

# **Lead in Drinking Water First Draw Sampling Report**

## **Central Park School**

5 Jean Street  
Morristown, NJ 07960

*Prepared For:*

**Morris County Educational Commission**

*Performed By:*

**AERO Environmental Services Inc.**  
275 Rt 10 East, 220-306 Succasunna, NJ 07876

**Report Date**

June 16, 2025

# **AERO ENVIRONMENTAL SERVICES, INC.**

ENGINEERING • CONSULTING • TESTING

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275 Route 10 East, Suite 220-306 Succasunna, NJ 07876

Telephone (973) 920-9061

Fax (973) 529-0335

June 16, 2025

Dr. Angelo Vilardi  
Superintendent  
Morris County Educational Commission  
PO Box 1944  
Morristown, NJ 07960

**Re: Lead in Drinking Water Report - Central Park School - First Draw Sampling**

Dear Dr., Vilardi,

Enclosed is the final report for Lead in Drinking Water Sampling & Analysis conducted for the Educational Services Commission - Central Park School. Lead in drinking water sampling was conducted of all active drinking water locations at the following district facility.

- Central Park School

A total of eight (8) first draw samples, including field blanks, were collected while at 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. NJDEP Laboratory Number 03036.

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 at directly at 973-920-9061.

Sincerely,



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

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## 1.0 INTRODUCTION

AERO Environmental Services, Inc. was contracted by the Educational Services Commission to conduct Lead in Drinking Water Sampling at the Central Park School. 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. NJDEP Laboratory Number 03036.

The purpose of sampling was to collect first the draw drinking water samples from all active drinking water locations within the district 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 facilities. These samples determine the lead content of water sitting in water outlets that are used for drinking or cooking within each facility.

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  $\mu\text{g/l}$  (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: Central Middle School**

Date	Location Description	Sample ID	Sample Location Code	First Draw Result ug/L (ppb)	Action Ug/L Ppb	Over Limit Yes/No
05/19/25	Kitchen sink	Esccp-1	Kitchen sink	ND	15	No
05/19/25	Kitchen sink	Esccp-2	Kitchen sink	ND	15	No
05/19/25	Sink	Esccp-3	Teachers' lounge sink	1.27	15	No
05/19/25	Sink	Esccp-4	Nurse sink	8.17	15	No
05/19/25	Sink	Esccp-5	Green pod sink	ND	15	No
05/19/25	Sink	Esccp-6	ADL room sink	ND	15	No
05/19/25	Sink	Esccp-7	Yellow pod sink	ND	15	No
05/19/25	Field blank	Esccp-8	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."

Eight (8) 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.
- All lead results were below the 15 µg/L New Jersey Action Level.

# **APPENDIX 1**

## **Central Park 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:** 012521598  
**LIMS Reference ID:** AD21598  
**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:** Esc central park school  
  
**Customer PO:**  
**EMSL Sales Rep:** David Prince  
**Received:** 05/21/2025 09:00  
**Reported:** 06/05/2025 17:07

## Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
<b>Sample: Esccp-1/Kitchen sink - Kitchen sink</b> <b>Lims Reference ID: AD21598-01</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:10:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:24	PL	EPA 200.8 (DA)/EPA 200.8
<b>Sample: Esccp-2/Kitchen sink - Kitchen sink</b> <b>Lims Reference ID: AD21598-02</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:12:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:30	PL	EPA 200.8 (DA)/EPA 200.8
<b>Sample: Esccp-3/Teachers lounge sink - Sink</b> <b>Lims Reference ID: AD21598-03</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:15:00</b>									
<b>Metals</b>									
Lead	1.27		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:33	PL	EPA 200.8 (DA)/EPA 200.8
<b>Sample: Esccp-4/Nurse sink - Sink</b> <b>Lims Reference ID: AD21598-04</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:17:00</b>									
<b>Metals</b>									
Lead	8.17		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:39	PL	EPA 200.8 (DA)/EPA 200.8
<b>Sample: Esccp-5/Green pod sink - Sink</b> <b>Lims Reference ID: AD21598-05</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:19:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:41	PL	EPA 200.8 (DA)/EPA 200.8
<b>Sample: Esccp-6/ADL room sink - Sink</b> <b>Lims Reference ID: AD21598-06</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:22:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:43	PL	EPA 200.8 (DA)/EPA 200.8
<b>Sample: Esccp-7/Yellow pod sink - Sink</b> <b>Lims Reference ID: AD21598-07</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:24:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:45	PL	EPA 200.8 (DA)/EPA 200.8
<b>Sample: Esccp-8/Field blank - Field blank</b> <b>Lims Reference ID: AD21598-08</b> <b>Matrix: Drinking Water</b> <b>Sampled: 05/19/25 08:30:00</b>									
<b>Metals</b>									
Lead	ND		1	1.00	µg/L	06/02/25 16:18	06/04/25 00:47	PL	EPA 200.8 (DA)/EPA 200.8



