



September 1, 2026

American Paradigm Schools
8101 Castor Avenue
Philadelphia, PA
Attn: Ms. Deborah Smith

Re: Lead in Drinking Water Sampling
First Philadelphia Preparatory Charter School
4300 Tacony Street
Philadelphia, PA 19124
Project No. 115560

Dear Ms. Smith:

The Vertex Companies, LLC (VERTEX) is pleased to provide this Letter Report summarizing the lead in drinking water sampling performed within the First Philadelphia Preparatory Charter School located at 4300 Tacony in Philadelphia, Pennsylvania (the site).

VERTEX's services were performed on August 19, 2026 during the early morning hours prior to normal occupancy; thus, no water use for greater than six hours. Twenty-one (21) sample locations were chosen from various water outlets including: fountains in the cafeteria and hallways and sinks in the kitchens and offices. Sample collection methodology incorporated a 1st draw sample from each location.

Sampling bottle ware was provided by the laboratory. The samples were submitted under chain-of-custody to an NELAP certified laboratory (Pace Analytical Services of Mansfield, Massachusetts) and analyzed by inductively coupled plasma – mass spectrometry for lead in drinking water via USEPA Method 200.8.

Sample results were compared to the USEPA National Primary Drinking Water Regulations. The maximum contaminant level goal for lead is zero; which allow for a margin of safety and are non-enforceable public health goals. The maximum contaminant level for lead where treatment techniques would be required is 15 micrograms per liter (ug/L), the Action Level. In addition, results were compared to The School District of Philadelphia's Safe Water Testing Program which has set a Safety Limit of 10 ug/L for lead in drinking water.

Results for the lead in drinking water samples collected identified the following:

- Each of the twenty-one (21) samples were below the USEPA Action Level for lead (15 ug/L).
- Each of the twenty-one (21) samples were within the School District of Philadelphia's Safe Water Testing Program Safety Limit for lead (10 ug/L).
- Fourteen (14) of the twenty-one (21) samples were below the analytical detection limit.

Conclusion: Based on the project findings, no samples exceeded the USEPA Action Level or The School District of Philadelphia's Safe Water Testing Program safety limit for lead in drinking water.

Limitations:

Professional opinions presented in this report are based on information made available to VERTEX either by review of data provided by others or data obtained by VERTEX personnel.

VERTEX affirms that data gathered and presented by VERTEX in this report was collected in an appropriate manner in accordance with generally accepted guidelines, methods and practices.

Changes in conditions which affect the site can occur over time. Should additional information become available which would affect the status of this report, we reserve the right to amend our opinions and professional judgments.

VERTEX appreciates the opportunity to assist you with respect to this project. Please do not hesitate to contact our office, should you have any questions. Thank you.

