



August 3, 2022

American Paradigm Schools
8101 Castor Avenue
Philadelphia, PA
Attention: Ms. Jessica Bowers

Re: Lead in Drinking Water Sampling
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, PA 19111
Project No. 80530

Dear Ms. Bowers:

The Vertex Companies, LLC (VERTEX) is pleased to provide this Letter Report summarizing the lead in drinking water sampling performed within the Tacony Academy Charter School located at 1330 Rhawn Street in Philadelphia, Pennsylvania (the site).

VERTEX's services were performed on July 14, 2022 during the early morning hours prior to normal occupancy; thus, no water use for greater than six hours. Eighteen (18) sample locations were chosen from various water outlets including: hallway fountains, cafeteria ice machine, WaterLogic Dispensers, and kitchen prep, cafeteria food line, 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 (EMSL Analytical, Inc. of Cinnaminson, New Jersey) 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 ug/L (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. Note: micrograms per liter (ug/L) = parts per billion (ppb).

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

- Each of the eighteen (18) samples were below the USEPA Action Level for lead (15 ug/L).
- Each of the eighteen (18) samples were below the School District of Philadelphia's Safe Water Testing Program Safety Limit for lead (10 ug/L).
- Fifteen (15) of the eighteen (18) 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 Project Manager

Attachments: Laboratory Results
Photographs



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**William Otten
The Vertex Companies, Inc.
2501 Seaport Drive
Suite BH110
Chester, PA 19013**

7/28/2022

Phone: (610) 558-8902
Fax: (610) 558-8904

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 7/14/2022. The results are tabulated on the attached data pages for the following client designated project:

Tacony Academy Charter School

The reference number for these samples is EMSL Order #012210874. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

Report amended 07/28/2022 08:33:50 Replaces initial report from 07/20/2022 12:15:50 Customer ID changed to reflect the correct location.

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012210874

CustomerID: VRTX78

CustomerPO:

ProjectID:

Attn: **William Otten**
The Vertex Companies, Inc.
2501 Seaport Drive
Suite BH110
Chester, PA 19013

Phone: (610) 558-8902
Fax: (610) 558-8904
Received: 7/14/2022 09:00 AM

Project: **Tacony Academy Charter School****Analytical Results**

Client Sample Description 1 **Collected:** 7/14/2022 **Lab ID:** 012210874-0001
Hall fountain across from 108-boys side

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:11

Client Sample Description 2 **Collected:** 7/14/2022 **Lab ID:** 012210874-0002
Hall fountain across from 108-girls side

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:16

Client Sample Description 3 **Collected:** 7/14/2022 **Lab ID:** 012210874-0003
Sink-staff lounge 106

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:18

Client Sample Description 4 **Collected:** 7/14/2022 **Lab ID:** 012210874-0004
WaterLogic dispenser-staff lounge 106

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:19

Client Sample Description 5 **Collected:** 7/14/2022 **Lab ID:** 012210874-0005
Hall fountain across from 185(cafeteria)-girls side

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:24

**EMSL Analytical, Inc.**

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EMSL Order: 012210874

CustomerID: VRTX78

CustomerPO:

ProjectID:

Attn: **William Otten**
The Vertex Companies, Inc.
2501 Seaport Drive
Suite BH110
Chester, PA 19013

Phone: (610) 558-8902
 Fax: (610) 558-8904
 Received: 7/14/2022 09:00 AM

Project: **Tacony Academy Charter School****Analytical Results**

Client Sample Description 6 **Collected:** 7/14/2022 **Lab ID:** 012210874-0006
 Hall fountain across from 185(cafeteria)-boys side

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:25

Client Sample Description 7 **Collected:** 7/14/2022 **Lab ID:** 012210874-0007
 Kitchen(183) prep sink

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:27

Client Sample Description 8 **Collected:** 7/14/2022 **Lab ID:** 012210874-0008
 Cafeteria food line sink

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	6.35	1.00 µg/L	7/15/2022 JW	7/18/2022 JW 15:51

Client Sample Description 9 **Collected:** 7/14/2022 **Lab ID:** 012210874-0009
 Cafeteria ice maker

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:28

Client Sample Description 10 **Collected:** 7/14/2022 **Lab ID:** 012210874-0010
 Sink-nurse's office -182

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:30

**EMSL Analytical, Inc.**

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EMSL Order: 012210874

CustomerID: VRTX78

CustomerPO:

ProjectID:

