April 21, 2025

American Paradigm Schools
8101 Castor Avenue
Philadelphia, PA
Attn: Mr. Steven Bilski

Re: Lead in Drinking Water Sampling
Memphis Street Academy
2950 Memphis Street
Philadelphia, PA 19134
Project No. 103684

Dear Mr. Bilski:

The Vertex Companies, LLC (VERTEX) is pleased to provide this Letter Report summarizing the lead in drinking water sampling performed within the Memphis Street Academy located at 2950 Memphis Street in Philadelphia, Pennsylvania (the site).

VERTEX's services were performed on March 18, 2025 during the early morning hours prior to normal occupancy; thus, no water use for greater than six hours. Nineteen (19) sample locations were chosen from various water outlets including: hallway and cafeteria fountains, and kitchen prep, nurse's, office and classroom sinks. 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:

- Sixteen (16) of the nineteen (19) samples were below the USEPA Action Level for lead (15 ug/L).
- Sixteen (16) of the nineteen (19) samples were within the School District of Philadelphia's Safe Water Testing Program Safety Limit for lead (10 ug/L).
- Five (5) of the nineteen (19) samples were below the analytical detection limit.
- The water outlets that exceeded the Action Level/Safety Limit were acquired from the Room 126 Counselor's Sink (Sample 4) yielding a result of 30.05 ug/L, Room 100 Art Room Sink (Sample 5) yielding a result of 605.6 ug/L, and Room 334 Sink (Sample 17) yielding a result of 296.5 ug/L.
- Note: The water outlets that exceeded the Safety Limit are reportedly not utilized and have signage denoting not for drinking and/or have a filter in place.

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 except for three water outlets.

In accordance with the School District of Philadelphia's Safe Water Testing Program, the water outlets (Room 126 Counselor's Sink, Room 100 Art Room Sink, and Room 334 Sink) that exceeded the Safety Limit are required to be immediately shut down while an action plan is developed.

The action plan is to be implemented within 30 days and could include:

1. Removal of the outlet
2. Repair to the outlet
3. Application of a filter
4. Replacement of the outlet with a state-of the-art hydration station

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 Project Manager

Attachments: Laboratory Results

cc: Ms. Jessica Bowers

ATTACHMENT A

LABORATORY RESULTS

THE VERTEX COMPANIES, LLC
2501 SEAPORT DRIVE, SUITE BH 110
CHESTER, PA 19013

ANALYTICAL REPORT

Lab Number:	L2515500
Client:	The Vertex Companies, Inc. 2501 Seaport Drive Ste. BH 110 Chester, PA 19013
ATTN:	William Otten
Phone:	(610) 558-8902
Project Name:	MEMPHIS STREET ACADEMY
Project Number:	130684
Report Date:	03/25/25

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

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

Project Name: MEMPHIS STREET ACADEMY
Project Number: 130684

See chain of custody at the end of this document for specific locations

Lab Number: L2515500
Report Date: 03/25/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2515500-01	1	DW	Not Specified	03/18/25 06:01	03/18/25
L2515500-02	2	DW	Not Specified	03/18/25 06:04	03/18/25
L2515500-03	3	DW	Not Specified	03/18/25 06:06	03/18/25
L2515500-04	4	DW	Not Specified	03/18/25 06:09	03/18/25
L2515500-05	5	DW	Not Specified	03/18/25 06:14	03/18/25
L2515500-06	6	DW	Not Specified	03/18/25 06:17	03/18/25
L2515500-07	7	DW	Not Specified	03/18/25 06:20	03/18/25
L2515500-08	8	DW	Not Specified	03/18/25 06:25	03/18/25
L2515500-09	9	DW	Not Specified	03/18/25 06:27	03/18/25
L2515500-10	10	DW	Not Specified	03/18/25 06:28	03/18/25
L2515500-11	11	DW	Not Specified	03/18/25 06:30	03/18/25
L2515500-12	12	DW	Not Specified	03/18/25 06:32	03/18/25
L2515500-13	13	DW	Not Specified	03/18/25 06:34	03/18/25
L2515500-14	14	DW	Not Specified	03/18/25 06:38	03/18/25
L2515500-15	15	DW	Not Specified	03/18/25 06:43	03/18/25
L2515500-16	16	DW	Not Specified	03/18/25 06:44	03/18/25
L2515500-17	17	DW	Not Specified	03/18/25 06:46	03/18/25
L2515500-18	18	DW	Not Specified	03/18/25 06:48	03/18/25
L2515500-19	19	DW	Not Specified	03/18/25 06:52	03/18/25