Sincerely,
The Vertex Companies, LLC



William Otten
Senior Consultant

Attachments: Laboratory Results

cc: Ms. Jessica Bowers



ATTACHMENT A

LABORATORY RESULTS



ANALYTICAL REPORT

Lab Number:	L2653815
Client:	The Vertex Companies, Inc. 2501 Seaport Drive Ste. BH 110 Chester, PA 19013
ATTN:	William Otten
Phone:	(610) 558-8902
Project Name:	FIRST PHILADELPHIA PREP. CHART
Project Number:	Not Specified
Report Date:	08/28/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2653815-01	1	DW	BLDG B- LOWER LEVEL HALL FOUNTAIN BY 009/011	08/19/26 05:49	08/19/26
L2653815-02	2	DW	BLDG B- LOWER LEVEL MIDDLE SCHOOL CAFE. FOUNTAIN	08/19/26 05:51	08/19/26
L2653815-03	3	DW	BLDG B-LOWER LEVEL HIGH SCHOOL CAFE. FOUNTAIN	08/19/26 05:53	08/19/26
L2653815-04	4	DW	BLDG B- LOWER LEVEL HALL FOUNTAIN BY 016/018	08/19/26 05:55	08/19/26
L2653815-05	5	DW	BLDG B- 1ST FLOOR HALL FOUNTAIN BY 140/144	08/19/26 05:58	08/19/26
L2653815-06	6	DW	BLDG B- 1ST FLOOR STAFF SINKBY OFFICE 116	08/19/26 06:01	08/19/26
L2653815-07	7	DW	BLDG B- 1ST FLOOR STAFF SINK NY OFFICE 117	08/19/26 06:02	08/19/26
L2653815-08	8	DW	BLDG B- 1ST FLOOR HALL FOUNTAIN BY 139/143	08/19/26 06:04	08/19/26
L2653815-09	9	DW	BLDG B- 2ND FLOOR HALL FOUNTAIN BY 239/243	08/19/26 06:06	08/19/26
L2653815-10	10	DW	BLDG B- 2ND FLOOR HALL FOUNTAIN BY 236/240	08/19/26 06:08	08/19/26
L2653815-11	11	DW	BLDG B- LOWER LEVEL KITCHEN FOOD/PREP SINK	08/19/26 06:10	08/19/26
L2653815-12	12	DW	BLDG A- HALL FOUNTAIN BY RESTROOMS NEAR THEATRE	08/19/26 06:15	08/19/26
L2653815-13	13	DW	BLDG A- HALL FOUNTAIN BY GYM	08/19/26 06:16	08/19/26
L2653815-14	14	DW	BLDG A- KITCHEN FOOD PREP SINK	08/19/26 06:18	08/19/26
L2653815-15	15	DW	BLDG A- 142 SINK (TEACHERS RM)	08/19/26 06:19	08/19/26
L2653815-16	16	DW	BLDG A- HALL FOUNTAIN ACROSS FROM 147	08/19/26 06:21	08/19/26
L2653815-17	17	DW	BLDG A- SINK IN BUSINESS OFFICE	08/19/26 06:23	08/19/26
L2653815-18	18	DW	BLDG A- 2ND FLOOR HALL FOUNTAIN BY 405	08/19/26 06:26	08/19/26
L2653815-19	19	DW	BLDG A- 2ND FLOOR TEACHERS ROOM SINK	08/19/26 06:28	08/19/26
L2653815-20	20	DW	BLDG A-3RD FLOOR HALL FOUNTAIN BY IT ROOM	08/19/26 06:30	08/19/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2653815-21	21	DW	BLDG B-3RD FLOOR HALL FOUNTAIN BY 339/343	08/19/26 06:35	08/19/26

Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2653815-12: The sample was not received at the appropriate pH for requested parameter(s); therefore, the laboratory added additional preservative. Please refer to the Sample Receipt and Container Information section of the report for specific details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 08/28/26

QC OUTLIER SUMMARY REPORT

Project Name: FIRST PHILADELPHIA PREP. CHART

Lab Number: L2653815

Project Number: Not Specified

Report Date: 08/28/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
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There are no QC Outliers associated with this report.

METALS

Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-01

Date Collected: 08/19/26 05:49

Client ID: 1

Date Received: 08/19/26

Sample Location: BLDG B- LOWER LEVEL HALL FOUNTAIN BY
009/011

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.5744	J	ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 18:55	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-02

Date Collected: 08/19/26 05:51

Client ID: 2

Date Received: 08/19/26

Sample Location: BLDG B- LOWER LEVEL MIDDLE SCHOOL
CAFE. FOUNTAIN

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:05	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-03

Date Collected: 08/19/26 05:53

Client ID: 3

Date Received: 08/19/26

Sample Location: BLDG B-LOWER LEVEL HIGH SCHOOL CAFE.
FOUNTAIN

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:15	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-04

Date Collected: 08/19/26 05:55

Client ID: 4

Date Received: 08/19/26

Sample Location: BLDG B- LOWER LEVEL HALL FOUNTAIN BY
016/018

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.7202	J	ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:43	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-05

Date Collected: 08/19/26 05:58

Client ID: 5

Date Received: 08/19/26

Sample Location: BLDG B- 1ST FLOOR HALL FOUNTAIN BY
140/144

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:46	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-06

Date Collected: 08/19/26 06:01

Client ID: 6

Date Received: 08/19/26

Sample Location: BLDG B- 1ST FLOOR STAFF SINKBY OFFICE
116

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:49	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-07

Date Collected: 08/19/26 06:02

Client ID: 7

Date Received: 08/19/26

Sample Location: BLDG B- 1ST FLOOR STAFF SINK NY OFFICE
117

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:53	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-08