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The Vertex Companies, Inc.
2501 Seaport Drive
Suite BH110
Chester, PA 19013

Phone: (610) 558-8902
 Fax: (610) 558-8904
 Received: 7/14/2022 09:00 AM

Project: **Tacony Academy Charter School****Analytical Results**

Client Sample Description 11 **Collected:** 7/14/2022 **Lab ID:** 012210874-0011
 Sink-nurse's office exam room-182.3

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.32	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:32

Client Sample Description 12 **Collected:** 7/14/2022 **Lab ID:** 012210874-0012
 Sink-science lab-176

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:33

Client Sample Description 13 **Collected:** 7/14/2022 **Lab ID:** 012210874-0013
 Hall fountain by 176-boys side

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:38

Client Sample Description 14 **Collected:** 7/14/2022 **Lab ID:** 012210874-0014
 Hall fountain by 176-girls side

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:42

Client Sample Description 15 **Collected:** 7/14/2022 **Lab ID:** 012210874-0015
 Sink-faculty lounge 158

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:44

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012210874

CustomerID: VRTX78

CustomerPO:

ProjectID:

Attn: **William Otten**
The Vertex Companies, Inc.
2501 Seaport Drive
Suite BH110
Chester, PA 19013

Phone: (610) 558-8902
 Fax: (610) 558-8904
 Received: 7/14/2022 09:00 AM

Project: **Tacony Academy Charter School****Analytical Results**

Client Sample Description 16 **Collected:** 7/14/2022 **Lab ID:** 012210874-0016
 WaterLogic dispenser-faculty lounge 158

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:45

Client Sample Description 17 **Collected:** 7/14/2022 **Lab ID:** 012210874-0017
 Hall fountain by 163

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:47

Client Sample Description 18 **Collected:** 7/14/2022 **Lab ID:** 012210874-0018
 Sink-art room 163

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.38	1.00 µg/L	7/14/2022 KG	7/14/2022 KG 17:49

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



Lead Chain of Custody

EMSL Order Number / Lab Use Only

 EMSL Analytical, Inc.
 200 Route 130 North
 Cinnaminson, NJ 08077

 EMSL ANALYTICAL, INC.
 TESTING LABS • PRODUCTS • TRAINING

012210874

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information Customer ID: Company Name: <u>The Vertex Companies, LLC</u> Contact Name: <u>William Otten</u> Street Address: <u>2501 Seaport Drive, Suite BH110</u> City, State, Zip: <u>Chester, PA 19013</u> Country: Phone: <u>610 558-8902</u> Email(s) for Report: <u>labresults@vertexeng.com</u>		Billing Information Billing ID: Company Name: Billing Contact: Street Address: City, State, Zip: Country: Phone: Email(s) for Invoice:	
Project Information			
Project Name/No: <u>Tacony Academy Charter School</u>		Purchase Order: <u>80530</u>	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: <u>PA</u> State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Name: <u>William Otten</u>		Sampled By Signature: <u>[Signature]</u> No. of Samples in Shipment	
Turn-Around-Time (TAT)			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 32 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.			
MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
Unpreserved	EPA 200.7	ICP-OES	0.020 mg/L (ppm)
Preserved with HNO ₃ <input type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
Unpreserved	40 CFR Part 50	ICP-OES	12 µg/filter
Preserved with HNO ₃ <input checked="" type="checkbox"/> PH<2 <u>EL</u>			
TSP/SPM Filter			
Other:			

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1	Hall Fountain across from 108 - Boys side		7/14/22
2	Hall Fountain across from 108 - Girls side		
3	Sink - Staff Lounge 106		
4	Water Logic dispenser - Staff Lounge 106		
5	Hall Fountain across from 185 (cafeteria) - Girls side		

Method of Shipment: <u>Drop-off</u>		Sample Condition Upon Receipt:	
Relinquished by: <u>[Signature]</u>	Date/Time: <u>7/14/22</u>	Received by: <u>Chelma WI</u>	Date/Time: <u>7/14/22 9⁰⁰</u>
Relinquished by: <u>[Signature]</u>	Date/Time: <u>7/14/22</u>	Received by: <u>Elefenn</u>	Date/Time: <u>7/15</u>

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*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

EMSL Order Number / Lab Use Only

EMAIL: CinnaminsonLeadLab@emsl.com

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012210874

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information.