Project Name:	MEMPHIS STREET ACADEMY	**Lab Number:**	L2515500
Project Number:	130684	**Report Date:**	03/25/25

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:	MEMPHIS STREET ACADEMY	**Lab Number:**	L2515500
Project Number:	130684	**Report Date:**	03/25/25

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

L2515500-04: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

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: 03/25/25

METALS

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-01 Date Collected: 03/18/25 06:01

Client ID: 1 Date Received: 03/18/25

Sample Location: Not Specified 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	0.4505	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 13:50	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY
Lab Number: L2515500
Project Number: 130684
Report Date: 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-02
Client ID: 2
Sample Location: Not Specified
Date Collected: 03/18/25 06:04
Date Received: 03/18/25
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	03/20/25 18:27	03/24/25 13:32	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-03 Date Collected: 03/18/25 06:06

Client ID: 3 Date Received: 03/18/25

Sample Location: Not Specified 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	0.7567	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 13:36	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-04 Date Collected: 03/18/25 06:09

Client ID: 4 Date Received: 03/18/25

Sample Location: Not Specified 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	30.05		ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 14:01	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-05 Date Collected: 03/18/25 06:14

Client ID: 5 Date Received: 03/18/25

Sample Location: Not Specified 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	605.6		ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 14:05	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-06 Date Collected: 03/18/25 06:17

Client ID: 6 Date Received: 03/18/25

Sample Location: Not Specified 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	03/20/25 18:27	03/24/25 14:09	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-07 Date Collected: 03/18/25 06:20

Client ID: 7 Date Received: 03/18/25

Sample Location: Not Specified 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	03/20/25 18:27	03/24/25 14:12	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY
Lab Number: L2515500
Project Number: 130684
Report Date: 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-08
Client ID: 8
Sample Location: Not Specified
Date Collected: 03/18/25 06:25
Date Received: 03/18/25
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	0.5577	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 14:16	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-09 Date Collected: 03/18/25 06:27

Client ID: 9 Date Received: 03/18/25

Sample Location: Not Specified 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	1.760		ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 14:20	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-10 Date Collected: 03/18/25 06:28

Client ID: 10 Date Received: 03/18/25

Sample Location: Not Specified 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	03/20/25 18:27	03/24/25 14:42	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY
Lab Number: L2515500
Project Number: 130684
Report Date: 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-11
Client ID: 11
Sample Location: Not Specified
Date Collected: 03/18/25 06:30
Date Received: 03/18/25
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	1.124		ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 14:45	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-12 Date Collected: 03/18/25 06:32

Client ID: 12 Date Received: 03/18/25

Sample Location: Not Specified 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	03/20/25 18:27	03/24/25 14:49	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-13 Date Collected: 03/18/25 06:34

Client ID: 13 Date Received: 03/18/25

Sample Location: Not Specified 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	0.8667	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 14:53	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-14 Date Collected: 03/18/25 06:38

Client ID: 14 Date Received: 03/18/25

Sample Location: Not Specified 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	0.5633	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 14:57	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-15 Date Collected: 03/18/25 06:43

Client ID: 15 Date Received: 03/18/25

Sample Location: Not Specified 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	0.7026	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 15:00	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-16 Date Collected: 03/18/25 06:44

Client ID: 16 Date Received: 03/18/25

Sample Location: Not Specified 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	6.738		ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 15:04	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-17 Date Collected: 03/18/25 06:46

Client ID: 17 Date Received: 03/18/25

Sample Location: Not Specified 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	296.5		ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 15:08	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-18 Date Collected: 03/18/25 06:48

Client ID: 18 Date Received: 03/18/25

Sample Location: Not Specified 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	0.6207	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 15:11	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

SAMPLE RESULTS

Lab ID: L2515500-19 Date Collected: 03/18/25 06:52

Client ID: 19 Date Received: 03/18/25

Sample Location: Not Specified 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	0.5692	J	ug/l	1.000	0.3430	1	03/20/25 18:27	03/24/25 15:15	EPA 3005A	3,200.8	BLR

