21 17:08	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS SD (SOUTH STAD)  
Pace Project No.: 70179816

QC Batch: 218213      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: 70179816001, 70179816002, 70179816003, 70179816004, 70179816005, 70179816006, 70179816007, 70179816008

METHOD BLANK: 1100187      Matrix: Water  
Associated Lab Samples: 70179816001, 70179816002, 70179816003, 70179816004, 70179816005, 70179816006, 70179816007, 70179816008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/19/21 16:48	

LABORATORY CONTROL SAMPLE: 1100188

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

MATRIX SPIKE SAMPLE: 1100190

Parameter	Units	70179983010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	65.7	131	70-130	M1

MATRIX SPIKE SAMPLE: 1100192

Parameter	Units	70179816007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.3	50	62.6	122	70-130	

SAMPLE DUPLICATE: 1100189

Parameter	Units	70179983010 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1100191

Parameter	Units	70179816007 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.3	1.3	1	

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

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## QUALIFIERS

Project: CENTRAL BUCKS SD (SOUTH STAD)  
Pace Project No.: 70179816

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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 SD (SOUTH STAD)

Pace Project No.: 70179816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70179816001	CBSA_062921	EPA 200.8	218213		
70179816002	CBSB_062921	EPA 200.8	218213		
70179816003	CBSC_062921	EPA 200.8	218213		
70179816004	CBSD_062921	EPA 200.8	218213		
70179816005	CBSE_062921	EPA 200.8	218213		
70179816006	CBSF_062921	EPA 200.8	218213		
70179816007	CBSG_062921	EPA 200.8	218213		
70179816008	CBSH_062921	EPA 200.8	218213		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

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

**WO#: 70179816**



70179816

**Section A**  
**Required Client Information:**

Company: Langan Engineering  
 Address: 2700 Kelly Road, Suite 200  
 Warrington, PA 18976  
 Email: [blambing@langan.com](mailto: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 (South Stadium)  
 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 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								Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)						
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test	Y/N	200.7 Metals (PB)	Requested Analysis Filtered (Y/N)															
						DATE	TIME	DATE	TIME																													
1	CBSA_062921	DW	G	6/29/2021	1123	6/29/2021	1123	1											X																			
2	CBSB_062921	DW	G	6/29/2021	1123	6/29/2021	1123	1											X																			
3	CBSC_062921	DW	G	6/29/2021	1125	6/29/2021	1125	1											X																			
4	CBSD_062921	DW	G	6/29/2021	1125	6/29/2021	1125	1											X																			
5	CBSE_062921	DW	G	6/29/2021	1126	6/29/2021	1126	1											X																			
6	CBSF_062921	DW	G	6/29/2021	1130	6/29/2021	1130	1											X																			
7	CBSG_062921	DW	G	6/29/2021	1130	6/29/2021	1130	1											X																			
8	CBSH_062921	DW	G	6/29/2021	1134	6/29/2021	1134	1											X																			
141B		RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																								
		<i>Bill Lambing</i>				7/2/2021	12:00	<i>Bill Lambing</i>				7/2/2021	12:00																									
		<i>Bill Lambing</i>				7/6/21	15:30	<i>Bill Lambing</i>				7/6/21	16:20																									
		<i>Bill Lambing</i>				7/6/21	19:20	<i>Bill Lambing</i>				7/6/21	19:20	19.0	N	N	Y																					

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: Bill Lambing

SIGNATURE of SAMPLER: *Bill Lambing* DATE Signed: 7/2/2021

TEMP in C

Received on ice (Y/N)

Sealed (Y/N)

Cooler (Y/N)

Custody (Y/N)

Samples Intact (Y/N)



# Sample Condition Upon Receipt

## WO#: 70179816

Client Name: Lang

Proj

PM: STS

Due Date: 07/23/21

CLIENT: LAN-PA

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other

Tracking #: \_\_\_\_\_

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): 19.0    Cooler Temperature Corrected(°C): 19.0

Temp should be above freezing to 6.0°C

USDA Regulated Soil (  N/A, water sample)Date and Initials of person examining contents: 7/6/21 JPDid 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  NoDid 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	10.
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 type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: SL <input checked="" type="checkbox"/> WT <input type="checkbox"/> OIL		
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 <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # <u>H102546</u>		Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		Initial when completed:    Lot # of added preservative:    Date/Time preservative added:
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: \_\_\_\_\_

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  
Central Bucks South High School  
1100 Folly Road  
Warrington, PA 18976**

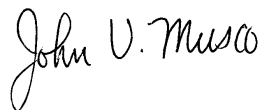
Dear Mr. Hanna:

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 29, 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 3\_6-29-2021\_Butler\_Mill Creek\_South\_South Stad\3rd\_South HS\South\_HS\_Lead\_Sampling\_Report\_2021.docx

July 14, 2021

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

RE: Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

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 (CB SOUTH)

