Lead in Drinking Water
First Draw
Sampling Report

Pride Academy Charter

Prepared For:

Pride Academy Charter School

117 Elmwood Avenue
East Orange, NJ 07018

Performed By:

AERO Environmental Services Inc.

275 Rt 10 East, 220-306 Succasunna, NJ 07876

Report Date

May 5, 2025

AERO ENVIRONMENTAL SERVICES, INC.
ENGINEERING • CONSULTING • TESTING

275 Route 10 East, Suite 220-306 Succasunna, NJ 07876
Telephone (973) 920-9061
Fax (973) 529-0335

May 5, 2025

Ms. Charlene Jones
Business Administrator
Pride Academy Charter School
117 Elmwood Avenue
East Orange, NJ 07874

Re: Lead in Drinking Water Report - First Draw Sampling

Dear Ms. Jones,

Enclosed is the final report for Lead in Drinking Water Sampling & Analysis conducted for the Pride Academy Charter School. The lead in drinking water sampling was conducted of all active drinking water locations at the following district facilities.

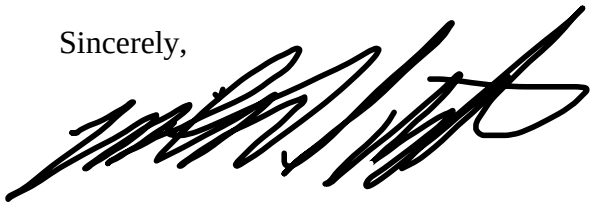
- Pride Academy Charter School

A total of ten (10) first draw samples, including field blanks, were collected while at the school. All first draw samples were analyzed. All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8

Based on laboratory analysis of all functioning drinking water locations samples analyzed, **zero (0) samples exceeded the action limit.** No remedial action is required. All lead results were below 15 µg/L which is the New Jersey Action Level.

If you have any questions, please contact me directly at 973-920-9061.

Sincerely,



Michael Berta, CSP, CPEA
AERO Environmental Services Inc.
mberta@aeroenvironmental.net

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Pride Academy Charter School

1.0 INTRODUCTION

AERO Environmental Services, Inc. was contracted by the Pride Academy Charter School to conduct Lead in Drinking Water Sampling at one (1) district facility. The water sampling was performed by Michael Berta of AERO Environmental Services Inc. All samples were analyzed by EMSL Analytical Inc. at 200 Route 130 North, Cinnaminson, NJ 08077, a New Jersey certified Lead in Drinking Water testing facility.

The purpose of sampling was to collect first the draw drinking water samples from all active drinking water locations within the school and have them analyzed for lead concentration levels.

The initial first draw samples were taken from active drinking water outlets and food preparation outlets throughout the facility. These samples determine the lead content of water sitting in water outlets that are used for drinking or cooking.

Lead in water can originate from the outlet fixture or plumbing upstream of the outlet fixture (e.g., pipe, joints, valves, fittings etc.). Lead can also enter a facility through the drinking water system. Sample results are then compared to assist in determining the sources of lead contamination and the appropriate corrective measures.

If initial first draw test results reveal lead concentrations greater than 15 µg/l (ppb) in a 250 mL sample for a given outlet, follow-up flush testing is required to determine if the lead contamination results are from the fixture or from interior plumbing.

All samples were collected in a 250 mL wide mouth plastic container that was provided by the analytical laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours.

-END OF SECTION-

2.0 SUMMARY OF FINDINGS

First Draw samples were collected and submitted for lead analysis. Table(s) 1 below shows the concentration of lead (parts per billion or microgram per liter) at each active drinking water location sampled. Sampling conducted followed NJDEP protocols, and all samples were submitted to EMSL Analytical under a completed Chain of Custody.

Table 1: Pride Academy Charter School

Date	Sample ID	Location Description	First Draw Result ug/L (ppb)	Action Ug/L Ppb	Over Limit Yes/No
03/31/25	Pacs-1	Lower-Level kitchen sink	ND	15	No
03/31/25	Pacs-2	Lower-Level Hallway by boys rm chiller	ND	15	No
03/31/25	Pacs-3	Lower-Level Hallway by boys rm bottle filler	ND	15	No
03/31/25	Pacs-4	Hallway by cafe chiller	ND	15	No
03/31/25	Pacs-5	Hallway by cafe bottle filler	ND	15	No
03/31/25	Pacs-6	Hallway by 306 chiller	ND	15	No
03/31/25	Pacs-7	Hallway by 306 bottle filler	ND	15	No
03/31/25	Pacs-8	Hallway by 302 chiller	ND	15	No
03/31/25	Pacs-9	Hallway by 302 bottle filler	ND	15	No
03/31/25	Pacs-10	Field blank	ND	15	No

3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

1. N.J.A.C. 6A:26-12.4 Safe Drinking Water

2. The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"

3. Guidance Document from NJDEP Division of Water Supply and Geoscience – "Lead in Drinking Water: Guidance for Schools and Child Care Facilities Served by Public Water."

Ten (10) first draw samples, including field blanks were collected while at each facility. All first draw samples were analyzed.

All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8.