Date Collected: 08/19/26 06:04

Client ID: 8

Date Received: 08/19/26

Sample Location: BLDG B- 1ST FLOOR HALL FOUNTAIN BY
139/143

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.4646	J	ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:56	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-09

Date Collected: 08/19/26 06:06

Client ID: 9

Date Received: 08/19/26

Sample Location: BLDG B- 2ND FLOOR HALL FOUNTAIN BY
239/243

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 19:59	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-10

Date Collected: 08/19/26 06:08

Client ID: 10

Date Received: 08/19/26

Sample Location: BLDG B- 2ND FLOOR HALL FOUNTAIN BY
236/240

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:02	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-11

Date Collected: 08/19/26 06:10

Client ID: 11

Date Received: 08/19/26

Sample Location: BLDG B- LOWER LEVEL KITCHEN FOOD/PREP
SINK

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.4675	J	ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:06	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-12

Date Collected: 08/19/26 06:15

Client ID: 12

Date Received: 08/19/26

Sample Location: BLDG A- HALL FOUNTAIN BY RESTROOMS
NEAR THEATRE

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:09	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-13

Date Collected: 08/19/26 06:16

Client ID: 13

Date Received: 08/19/26

Sample Location: BLDG A- HALL FOUNTAIN BY GYM

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:28	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-14

Date Collected: 08/19/26 06:18

Client ID: 14

Date Received: 08/19/26

Sample Location: BLDG A- KITCHEN FOOD PREP SINK

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.9012	J	ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:31	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-15

Date Collected: 08/19/26 06:19

Client ID: 15

Date Received: 08/19/26

Sample Location: BLDG A- 142 SINK (TEACHERS RM)

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:34	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-16

Date Collected: 08/19/26 06:21

Client ID: 16

Date Received: 08/19/26

Sample Location: BLDG A- HALL FOUNTAIN ACROSS FROM 147

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:38	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-17

Date Collected: 08/19/26 06:23

Client ID: 17

Date Received: 08/19/26

Sample Location: BLDG A- SINK IN BUSINESS OFFICE

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:41	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-18

Date Collected: 08/19/26 06:26

Client ID: 18

Date Received: 08/19/26

Sample Location: BLDG A- 2ND FLOOR HALL FOUNTAIN BY 405

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:44	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-19

Date Collected: 08/19/26 06:28

Client ID: 19

Date Received: 08/19/26

Sample Location: BLDG A- 2ND FLOOR TEACHERS ROOM SINK

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.5173	J	ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:47	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-20

Date Collected: 08/19/26 06:30

Client ID: 20

Date Received: 08/19/26

Sample Location: BLDG A-3RD FLOOR HALL FOUNTAIN BY IT ROOM

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 20:51	EPA 3005A	3,200.8	TAA



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**SAMPLE RESULTS**

Lab ID: L2653815-21

Date Collected: 08/19/26 06:35

Client ID: 21

Date Received: 08/19/26

Sample Location: BLDG B-3RD FLOOR HALL FOUNTAIN BY
339/343

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.4196	J	ug/l	1.000	0.3430	1	08/25/26 15:32	08/26/26 12:31	EPA 3005A	3,200.8	DHL



Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG2260080-1									
Lead, Total	ND	ug/l	1.000	0.3430	1	08/25/26 10:44	08/25/26 18:22	3,200.8	TAA

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21 Batch: WG2260227-1									
Lead, Total	ND	ug/l	1.000	0.3430	1	08/25/26 15:32	08/26/26 12:27	3,200.8	DHL

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis **Batch Quality Control**

Project Name: FIRST PHILADELPHIA PREP. CHART

Lab Number: L2653815

Project Number: Not Specified

Report Date: 08/28/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG2260080-2								
Lead, Total	102		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 21 Batch: WG2260227-2								
Lead, Total	107		-		85-115	-		