Pace Project No.: 70179623

---

### **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

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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: D228A_062921	Lab ID: 70179623001	Collected: 06/29/21 09:05	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:25	7439-92-1	
Sample: D230A_062921	Lab ID: 70179623002	Collected: 06/29/21 09:07	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.6	ug/L	1.0	1		07/13/21 17:27	7439-92-1	
Sample: D230B_062921	Lab ID: 70179623003	Collected: 06/29/21 09:07	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	5.2	ug/L	1.0	1		07/13/21 17:30	7439-92-1	
Sample: D206S_062921	Lab ID: 70179623004	Collected: 06/29/21 09:11	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	2.0	ug/L	1.0	1		07/13/21 17:31	7439-92-1	
Sample: D206F_062921	Lab ID: 70179623005	Collected: 06/29/21 09:14	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	3.6	ug/L	1.0	1		07/13/21 17:32	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: D219A_062921	Lab ID: 70179623006	Collected: 06/29/21 09:15	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:33	7439-92-1	
<b>Sample: D219B_062921</b>	<b>Lab ID: 70179623007</b>	Collected: 06/29/21 09:15	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:34	7439-92-1	
<b>Sample: D221A_062921</b>	<b>Lab ID: 70179623008</b>	Collected: 06/29/21 09:20	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:35	7439-92-1	
<b>Sample: D221B_062921</b>	<b>Lab ID: 70179623009</b>	Collected: 06/29/21 09:20	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:36	7439-92-1	
<b>Sample: D221C_062921</b>	<b>Lab ID: 70179623010</b>	Collected: 06/29/21 09:23	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:37	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: D221D_062921	Lab ID: 70179623011	Collected: 06/29/21 09:23	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:38	7439-92-1	
<b>Sample: D216_062921</b>	<b>Lab ID: 70179623012</b>	Collected: 06/29/21 09:40	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:43	7439-92-1	
<b>Sample: D213C_062921</b>	<b>Lab ID: 70179623013</b>	Collected: 06/29/21 09:37	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:44	7439-92-1	
<b>Sample: D213B_062921</b>	<b>Lab ID: 70179623014</b>	Collected: 06/29/21 09:37	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:45	7439-92-1	
<b>Sample: D211C_062921</b>	<b>Lab ID: 70179623015</b>	Collected: 06/29/21 09:33	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:46	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: D211B_062921	Lab ID: 70179623016	Collected: 06/29/21 09:33	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:47	7439-92-1	
Sample: D208_062921	Lab ID: 70179623017	Collected: 06/29/21 09:29	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:47	7439-92-1	
Sample: D209_062921	Lab ID: 70179623018	Collected: 06/29/21 09:30	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:49	7439-92-1	
Sample: D207F_062921	Lab ID: 70179623019	Collected: 06/29/21 09:27	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:50	7439-92-1	
Sample: D211F_062921	Lab ID: 70179623020	Collected: 06/29/21 09:26	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:50	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: D203F_062921	Lab ID: 70179623021	Collected: 06/29/21 09:42	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:55	7439-92-1	M1
Sample: D227F_062921	Lab ID: 70179623022	Collected: 06/29/21 09:48	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	3.2	ug/L	1.0	1		07/13/21 17:58	7439-92-1	
Sample: D201A_062921	Lab ID: 70179623023	Collected: 06/29/21 09:45	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 17:59	7439-92-1	
Sample: D201B_062921	Lab ID: 70179623024	Collected: 06/29/21 09:44	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:00	7439-92-1	
Sample: D201C_062921	Lab ID: 70179623025	Collected: 06/29/21 09:46	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:01	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)

Pace Project No.: 70179623

Sample: D201D_062921	Lab ID: 70179623026	Collected: 06/29/21 09:45	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:02	7439-92-1	

Sample: D231D_062921	Lab ID: 70179623027	Collected: 06/29/21 09:49	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:05	7439-92-1	

Sample: D231E_062921	Lab ID: 70179623028	Collected: 06/29/21 09:50	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:06	7439-92-1	

Sample: D231F_062921	Lab ID: 70179623029	Collected: 06/29/21 09:50	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:07	7439-92-1	