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:

Date/Time:

Received by:

Date/Time	Location	Activity	Remarks
10/10/2023 10:00	Room 101	Meeting with Mr. Smith	Discussed project progress
10/10/2023 14:30	Field Site A	Sample Collection	Collected 5 samples
10/10/2023 16:00	Lab 201	Analysis of Samples	Started DNA sequencing
10/11/2023 09:00	Room 101	Meeting with Mr. Jones	Discussed budget issues
10/11/2023 11:30	Field Site B	Observation	Noted unusual behavior
10/11/2023 15:00	Lab 201	Analysis of Samples	Completed DNA sequencing
10/12/2023 10:00	Room 101	Meeting with Mr. Brown	Discussed next steps
10/12/2023 13:00	Field Site A	Sample Collection	Collected 3 samples
10/12/2023 16:00	Lab 201	Analysis of Samples	Started protein analysis
10/13/2023 09:00	Room 101	Meeting with Mr. Green	Discussed report writing
10/13/2023 11:00	Field Site B	Observation	Noted changes in environment
10/13/2023 14:00	Lab 201	Analysis of Samples	Completed protein analysis
10/14/2023 10:00	Room 101	Meeting with Mr. White	Discussed final results
10/14/2023 12:00	Field Site A	Sample Collection	Collected 2 samples
10/14/2023 15:00	Lab 201	Analysis of Samples	Started cell culture
10/15/2023 09:00	Room 101	Meeting with Mr. Black	Discussed future plans
10/15/2023 11:00	Field Site B	Observation	Noted stable conditions
10/15/2023 14:00	Lab 201	Analysis of Samples	Completed cell culture
10/16/2023 10:00	Room 101	Meeting with Mr. Grey	Discussed project closure
10/16/2023 12:00	Field Site A	Sample Collection	Collected 1 sample
10/16/2023 15:00	Lab 201	Analysis of Samples	Completed final analysis
10/17/2023 09:00	Room 101	Meeting with Mr. Yellow	Discussed next phase
10/17/2023 11:00	Field Site B	Observation	Noted new developments
10/17/2023 14:00	Lab 201	Analysis of Samples	Started new experiment
10/18/2023 10:00	Room 101	Meeting with Mr. Purple	Discussed collaboration
10/18/2023 12:00	Field Site A	Sample Collection	Collected 4 samples
10/18/2023 15:00	Lab 201	Analysis of Samples	Started new analysis
10/19/2023 09:00	Room 101	Meeting with Mr. Blue	Discussed project status
10/19/2023 11:00	Field Site B	Observation	Noted consistent results
10/19/2023 14:00	Lab 201	Analysis of Samples	Completed new analysis
10/20/2023 10:00	Room 101	Meeting with Mr. Orange	Discussed final report
10/20/2023 12:00	Field Site A	Sample Collection	Collected 2 samples
10/20/2023 15:00	Lab 201	Analysis of Samples	Started final review
10/21/2023 09:00	Room 101	Meeting with Mr. Red	Discussed project outcome
10/21/2023 11:00	Field Site B	Observation	Noted successful results
10/21/2023 14:00	Lab 201	Analysis of Samples	Completed final review
10/22/2023 10:00	Room 101	Meeting with Mr. Green	Discussed future research
10/22/2023 12:00	Field Site A	Sample Collection	Collected 3 samples
10/22/2023 15:00	Lab 201	Analysis of Samples	Started new project
10/23/2023 09:00	Room 101	Meeting with Mr. Blue	Discussed project goals
10/23/2023 11:00	Field Site B	Observation	Noted promising trends
10/23/2023 14:00	Lab 201	Analysis of Samples	Completed new project
10/24/2023 10:00	Room 101	Meeting with Mr. Orange	Discussed project progress
10/24/2023 12:00	Field Site A	Sample Collection	Collected 1 sample
10/24/2023 15:00	Lab 201	Analysis of Samples	Started new experiment
10/25/2023 09:00	Room 101	Meeting with Mr. Red	Discussed project status
10/25/2023 11:00	Field Site B	Observation	Noted significant findings
10/25/2023 14:00	Lab 201	Analysis of Samples	Completed new experiment
10/26/2023 10:00	Room 101	Meeting with Mr. Green	Discussed project closure
10/26/2023 12:00	Field Site A	Sample Collection	Collected 2 samples
10/26/2023 15:00	Lab 201	Analysis of Samples	Started final analysis
10/27/2023 09:00	Room 101	Meeting with Mr. Blue	Discussed project outcome
10/27/2023 11:00	Field Site B	Observation	Noted successful completion
10/27/2023 14:00	Lab 201	Analysis of Samples	Completed final analysis
10/28/2023 10:00	Room 101	Meeting with Mr. Orange	Discussed future plans
10/28/2023 12:00	Field Site A	Sample Collection	Collected 3 samples
10/28/2023 15:00	Lab 201	Analysis of Samples	Started new project
10/29/2023 09:00	Room 101	Meeting with Mr. Red	Discussed project goals
10/29/2023 11:00	Field Site B	Observation	Noted promising results
10/29/2023 14:00	Lab 201	Analysis of Samples	Completed new project
10/30/2023 10:00	Room 101	Meeting with Mr. Green	Discussed project progress
10/30/2023 12:00	Field Site A	Sample Collection	Collected 1 sample
10/30/2023 15:00	Lab 201	Analysis of Samples	Started new experiment
10/31/2023 09:00	Room 101	Meeting with Mr. Blue	Discussed project status
10/31/2023 11:00	Field Site B	Observation	Noted significant progress
10/31/2023 14:00	Lab 201	Analysis of Samples	Completed new experiment
11/01/2023 10:00	Room 101	Meeting with Mr. Orange	Discussed project closure
11/01/2023 12:00	Field Site A	Sample Collection	Collected 2 samples
11/01/2023 15:00	Lab 201	Analysis of Samples	Started final review
11			