Matrix Spike Analysis Batch Quality Control

Project Name: FIRST PHILADELPHIA PREP. CHART

Lab Number: L2653815

Project Number: Not Specified

Report Date: 08/28/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20			QC Batch ID: WG2260080-3			QC Sample: L2653815-01			Client ID: 1			
Lead, Total	0.5744J	530	531.4	100		-	-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-20			QC Batch ID: WG2260080-5			QC Sample: L2653815-02			Client ID: 2			
Lead, Total	ND	530	547.4	103		-	-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 21			QC Batch ID: WG2260227-3			QC Sample: L2653815-21			Client ID: 21			
Lead, Total	0.4196J	530	524.5	99		-	-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG2260080-4 QC Sample: L2653815-01 Client ID: 1						
Lead, Total	0.5744J	0.6173J	ug/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG2260080-6 QC Sample: L2653815-02 Client ID: 2						
Lead, Total	ND	ND	ug/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG2260227-4 QC Sample: L2653815-21 Client ID: 21						
Lead, Total	0.4196J	0.4212J	ug/l	NC		20

Project Name: FIRST PHILADELPHIA PREP. CHART**Lab Number:** L2653815**Project Number:** Not Specified**Report Date:** 08/28/26**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

B Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2653815-01A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-02A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-03A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-04A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-05A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-06A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-07A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-08A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-09A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-10A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-11A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-12A	Plastic 950ml HNO3 preserved	NA	7	<2		N	Absent		PB-2008T-PPB(180)
L2653815-13A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-14A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-15A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-16A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-17A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-18A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-19A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-20A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)
L2653815-21A	Plastic 950ml HNO3 preserved	NA	<2	<2		Y	Absent		PB-2008T-PPB(180)

Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Container Comments

L2653815-12A DJL 8/20/26 13:40 HNO3

*Values in parentheses indicate holding time in days



Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers



Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

Data Qualifiers

estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: FIRST PHILADELPHIA PREP. CHART
Project Number: Not Specified

Lab Number: L2653815
Report Date: 08/28/26

REFERENCES

- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; **SCM:** Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; **SCM:** Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NO₂, NO₃.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.

EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.

EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.

EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran, 1,3,5-Trichlorobenzene, Freon-113.

EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.

EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.

EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.

SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH₃, NECi: NO₂, NO₃, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

EPA 504.1: EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522, EPA 537.1.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO₃, NO₂, FI, CI, SO₄. **NECI Reductase:** NO₃, NO₂.

SM4500F-C, SM4500CI-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9223-P/A: TC/EC; **SM9223B-Colilert-enumeration:** TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, SM4500NH3-B, C, EPA 350.1, NECi: NO₃, **SM4500NH3-B, C:** TKN, **SM4500P-E:** Ortho Phosphate, **SM4500P-B, E:** Total Phosphorus, **EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028

CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 3

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: *First Philadelphia*
Project Location: *Preparatory Charter School*

Project #:

Project Manager: *William Otten*

Pace Quote #:

Turn-Around Time

☐ Standard☐ RUSH (only confirmed if pre-approved)Date Due: *1 Week* Time:*TAT*Date Rec'd in Lab: *8/20/26*Pace Job #: *L2653815*

Report Information - Data Deliverables

☐ FAX☒ EMAIL☐ ADEx☐ Add'l Deliverables

Billing Information

☐ Same as Client info

PO #:

Client Information

Client: *The Vertex Companies, LLC*Address: *2501 Seaport Drive*
Suite BH10 Chester, PA 19013

Phone:

Fax:

Email: *labresults@vertexeng.com*☐ These samples have been previously analyzed by Pace

Other Project Specific Requirements/Comments/Detection Limits:

Regulatory Requirements/Report Limits

State /Fed Program

Criteria

SAMPLE HANDLING

Filtration _____
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Sample Specific Comments