Sample: D231A_062921	Lab ID: 70179623030	Collected: 06/29/21 09:52	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:08	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: D231B_062921	Lab ID: 70179623031	Collected: 06/29/21 09:52	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:09	7439-92-1	M1
<b>Sample: D231C_062921</b>	<b>Lab ID: 70179623032</b>	Collected: 06/29/21 09:52	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:12	7439-92-1	
<b>Sample: C223_062921</b>	<b>Lab ID: 70179623033</b>	Collected: 06/29/21 09:54	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	13.8	ug/L	1.0	1		07/13/21 18:12	7439-92-1	
<b>Sample: C224A_062921</b>	<b>Lab ID: 70179623034</b>	Collected: 06/29/21 09:55	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.5	ug/L	1.0	1		07/13/21 18:13	7439-92-1	
<b>Sample: C224B_062921</b>	<b>Lab ID: 70179623035</b>	Collected: 06/29/21 09:55	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:16	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: C235_062921	Lab ID: 70179623036	Collected: 06/29/21 09:56	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:17	7439-92-1	
<b>Sample: A223B_062921</b>	<b>Lab ID: 70179623037</b>	Collected: 06/29/21 10:03	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.5	ug/L	1.0	1		07/13/21 18:18	7439-92-1	
<b>Sample: A215_062921</b>	<b>Lab ID: 70179623038</b>	Collected: 06/29/21 10:02	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:19	7439-92-1	
<b>Sample: A220F_062921</b>	<b>Lab ID: 70179623039</b>	Collected: 06/29/21 10:01	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.2	ug/L	1.0	1		07/13/21 18:20	7439-92-1	
<b>Sample: A203_062921</b>	<b>Lab ID: 70179623040</b>	Collected: 06/29/21 10:11	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:21	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: A206_062921	Lab ID: 70179623041	Collected: 06/29/21 10:11	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	2.1	ug/L	1.0	1		07/13/21 18:24	7439-92-1	
<b>Sample: A207_062921</b>	<b>Lab ID: 70179623042</b>	Collected: 06/29/21 10:10	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	6.8	ug/L	1.0	1		07/13/21 18:28	7439-92-1	
<b>Sample: C219C_062921</b>	<b>Lab ID: 70179623043</b>	Collected: 06/29/21 10:14	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	2.9	ug/L	1.0	1		07/13/21 18:29	7439-92-1	
<b>Sample: C214A_062921</b>	<b>Lab ID: 70179623044</b>	Collected: 06/29/21 10:16	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:30	7439-92-1	
<b>Sample: C214B_062921</b>	<b>Lab ID: 70179623045</b>	Collected: 06/29/21 10:16	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:31	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: C208_062921	Lab ID: 70179623046	Collected: 06/29/21 10:17	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:32	7439-92-1	

Sample: B233AF_062921	Lab ID: 70179623047	Collected: 06/29/21 10:21	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:33	7439-92-1	

Sample: B233BF_062921	Lab ID: 70179623048	Collected: 06/29/21 10:21	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:34	7439-92-1	

Sample: B202_062921	Lab ID: 70179623049	Collected: 06/29/21 10:23	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	2.6	ug/L	1.0	1		07/13/21 18:35	7439-92-1	

Sample: B204_062921	Lab ID: 70179623050	Collected: 06/29/21 10:25	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	6.8	ug/L	1.0	1		07/13/21 18:36	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)

Pace Project No.: 70179623

Sample: B205A_062921	Lab ID: 70179623051	Collected: 06/29/21 10:28	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>2.6</b>	ug/L	1.0	1		07/13/21 18:39	7439-92-1	

Sample: B205B_062921	Lab ID: 70179623052	Collected: 06/29/21 10:28	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>3.0</b>	ug/L	1.0	1		07/13/21 18:42	7439-92-1	

Sample: B205C_062921	Lab ID: 70179623053	Collected: 06/29/21 10:29	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>5.4</b>	ug/L	1.0	1		07/13/21 18:43	7439-92-1	

Sample: B205D_062921	Lab ID: 70179623054	Collected: 06/29/21 10:29	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>3.2</b>	ug/L	1.0	1		07/13/21 18:44	7439-92-1	