Project Name: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

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): 01-19 Batch: WG2043149-1										
Lead, Total	ND		ug/l	1.000	0.3430	1	03/20/25 18:27	03/21/25 13:44	3,200.8	BLR

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: MEMPHIS STREET ACADEMY
Project Number: 130684

Lab Number: L2515500
Report Date: 03/25/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-19 Batch: WG2043149-2								
Lead, Total	100		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: MEMPHIS STREET ACADEMY
Project Number: 130684

Lab Number: L2515500
Report Date: 03/25/25

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): 01-19 QC Batch ID: WG2043149-3 QC Sample: L2514328-11 Client ID: MS Sample												
Lead, Total	26.76	530	577.5	104		-	-		70-130	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-19 QC Batch ID: WG2043149-5 QC Sample: L2515500-01 Client ID: 1												
Lead, Total	0.4505J	530	545.5	103		-	-		70-130	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: MEMPHIS STREET ACADEMY

Project Number: 130684

Lab Number: L2515500

Report Date: 03/25/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-19 QC Batch ID: WG2043149-4 QC Sample: L2514328-11 Client ID: DUP Sample						
Lead, Total	26.76	26.44	ug/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-19 QC Batch ID: WG2043149-6 QC Sample: L2515500-01 Client ID: 1						
Lead, Total	0.4505J	0.4747J	ug/l	NC		20

Project Name: MEMPHIS STREET ACADEMY
Project Number: 130684

Lab Number: L2515500
Report Date: 03/25/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2515500-01A	Plastic 950ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		PB-2008T-PPB(180)
L2515500-02A	Plastic 950ml HNO3 preserved	C	<2	<2	3.1	Y	Absent		PB-2008T-PPB(180)
L2515500-03A	Plastic 950ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		PB-2008T-PPB(180)
L2515500-04A	Plastic 950ml HNO3 preserved	B	7	<2	3.2	N	Absent		PB-2008T-PPB(180)
L2515500-05A	Plastic 950ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		PB-2008T-PPB(180)
L2515500-06A	Plastic 950ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		PB-2008T-PPB(180)
L2515500-07A	Plastic 950ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		PB-2008T-PPB(180)
L2515500-08A	Plastic 950ml HNO3 preserved	C	<2	<2	3.1	Y	Absent		PB-2008T-PPB(180)
L2515500-09A	Plastic 950ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		PB-2008T-PPB(180)
L2515500-10A	Plastic 950ml HNO3 preserved	C	<2	<2	3.1	Y	Absent		PB-2008T-PPB(180)
L2515500-11A	Plastic 950ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		PB-2008T-PPB(180)
L2515500-12A	Plastic 950ml HNO3 preserved	C	<2	<2	3.1	Y	Absent		PB-2008T-PPB(180)
L2515500-13A	Plastic 950ml HNO3 preserved	C	<2	<2	3.1	Y	Absent		PB-2008T-PPB(180)
L2515500-14A	Plastic 950ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		PB-2008T-PPB(180)
L2515500-15A	Plastic 950ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		PB-2008T-PPB(180)
L2515500-16A	Plastic 950ml HNO3 preserved	C	<2	<2	3.1	Y	Absent		PB-2008T-PPB(180)
L2515500-17A	Plastic 950ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		PB-2008T-PPB(180)
L2515500-18A	Plastic 950ml HNO3 preserved	C	<2	<2	3.1	Y	Absent		PB-2008T-PPB(180)
L2515500-19A	Plastic 950ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		PB-2008T-PPB(180)

*Values in parentheses indicate holding time in days

Project Name: MEMPHIS STREET ACADEMY
Project Number: 130684

Lab Number: L2515500
Report Date: 03/25/25

Container Information

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

Container Comments

L2515500-04A PRESERVED BY JDR 3/19/25 10:20 - 2ML HN03 ADDED. FINAL PH <2

*Values in parentheses indicate holding time in days

Project Name:	MEMPHIS STREET ACADEMY	**Lab Number:**	L2515500
Project Number:	130684	**Report Date:**	03/25/25

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:	MEMPHIS STREET ACADEMY	**Lab Number:**	L2515500
Project Number:	130684	**Report Date:**	03/25/25

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	MEMPHIS STREET ACADEMY	**Lab Number:**	L2515500
Project Number:	130684	**Report Date:**	03/25/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were 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: MEMPHIS STREET ACADEMY **Lab Number:** L2515500

Project Number: 130684 **Report Date:** 03/25/25

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.