Pace Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials		Sample Location	Sample Specific Comments	TOTAL # BOTTLES
		Date	Time						
<i>53815 -01</i>	<i>1</i>	<i>8/19/26</i>	<i>0549</i>	<i>DW</i>	<i>WO</i>	☒	<i>Bldg B - Lower Level</i>	<i>Hall Fountain by 009/011</i>	<i>1</i>
<i>-02</i>	<i>2</i>		<i>0551</i>			☒	<i>-</i>	<i>Middle School Cafeteria Fountain</i>	<i>1</i>
<i>-03</i>	<i>3</i>		<i>0553</i>			☒	<i>-</i>	<i>High School Cafeteria Fountain</i>	<i>1</i>
<i>-04</i>	<i>4</i>		<i>0555</i>			☒	<i>-</i>	<i>Hall Fountain by 016/018</i>	<i>1</i>
<i>-05</i>	<i>5</i>		<i>0558</i>			☒	<i>1st Floor</i>	<i>Hall Fountain by 140/144</i>	<i>1</i>
<i>-06</i>	<i>6</i>		<i>0601</i>			☒	<i>-</i>	<i>Staff Sink by Office 116</i>	<i>1</i>
<i>-07</i>	<i>7</i>		<i>0602</i>			☒	<i>-</i>	<i>Staff Sink by Office 117</i>	<i>1</i>
<i>-08</i>	<i>8</i>		<i>0604</i>			☒	<i>-</i>	<i>Hall Fountain by 139/143</i>	<i>1</i>
<i>-09</i>	<i>9</i>		<i>0606</i>			☒	<i>2nd Floor</i>	<i>Hall Fountain by 239/243</i>	<i>1</i>
<i>-10</i>	<i>10</i>		<i>0608</i>			☒	<i>-</i>	<i>Hall Fountain by 236/240</i>	<i>1</i>

Container Type *P*Preservative *C*

Relinquished By:

Date/Time

Received By:

Date/Time

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.



CHAIN OF CUSTODY

PAGE 2 OF 3

WESTBORO, MA
TEL: 508-888-9220
FAX: 508-888-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: *The Vertex Companies, LLC*Address: *2501 Seaport Drive
Suite BH110 Chester PA 19013*

Phone:

Fax:

Email: *labrcsafts@vertexeng.com*☐ These samples have been previously analyzed by Pace

Project Information

Project Name: *First Philadelphia*Project Location: *Preparatory Charter School*

Project #:

Project Manager: *William Otten*

Pace Quote #:

Turn-Around Time

☐ Standard☐ RUSH (only confirmed if pre-approved)Date Due: *1 Week* Time:*TAI*

Other Project Specific Requirements/Comments/Detection Limits:

Date Rec'd in Lab: *8/20/16*Pace Job #: *L26538VS*

Report Information - Data Deliverables

☐ FAX☒ EMAIL☐ ADEx☐ Add'l Deliverables

Billing Information

☐ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State /Fed Program

Criteria

SAMPLE HANDLING

Filtration _____

☐ Done

☐ Not needed

☐ Lab to do

Preservation _____

☐ Lab to do

(Please specify below)

TOTAL # BOTTLES

Pace Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials		Sample Location	Sample Specific Comments
		Date	Time					
53815-11	11	8/19/16	0610	DW	WO	✓	Bldg B - Lower Level, Kitchen Food Prep Sink	1
-12	12		0615			✓	Bldg A - Hall Fountain by restrooms near theatre	1
-13	13		0616			✓	- Hall Fountain by Gym	1
-14	14		0618			✓	- Kitchen Food Prep Sink	1
-15	15		0619			✓	- 142 Sink (Teacher's Rm)	1
-16	16		0621			✓	- Hall Fountain Across From 147	1
-17	17		0623			✓	- Sink in Business Office	1
-18	18		0626			✓	- 2nd Floor, Hall Fountain by 405	1
-19	19		0628			✓	- Teacher's Room Sink	1
-20	20		0630			✓	- 3rd Floor, Hall Fountain by IT Room	1

*By [Signature] 8/20/16 0703*Container Type *P*Preservative *C*

Relinquished By:

Date/Time

Received By:

Date/Time

*Paul Maggella**8/19/16 0750**Paul Maggella**8/19/16 0750**8/20/16 0005**08/20/16 0015*

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.



Sample Delivery Group Summary

Pace Job Number : L2653815

Received : 19-AUG-2026

Account Name : The Vertex Companies, Inc.

Reviewer : Dylan LeBlanc

Project Number :

Project Name : FIRST PHILADELPHIA

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.5	
B	Absent/	Ice	2.6	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between COC & sample labels?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NA
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Comments

L2653815-12A DJL 8/20/26 13:40 HNO3



The Vertex Companies, LLC

For All Inquiries call (888) 298-5162

vertexeng.com