Sample: B205E_062921	Lab ID: 70179623055	Collected: 06/29/21 10:29	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>3.9</b>	ug/L	1.0	1		07/13/21 18:45	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: B205F_062921	Lab ID: 70179623056	Collected: 06/29/21 10:29	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	4.3	ug/L	1.0	1		07/13/21 18:46	7439-92-1	
<b>Sample: B215_062921</b>	<b>Lab ID: 70179623057</b>	Collected: 06/29/21 10:34	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	4.0	ug/L	1.0	1		07/13/21 18:47	7439-92-1	
<b>Sample: B214F_062921</b>	<b>Lab ID: 70179623058</b>	Collected: 06/29/21 10:32	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:48	7439-92-1	
<b>Sample: B216_062921</b>	<b>Lab ID: 70179623059</b>	Collected: 06/29/21 10:34	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:50	7439-92-1	
<b>Sample: B233D_062921</b>	<b>Lab ID: 70179623060</b>	Collected: 06/29/21 10:37	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	4.2	ug/L	1.0	1		07/13/21 18:51	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: B227_062921	Lab ID: 70179623061	Collected: 06/29/21 10:40	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.9	ug/L	1.0	1		07/13/21 18:54	7439-92-1	
Sample: B232A_062921	Lab ID: 70179623062	Collected: 06/29/21 10:41	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:57	7439-92-1	
Sample: B232B_062921	Lab ID: 70179623063	Collected: 06/29/21 10:41	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.2	ug/L	1.0	1		07/13/21 18:58	7439-92-1	
Sample: C124A_062921	Lab ID: 70179623064	Collected: 06/29/21 10:48	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 18:59	7439-92-1	
Sample: C124B_062921	Lab ID: 70179623065	Collected: 06/29/21 10:48	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:02	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: C135_062921	Lab ID: 70179623066	Collected: 06/29/21 10:49	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.4	ug/L	1.0	1		07/13/21 19:03	7439-92-1	
<b>Sample: C119C_062921</b>	<b>Lab ID: 70179623067</b>	Collected: 06/29/21 10:51	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:04	7439-92-1	
<b>Sample: C114A_062921</b>	<b>Lab ID: 70179623068</b>	Collected: 06/29/21 10:53	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:05	7439-92-1	
<b>Sample: C114B_062921</b>	<b>Lab ID: 70179623069</b>	Collected: 06/29/21 10:53	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.1	ug/L	1.0	1		07/13/21 19:06	7439-92-1	
<b>Sample: C108PC_062921</b>	<b>Lab ID: 70179623070</b>	Collected: 06/29/21 10:53	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:07	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Sample: C324A_062921	Lab ID: 70179623071	Collected: 06/29/21 10:58	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:08	7439-92-1	
<b>Sample: C324B_062921</b>	<b>Lab ID: 70179623072</b>	Collected: 06/29/21 10:58	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:11	7439-92-1	
<b>Sample: C335_062921</b>	<b>Lab ID: 70179623073</b>	Collected: 06/29/21 10:59	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:13	7439-92-1	
<b>Sample: C319_062921</b>	<b>Lab ID: 70179623074</b>	Collected: 06/29/21 11:03	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.0	ug/L	1.0	1		07/13/21 19:14	7439-92-1	
<b>Sample: C314A_062921</b>	<b>Lab ID: 70179623075</b>	Collected: 06/29/21 11:04	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:15	7439-92-1	

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### ANALYTICAL RESULTS

Project: CENTRAL BUCKS (CB SOUTH)

Pace Project No.: 70179623

Sample: C314B_062921	Lab ID: 70179623076	Collected: 06/29/21 11:04	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		07/13/21 19:16	7439-92-1	

Sample: C308_062921	Lab ID: 70179623077	Collected: 06/29/21 11:05	Received: 07/06/21 19:20	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.2	ug/L	1.0	1		07/13/21 19:17	7439-92-1	

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS (CB SOUTH)

Pace Project No.: 70179623

QC Batch:	217457	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:	70179623001, 70179623002, 70179623003, 70179623004, 70179623005, 70179623006, 70179623007, 70179623008, 70179623009, 70179623010, 70179623011, 70179623012, 70179623013, 70179623014, 70179623015, 70179623016, 70179623017, 70179623018, 70179623019, 70179623020		

METHOD BLANK:	1095842	Matrix:	Water
Associated Lab Samples:	70179623001, 70179623002, 70179623003, 70179623004, 70179623005, 70179623006, 70179623007, 70179623008, 70179623009, 70179623010, 70179623011, 70179623012, 70179623013, 70179623014, 70179623015, 70179623016, 70179623017, 70179623018, 70179623019, 70179623020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/13/21 17:23	

LABORATORY CONTROL SAMPLE:	1095843					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.6	101	85-115	

MATRIX SPIKE SAMPLE:	1095846						
Parameter	Units	70179623001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	64.7	129	70-130	

MATRIX SPIKE SAMPLE:	1095848						
Parameter	Units	70179623011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	63.7	127	70-130	

SAMPLE DUPLICATE:	1095844					
Parameter	Units	70179623001 Result	Dup Result	RPD	Qualifiers	
Lead	ug/L	<1.0	<1.0			

SAMPLE DUPLICATE:	1095847					
Parameter	Units	70179623011 Result	Dup Result	RPD	Qualifiers	
Lead	ug/L	<1.0	<1.0			

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

QC Batch:	217458	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: 70179623021, 70179623022, 70179623023, 70179623024, 70179623025, 70179623026, 70179623027, 70179623028, 70179623029, 70179623030, 70179623031, 70179623032, 70179623033, 70179623034, 70179623035, 70179623036, 70179623037, 70179623038, 70179623039, 70179623040

METHOD BLANK: 1095849 Matrix: Water

Associated Lab Samples: 70179623021, 70179623022, 70179623023, 70179623024, 70179623025, 70179623026, 70179623027, 70179623028, 70179623029, 70179623030, 70179623031, 70179623032, 70179623033, 70179623034, 70179623035, 70179623036, 70179623037, 70179623038, 70179623039, 70179623040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/13/21 17:53	

LABORATORY CONTROL SAMPLE: 1095850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.7	101	85-115	