Relinquished by:

Date/Time:

Received by:

Date/Time

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7

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

**Photographic Documentation
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, Pennsylvania 19111
Project No. 80530**

Photograph: 1**Description:**

Photo depicts the site.

**Photograph: 2****Description:**

Photo depicts the location of samples 1 & 2.



Photographs taken by William Otten on 7/14/22

**Photographic Documentation
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, Pennsylvania 19111
Project No. 80530**

Photograph: 3**Description:**

Photo depicts the location of samples 3 & 4.

**Photograph: 4****Description:**

Photo depicts the location of samples 5 & 6.



Photographs taken by William Otten on 7/14/22

**Photographic Documentation
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, Pennsylvania 19111
Project No. 80530**

Photograph: 5**Description:**

Photo depicts the location of sample 7.

**Photograph: 6****Description:**

Photo depicts the location of sample 8.



Photographs taken by William Otten on 7/14/22

**Photographic Documentation
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, Pennsylvania 19111
Project No. 80530**

Photograph: 7**Description:**

Photo depicts the location of sample 9.

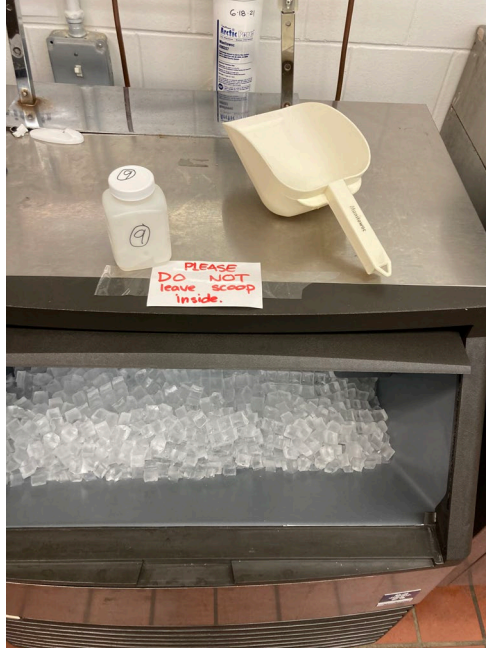
**Photograph: 8****Description:**

Photo depicts the location of sample 10.



Photographs taken by William Otten on 7/14/22

**Photographic Documentation
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, Pennsylvania 19111
Project No. 80530**

Photograph: 9**Description:**

Photo depicts the location of sample 11.

**Photograph: 10****Description:**

Photo depicts the location of sample 12.



Photographs taken by William Otten on 7/14/22

**Photographic Documentation
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, Pennsylvania 19111
Project No. 80530**

Photograph: 11**Description:**

Photo depicts the location of samples 13 & 14.

**Photograph: 12****Description:**

Photo depicts the location of samples 15 & 16.



Photographs taken by William Otten on 7/14/22

**Photographic Documentation
Tacony Academy Charter School
1330 Rhawn Street
Philadelphia, Pennsylvania 19111
Project No. 80530**

Photograph: 13**Description:**

Photo depicts the location of sample 17.

**Photograph: 14****Description:**

Photo depicts the location of sample 18.



Photographs taken by William Otten on 7/14/22