4.0 CONCLUSION

- Based on laboratory analysis of the samples analyzed, zero (0) samples exceeded the action limit.
- No remedial action is required.
- <u>All lead results were below the 15 µg/L New Jersey Action Level.</u>

APPENDIX 1

Pride Academy Charter School

LABORATORY ANALYSIS WATER SAMPLING RESULTS
WITH
CHAIN OF CUSTODY

EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012516651
LIMS Reference ID: AD16651
EMSL Customer ID: AERO50

Attention: Michael Berta
AERO Environmental Services, Inc [AERO50]
275 Route 10 East, Suite 220-306
Succasunna, NJ 07876
(973) 920-9061
mberta@aeroenvironmental.net

Project Name: Pride academy charter School DW

Customer PO:
EMSL Sales Rep: David Prince
Received: 04/04/2025 10:00
Reported: 04/18/2025 14:31

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: Pacs-1/LL kitchen sink - Lims Reference ID: AD16651-01 Matrix: Drinking Water Sampled: 03/31/25 06:30:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:09	04/15/25 17:07	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-2/LL Hw boys rm chiller - Lims Reference ID: AD16651-02 Matrix: Drinking Water Sampled: 03/31/25 06:34:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:09	04/15/25 17:09	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-3/LL Hw boys rm bottle filler - Lims Reference ID: AD16651-03 Matrix: Drinking Water Sampled: 03/31/25 06:35:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:26	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-4/Hw cafe chiller - Lims Reference ID: AD16651-04 Matrix: Drinking Water Sampled: 03/31/25 06:39:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:32	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-5/Hw cafe bottle filler - Lims Reference ID: AD16651-05 Matrix: Drinking Water Sampled: 03/31/25 06:40:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:34	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-6/Hw by 306 chiller - Lims Reference ID: AD16651-06 Matrix: Drinking Water Sampled: 03/31/25 06:42:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:36	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-7/Hw by 306 bottle filler - Lims Reference ID: AD16651-07 Matrix: Drinking Water Sampled: 03/31/25 06:44:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:38	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-8/Hw by 302 chiller - Lims Reference ID: AD16651-08 Matrix: Drinking Water Sampled: 03/31/25 06:47:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:43	PL	EPA 200.8 (DA)/EPA 200.8
Sample: Pacs-9/Hw by 302 bottle filler - Lims Reference ID: AD16651-09 Matrix: Drinking Water Sampled: 03/31/25 06:48:00									
Metals									
Lead	ND		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:45	PL	EPA 200.8 (DA)/EPA 200.8

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LIMS Reference ID: AD16651
EMSL Customer ID: AERO50

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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: Pacs-10/Field blank -			**Lims Reference ID:**	**AD16651-10**	**Matrix: Drinking Water**			**Sampled:**	**03/31/25 07:00:00**
Metals									
Lead	**ND**		1	1.00	µg/L	04/14/25 17:12	04/15/25 17:47	PL	EPA 200.8 (DA)/EPA 200.8

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Certified Analyses included in this Report

Analyte	Certifications
EPA 200.8 in Drinking Water	
Lead	NJDEP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	2845.25	11/30/2025
NYSDOH	New York State Department of Health ELAP	10872	04/01/2025
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2025
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2025
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2026
California ELAP	California Water Boards	1877	06/30/2025
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	05/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

Please see the specific Field of Testing (FOT) on www.emsl.com <http://www.emsl.com> for a complete listing of parameters for which EMSL is certified.

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Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.

AD166651

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

DQWA-3H6H-F9YQ

Client Information
AERO Environmental Services, Inc
Succasunna, NJ
AERO50

Project Overview

Client	Aero environmental services
PO Number	
Project Name	Pride academy charter School DW
Project ID	
Bill To	AERO50
Report To Contact	Michael berta
Report To Email	Mberta@aeroenvironmental.net
Special Instructions	

Project Site

Building Type	School or Day Care Center
Address	117 elmwood avenue
City	East orange
State	NJ
Zip	07018

Testing Laboratory
Cinnaminson Chemistry
Cinnaminson, NJ 08077

Lead Drinking Water

Sample ID	Sample Area	Date/Time Collected	Volume	Test Method	TAT	pH	Preservative	Additional Tests	Notes
Pacs-1	LL kitchen sink	3/31/2025 6:30 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-2	LL Hw boys rm chiller	3/31/2025 6:34 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-3	LL Hw boys rm bottle filler	3/31/2025 6:35 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-4	Hw cafe chiller	3/31/2025 6:39 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-5	Hw cafe bottle filler	3/31/2025 6:40 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-6	Hw by 306 chiller	3/31/2025 6:42 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-7	Hw by 306 bottle filler	3/31/2025 6:44 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-8	Hw by 302 chiller	3/31/2025 6:47 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-9	Hw by 302 bottle filler	3/31/2025 6:48 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				
Pacs-10	Field blank	3/31/2025 7:00 AM	250 mL	C-Lead by ICP-MS I EPA 200.8	2 Week				

AD16651

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

DQWA-3H6H-F9YQ

Sampled By / Date 3/31/2025

Relinquished By / Date 3/31/2025

Received (Lab) / Date 4/04/25 10am (WF)

HNO_3 942am 4/9/25 (A)