MATRIX SPIKE SAMPLE: 1095852

Parameter	Units	70179623021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	68.8	137	70-130	M1

MATRIX SPIKE SAMPLE: 1095854

Parameter	Units	70179623031 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	69.1	138	70-130	M1

SAMPLE DUPLICATE: 1095851

Parameter	Units	70179623021 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1095853

Parameter	Units	70179623031 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

QC Batch:	217459	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: 70179623041, 70179623042, 70179623043, 70179623044, 70179623045, 70179623046, 70179623047, 70179623048, 70179623049, 70179623050, 70179623051, 70179623052, 70179623053, 70179623054, 70179623055, 70179623056, 70179623057, 70179623058, 70179623059, 70179623060

METHOD BLANK: 1095855 Matrix: Water

Associated Lab Samples: 70179623041, 70179623042, 70179623043, 70179623044, 70179623045, 70179623046, 70179623047, 70179623048, 70179623049, 70179623050, 70179623051, 70179623052, 70179623053, 70179623054, 70179623055, 70179623056, 70179623057, 70179623058, 70179623059, 70179623060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/13/21 18:22	

LABORATORY CONTROL SAMPLE: 1095856

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

MATRIX SPIKE SAMPLE: 1095858

Parameter	Units	70179623041 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	2.1	50	66.2	128	70-130	

MATRIX SPIKE SAMPLE: 1095860

Parameter	Units	70179623051 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	2.6	50	65.9	127	70-130	

SAMPLE DUPLICATE: 1095857

Parameter	Units	70179623041 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	2.1	2.0	5	

SAMPLE DUPLICATE: 1095859

Parameter	Units	70179623051 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	2.6	2.6	1	

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### QUALITY CONTROL DATA

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

QC Batch:	217460	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: 70179623061, 70179623062, 70179623063, 70179623064, 70179623065, 70179623066, 70179623067, 70179623068, 70179623069, 70179623070, 70179623071, 70179623072, 70179623073, 70179623074, 70179623075, 70179623076, 70179623077

METHOD BLANK: 1095862 Matrix: Water  
Associated Lab Samples: 70179623061, 70179623062, 70179623063, 70179623064, 70179623065, 70179623066, 70179623067, 70179623068, 70179623069, 70179623070, 70179623071, 70179623072, 70179623073, 70179623074, 70179623075, 70179623076, 70179623077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/13/21 18:52	

LABORATORY CONTROL SAMPLE: 1095863

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.7	101	85-115	

MATRIX SPIKE SAMPLE: 1095865

Parameter	Units	70179623061 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.9	50	66.0	128	70-130	

MATRIX SPIKE SAMPLE: 1095867

Parameter	Units	70179623071 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	62.8	126	70-130	

SAMPLE DUPLICATE: 1095864

Parameter	Units	70179623061 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.9	1.8	3	

SAMPLE DUPLICATE: 1095866

Parameter	Units	70179623071 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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## QUALIFIERS

Project: CENTRAL BUCKS (CB SOUTH)

Pace Project No.: 70179623

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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 (CB SOUTH)

Pace Project No.: 70179623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70179623001	D228A_062921	EPA 200.8	217457		
70179623002	D230A_062921	EPA 200.8	217457		
70179623003	D230B_062921	EPA 200.8	217457		
70179623004	D206S_062921	EPA 200.8	217457		
70179623005	D206F_062921	EPA 200.8	217457		
70179623006	D219A_062921	EPA 200.8	217457		
70179623007	D219B_062921	EPA 200.8	217457		
70179623008	D221A_062921	EPA 200.8	217457		
70179623009	D221B_062921	EPA 200.8	217457		
70179623010	D221C_062921	EPA 200.8	217457		
70179623011	D221D_062921	EPA 200.8	217457		
70179623012	D216_062921	EPA 200.8	217457		
70179623013	D213C_062921	EPA 200.8	217457		
70179623014	D213B_062921	EPA 200.8	217457		
70179623015	D211C_062921	EPA 200.8	217457		
70179623016	D211B_062921	EPA 200.8	217457		
70179623017	D208_062921	EPA 200.8	217457		
70179623018	D209_062921	EPA 200.8	217457		
70179623019	D207F_062921	EPA 200.8	217457		
70179623020	D211F_062921	EPA 200.8	217457		
70179623021	D203F_062921	EPA 200.8	217458		
70179623022	D227F_062921	EPA 200.8	217458		
70179623023	D201A_062921	EPA 200.8	217458		
70179623024	D201B_062921	EPA 200.8	217458		
70179623025	D201C_062921	EPA 200.8	217458		
70179623026	D201D_062921	EPA 200.8	217458		
70179623027	D231D_062921	EPA 200.8	217458		
70179623028	D231E_062921	EPA 200.8	217458		
70179623029	D231F_062921	EPA 200.8	217458		
70179623030	D231A_062921	EPA 200.8	217458		
70179623031	D231B_062921	EPA 200.8	217458		
70179623032	D231C_062921	EPA 200.8	217458		
70179623033	C223_062921	EPA 200.8	217458		
70179623034	C224A_062921	EPA 200.8	217458		
70179623035	C224B_062921	EPA 200.8	217458		
70179623036	C235_062921	EPA 200.8	217458		
70179623037	A223B_062921	EPA 200.8	217458		
70179623038	A215_062921	EPA 200.8	217458		
70179623039	A220F_062921	EPA 200.8	217458		
70179623040	A203_062921	EPA 200.8	217458		
70179623041	A206_062921	EPA 200.8	217459		
70179623042	A207_062921	EPA 200.8	217459		
70179623043	C219C_062921	EPA 200.8	217459		
70179623044	C214A_062921	EPA 200.8	217459		
70179623045	C214B_062921	EPA 200.8	217459		
70179623046	C208_062921	EPA 200.8	217459		
70179623047	B233AF_062921	EPA 200.8	217459		
70179623048	B233BF_062921	EPA 200.8	217459		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CENTRAL BUCKS (CB SOUTH)  
Pace Project No.: 70179623