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**EMSL Order ID:** 012521598**LIMS Reference ID:** AD21598**EMSL Customer ID:** AERO50**Attention:** Michael Berta

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**Customer PO:****EMSL Sales Rep:**

David Prince

**Received:**

05/21/2025 09:00

**Reported:**

06/05/2025 17:07

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>EPA 200.8 in Drinking Water</i></b>	
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	04/01/2026
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	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	04/01/2027
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) <<http://www.emsl.com>> for a complete listing of parameters for which EMSL is certified.

**EMSL Analytical, Inc.**

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EMSL-CIN-01

**EMSL Order ID:** 012521598**LIMS Reference ID:** AD21598**EMSL Customer ID:** AERO50**Attention:** Michael Berta

AERO Environmental Services, Inc [AERO50]  
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Succasunna, NJ 07876  
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**Project Name:**

Esc central park school

**Customer PO:****EMSL Sales Rep:**

David Prince

**Received:**

05/21/2025 09:00

**Reported:**

06/05/2025 17:07

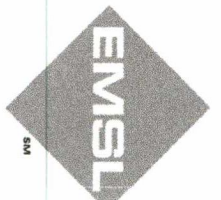
**Notes and Definitions**

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.



EMSL ANALYTICAL, INC.  
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3ET4-W2YY-RAVE

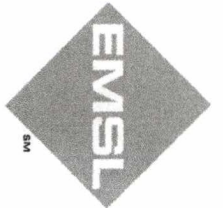
AD21598

Client Information		Project Overview		Project Site		Testing Laboratory	
AERO Environmental Services, Inc	Client	Aero environmental services	Building Type	School or Day Care Center	Cinnaminson Chemistry		
Succasunna, NJ	PO Number		Address	5 jean street	Cinnaminson, NJ 08077		
AERO50	Project Name	Esc central park school	City	Morristown			
	Project ID		State	NJ			
	Bill To	AERO50	Zip	07960			
	Report To Contact	Michael berta					
	Report To Email	Mberta@aeroenvironmental.net					
	Special Instructions						

Lead Drinking Water

Sample ID	Sample Area	Date/Time Collected	Volume	Test Method	TAT	pH	Preservative	Additional Tests	Notes
1	Esccp-1	5/19/2025 8:10 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				
2	Esccp-2	5/19/2025 8:12 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				
3	Esccp-3	5/19/2025 8:15 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				
4	Esccp-4	5/19/2025 8:17 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				
5	Esccp-5	5/19/2025 8:19 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				
6	Esccp-6	5/19/2025 8:22 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				
7	Esccp-7	5/19/2025 8:24 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				
8	Esccp-8	5/19/2025 8:30 AM	250 mL	C-Lead by ICP-MS   EPA 200.8	2 Week				

H103 added @ 9am 5/21/25



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ADA1598



3ET4-W2YY-RAVE

*M. Park*

Sampled By / Date

*M. Park*

5/19/2025

Relinquished By / Date

5/19/2025

*M. Park* *5/20/25 19:10*  
Received (Lab) / Date *Monroney (ce) 5/21/25 0900*