Certification Information

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
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.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

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

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

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, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & 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/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab: 3/19/25

ALPHA Job #: L2515500

ALPHA ANALYTICAL
WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193
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: labresults@vertexeng.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Memphis Street
Project Location: Academy
Project #: 103684
Project Manager: William Otten
ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 1 Week TAT Time:

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

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: Lead - EPA 200.8

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time (AM)	Sample Matrix	Sampler's Initials	Lead - EPA 200.8	Sample Specific Comments	TOTAL # BOTTLES
15500-01	1	3/18/25	6:01	DW	WO	✓	Fountain, Gymnasium B	
-02	2	↓	6:04	↓	↓	✓	Kitchen Food Prep Sink	
-03	3	↓	6:06	↓	↓	✓	Hall Fountain by Rm 114, Cafeteria B	
-04	4	↓	6:09	↓	↓	✓	Sink, Rm 126, Counselor's	
-05	5	↓	6:14	↓	↓	✓	Sink, Rm 100, Art Rm	
-06	6	↓	6:17	↓	↓	✓	Hall Fountain by Rm 102	
-07	7	↓	6:20	↓	↓	✓	Hall Fountain by Rm 112	
-08	8	↓	6:25	↓	↓	✓	Hall Fountain by Rm 222	
-09	9	↓	6:27	↓	↓	✓	Sink, Rm 232, Nurse's	
-10	10	↓	6:28	↓	↓	✓	Water Logic Dispenser, Rm 232 Nurse's	

Container Type	P
Preservative	C

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	3/18/25 12:01 pm	Nicole Oei PACE	3/18/25 1201
Nicole Oei PACE	3/18/25 1410	AMF PACE 318	1410
AMF PACE 318	1833	Paul Mancelle	3/18/25 1745
Paul Mancelle	3/18/25 2210	[signature]	3/18/25 22:10

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 Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

Rel. [signature] 3/19/25 07:00
[signature] ARC 3/19/25 0700
[signature] ARC 3/19/25 0500
[signature] 03/19/25 05:00

Serial_No:03252511:28

CHAIN OF CUSTODY

PAGE 2 OF 2

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/19/25

ALPHA Job #: L2515500

Client Information

Client: The Vertex Companies, LLC

Address: 2501 Seaport Drive, Suite BH110 Chester, PA 19013

Phone:

Fax:

Email: labresults@vertexeng.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Memphis Street

Project Location: Academy

Project #: 103684

Project Manager: William Otten

ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 1 Week TAT Time:

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

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: Lead - EPA 200.8

SAMPLE HANDLING

Filtration ☐ Done ☐ Not needed ☐ Lab to do

Preservation ☐ Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time (AM)	Sample Matrix	Sampler's Initials	Lead - EPA 200.8	Sample Specific Comments
15500-11	11	3/18/25	630	DW	WO	✓	Hall Fountain by Rm 234
-12	12	↓	632	↓	↓	✓	Water Logic Dispenser, Rm 236
-13	13	↓	634	↓	↓	✓	Hall Fountain by Rm 206
-14	14	↓	638	↓	↓	✓	Hall Fountain by Rm 300
-15	15	↓	643	↓	↓	✓	Hall Fountain by Rm 332
-16	16	↓	644	↓	↓	✓	Sink, Rm 332
-17	17	↓	646	↓	↓	✓	Sink, Rm 334
-18	18	↓	648	↓	↓	✓	Hall Fountain, by Rm 320
-19	19	↓	652	↓	↓	✓	Hall Fountain, by Rm 310

Container Type	P
Preservative	C

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	3/18/25 12:41pm	[signature]	3/18/25 1201
[signature]	3/18/25 1411	AMRACE	3/18/25 1411
AMRACE	3/18/25 1653	Paul Marcello	3/18/25 1745
Paul Marcello	3/18/25 2210	[signature]	3/18/25 2210

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 Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

Margin notes: Rel: [signature] 3/19/25 0700 ... 3/19/25 0700; [signature] AAL 3/18/25 0500; 03/19/25 0500

VERTEX®
The Vertex Companies, LLC
For All Inquiries call (888) 298-5162
vertexeng.com