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70179623049	B202_062921	EPA 200.8	217459		
70179623050	B204_062921	EPA 200.8	217459		
70179623051	B205A_062921	EPA 200.8	217459		
70179623052	B205B_062921	EPA 200.8	217459		
70179623053	B205C_062921	EPA 200.8	217459		
70179623054	B205D_062921	EPA 200.8	217459		
70179623055	B205E_062921	EPA 200.8	217459		
70179623056	B205F_062921	EPA 200.8	217459		
70179623057	B215_062921	EPA 200.8	217459		
70179623058	B214F_062921	EPA 200.8	217459		
70179623059	B216_062921	EPA 200.8	217459		
70179623060	B233D_062921	EPA 200.8	217459		
70179623061	B227_062921	EPA 200.8	217460		
70179623062	B232A_062921	EPA 200.8	217460		
70179623063	B232B_062921	EPA 200.8	217460		
70179623064	C124A_062921	EPA 200.8	217460		
70179623065	C124B_062921	EPA 200.8	217460		
70179623066	C135_062921	EPA 200.8	217460		
70179623067	C119C_062921	EPA 200.8	217460		
70179623068	C114A_062921	EPA 200.8	217460		
70179623069	C114B_062921	EPA 200.8	217460		
70179623070	C108PC_062921	EPA 200.8	217460		
70179623071	C324A_062921	EPA 200.8	217460		
70179623072	C324B_062921	EPA 200.8	217460		
70179623073	C335_062921	EPA 200.8	217460		
70179623074	C319_062921	EPA 200.8	217460		
70179623075	C314A_062921	EPA 200.8	217460		
70179623076	C314B_062921	EPA 200.8	217460		
70179623077	C308_062921	EPA 200.8	217460		

### REPORT OF LABORATORY ANALYSIS

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# 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:	blaming@langan.com
Phone:	215-491-6500
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 (CB South)
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

#### Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX	CODE	COLLECTED	START	END	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)					
									DATE	TIME	DATE	TIME	Unpreserved	H2SO4	HNO3	HCl					NaOH	Na2S2O3	Methanol	Other	
13	D213C_062921	DW	G	6/29/2021	937	6/29/2021	937	1			X							X							
14	D213B_062921	DW	G	6/29/2021	937	6/29/2021	937	1			X							X							
15	D211C_062921	DW	G	6/29/2021	933	6/29/2021	933	1			X							X							
16	D211B_062921	DW	G	6/29/2021	933	6/29/2021	933	1			X							X							
17	D208_062921	DW	G	6/29/2021	929	6/29/2021	929	1			X							X							
18	D209_062921	DW	G	6/29/2021	930	6/29/2021	930	1			X							X							
19	D207F_062921	DW	G	6/29/2021	927	6/29/2021	927	1			X							X							
20	D211F_062921	DW	G	6/29/2021	926	6/29/2021	926	1			X							X							
21	D203F_062921	DW	G	6/29/2021	942	6/29/2021	942	1			X							X							
22	D227F_062921	DW	G	6/29/2021	948	6/29/2021	948	1			X							X							
23	D201A_062921	DW	G	6/29/2021	945	6/29/2021	945	1			X							X							
24	D201B_062921	DW	G	6/29/2021	944	6/29/2021	944	1			X							X							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Bill Lambing</i>	7/2/2021	1200	<i>Pace Lab</i>	7/2/2021	1200	
	<i>Bill Lambing</i>	7/6/21	16:30	<i>Bill Lambing</i>	7/6/21	1620	
	<i>Bill Lambing</i>	7/6/21	1920	<i>Pace Lab</i>	7/6/21	1920	

#### SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

Bill Lambing

DATE Signed:

7/2/2021

TEMP in C

Received on Ice (Y/N)

Custody Sealed (Y/N)

Cooler (Y/N)

Samples Intact (Y/N)



# 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 (CB South)  
 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 Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissua	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	Preservatives									Analyses Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)										
						START		END			# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other																						
						DATE	TIME	DATE	TIME												200 7 Metals (PB)																				
25	D201C_062921	DW	G	6/29/2021	946	6/29/2021	946	1		X										X																					
26	D201D_062921	DW	G	6/29/2021	945	6/29/2021	945	1		X										X																					
27	D231D_062921	DW	G	6/29/2021	949	6/29/2021	949	1		X										X																					
28	D231E_062921	DW	G	6/29/2021	950	6/29/2021	950	1		X										X																					
29	D231F_062921	DW	G	6/29/2021	950	6/29/2021	950	1		X										X																					
30	D231A_062921	DW	G	6/29/2021	952	6/29/2021	952	1		X										X																					
31	D231B_062921	DW	G	6/29/2021	952	6/29/2021	952	1		X										X																					
32	D231C_062921	DW	G	6/29/2021	952	6/29/2021	952	1		X										X																					
33	C223_062921	DW	G	6/29/2021	954	6/29/2021	954	1		X										X																					
34	C224A_062921	DW	G	6/29/2021	955	6/29/2021	955	1		X										X																					
35	C224B_062921	DW	G	6/29/2021	955	6/29/2021	955	1		X										X																					
36	C235_062921	DW	G	6/29/2021	956	6/29/2021	956	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	1920	<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:	Bill Lambing				
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.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>Regulatory Agency</b>	
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: <a href="mailto:blambing@langan.com">blambing@langan.com</a>		Project Name: Central Bucks School District (CB South)		Pace Quote: See Langan-Pace MSA			
Phone: 215-491-6500 Fax 2015-491-6501		Project #: 200130403		Pace Project Manager: sophia.sparkes@pacelabs.com,		<b>State / Location</b>	
Requested Due Date: Standard Turn Around (5 day)				Pace Profile #: 7983		PA	

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , . -) Sample Ids must be unique	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test Y/N	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														
37	A223B_062921	DW	G	DW	G	6/29/2021	1003	6/29/2021	1003	1		X								X			
38	A215_062921	DW	G	DW	G	6/29/2021	1002	6/29/2021	1002	1		X								X			
39	A220F_062921	DW	G	DW	G	6/29/2021	1001	6/29/2021	1001	1		X								X			
40	A203_062921	DW	G	DW	G	6/29/2021	1011	6/29/2021	1011	1		X								X			
41	A206_062921	DW	G	DW	G	6/29/2021	1011	6/29/2021	1011	1		X								X			
42	A207_062921	DW	G	DW	G	6/29/2021	1010	6/29/2021	1010	1		X								X			
43	C219C_062921	DW	G	DW	G	6/29/2021	1014	6/29/2021	1014	1		X								X			
44	C214A_062921	DW	G	DW	G	6/29/2021	1016	6/29/2021	1016	1		X								X			
45	C214B_062921	DW	G	DW	G	6/29/2021	1016	6/29/2021	1016	1		X								X			
46	C208_062921	DW	G	DW	G	6/29/2021	1017	6/29/2021	1017	1		X								X			
47	B233AF_062921	DW	G	DW	G	6/29/2021	1021	6/29/2021	1021	1		X								X			
48	B233BF_062921	DW	G	DW	G	6/29/2021	1021	6/29/2021	1021	1		X								X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Bill Lambing</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 (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:						
SIGNATURE of SAMPLER: <i>Bill Lambing</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#: 70179623**

PM: STS      Due Date: 07/21/21  
 CLIENT: LAN-PA

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> 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 (CB South)		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 Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other				200.7 Metals (PB)
						DATE	TIME	DATE	TIME														
49	B202_062921	DW	G	6/29/2021	1023	6/29/2021	1023		1			X						X					
50	B204_062921	DW	G	6/29/2021	1025	6/29/2021	1025		1			X						X					
51	B205A_062921	DW	G	6/29/2021	1028	6/29/2021	1028		1			X						X					
52	B205B_062921	DW	G	6/29/2021	1028	6/29/2021	1028		1			X						X					
53	B205C_062921	DW	G	6/29/2021	1029	6/29/2021	1029		1			X						X					
54	B205D_062921	DW	G	6/29/2021	1029	6/29/2021	1029		1			X						X					
55	B205E_062921	DW	G	6/29/2021	1029	6/29/2021	1029		1			X						X					
56	B205F_062921	DW	G	6/29/2021	1029	6/29/2021	1029		1			X						X					
57	B215_062921	DW	G	6/29/2021	1034	6/29/2021	1034		1			X						X					
58	B214F_062921	DW	G	6/29/2021	1032	6/29/2021	1032		1			X						X					
59	B216_062921	DW	G	6/29/2021	1034	6/29/2021	1034		1			X						X					
60	B223D_062921	DW	G	6/29/2021	1037	6/29/2021	1037		1			X						X					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Bill Lambing</i>	7/2/2021	1200	<i>Janice Lambing</i>	7/2/2021	1200	
	<i>Paul Lambing</i>	7/6/21	1620	<i>Janice Lambing</i>	7/6/21	1620	
	<i>Janice Lambing</i>	7/6/21	1920	<i>Sophia Sparkes</i>	7/6/21	1920	

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Bill Lambing					
SIGNATURE of SAMPLER:	<i>Bill Lambing</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:		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 (CB South)		Pace Quote: See Langan-Pace MSA	
Phone: 215-491-6500	Fax: 2015-491-6501	Requested Due Date: Standard Turn Around (5 day)		Project #:	
		Project #: 200130403		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	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	Requested Analysis Filtered (Y/N)											Residual Chlorine (Y/N)																		
						START		END			# OF CONTAINERS	Preservatives											Analyses Test																	
						DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Y/N	2007 Metals (PB)																			
61	B227_062921	DW	G	DW	G	6/29/2021	1040	6/29/2021	1040	1				X							X																			
62	B232A_062921	DW	G	DW	G	6/29/2021	1041	6/29/2021	1041	1				X							X																			
63	B232B_062921	DW	G	DW	G	6/29/2021	1041	6/29/2021	1041	1				X							X																			
64	C124A_062921	DW	G	DW	G	6/29/2021	1048	6/29/2021	1048	1				X							X																			
65	C124B_062921	DW	G	DW	G	6/29/2021	1048	6/29/2021	1048	1				X							X																			
66	C135_062921	DW	G	DW	G	6/29/2021	1049	6/29/2021	1049	1				X							X																			
67	C119C_062921	DW	G	DW	G	6/29/2021	1051	6/29/2021	1051	1				X							X																			
68	C114A_062921	DW	G	DW	G	6/29/2021	1053	6/29/2021	1053	1				X							X																			
69	C114B_062921	DW	G	DW	G	6/29/2021	1053	6/29/2021	1053	1				X							X																			
70	C108PC_062921	DW	G	DW	G	6/29/2021	1053	6/29/2021	1053	1				X							X																			
71	C324A_062921	DW	G	DW	G	6/29/2021	1058	6/29/2021	1058	1				X							X																			
72	C324B_062921	DW	G	DW	G	6/29/2021	1058	6/29/2021	1058	1				X							X																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Bill Lambing</i>	7/2/2021	1200	<i>Bill Lambing</i>	7/2/2021	1200	
	<i>Joe ...</i>	7/6/21	16:00	<i>Bill Lambing</i>	7/6/21	1620	
	<i>Joe ...</i>	7/6/21	1920	<i>Bill Lambing</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>Bill Lambing</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.

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

ITEM #	SAMPLE ID <small>One Character per box. (A-Z, 0-9 / , -) Sample ids must be unique</small>	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)				
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other					200.7 Metals (PB)			
						DATE	TIME	DATE	TIME																		
73	C335_062921	DW	G	6/29/2021	1059	6/29/2021	1059	1		X								X									
74	C319_062921	DW	G	6/29/2021	1103	6/29/2021	1103	1		X								X									
75	C314A_062921	DW	G	6/29/2021	1104	6/29/2021	1104	1		X								X									
76	C314B_062921	DW	G	6/29/2021	1104	6/29/2021	1104	1		X								X									
77	C308_062921	DW	G	6/29/2021	1105	6/29/2021	1105	1		X								X									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Bill Lambing</i>	7/2/2021	1200	<i>Paul...</i>	7/2/2021	1200	
	<i>Paul...</i>	7/6/21	1630	<i>Bill Lambing</i>	7/6/21	1620	
	<i>Paul...</i>	7/6/21	1920	<i>Bill Lambing</i>	7/6/21	1970	

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



# Sample Condition Upon Receipt

Client Name: Lagan Engineering

Project

**WO#: 70179623**

Due Date: 07/21/21

PM: STS

CLIENT: LAN-PA

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  No

Packing Material:  Bubble Wrap  Bubble Bags  Ziploc  None  Other

Thermometer Used: TH091 Correction Factor: +0.0

Cooler Temperature(°C): 24.5 Cooler Temperature Corrected(°C): 24.5

Temp should be above freezing to 6.0°C

USDA Regulated Soil (  N/A, water sample)

Date and Initials of person examining contents: MN 7/7/21

Did 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 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</u> <input checked="" type="checkbox"/> <u>W</u> <input type="checkbox"/> <u>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 <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <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? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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: \_\_\_\_\_

Pulled analysis from profile