

Lead in Drinking Water First Draw Sampling Report

**Edith Decker School
Mount Arlington Public School**

Prepared For:
Mount Arlington Schools
1 Altenbrand Avenue
Mount Arlington, NJ 07856

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

Report Date

May 15, 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 15, 2025

Dr. Steven McHugh
Business Administrator
Mount Arlington Schools
1 Altenbrand Ave.
Mount Arlington, NJ 07856

Re: Lead in Drinking Water Report - First Draw Sampling

Dear Dr. Steven McHugh,

Enclosed is the final report for Lead in Drinking Water Sampling & Analysis conducted for the Mount Arlington School District. Lead in drinking water sampling was conducted of all active drinking water locations at the following district facilities.

- Edith Decker School
- Mount Arlington Public School

A total of Thirty-Six (36) first draw samples, including field blanks, were collected while at each district 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

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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Mount Arlington School District

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Appendix 1 - Lead Sampling Laboratory Reports – Mount Arlington Public School

1.0 INTRODUCTION

AERO Environmental Services, Inc. was contracted by the Mount Arlington School District to conduct Lead in Drinking Water Sampling at two (2) district facilities. 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 µg/l (ppb) in a 250 mL sample for a given outlet, a 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: Edith Decker School

Date	Location Description	Sample ID	Sample Location Code	First Draw Result ug/L (ppb)	Action Ug/L Ppb	Over Limit Yes/No
04/03/25	Hallway By Main Office Rm 1 Chiller	EDS-1	EDS-FCBF-HW by Main Office -01	ND	15	No
04/03/25	Hallway By Main Office Bottle Filler	EDS-2	EDS-FCBF-HW by Main Office -02	ND	15	No
04/03/25	Room 14 Bubblers	EDS-3	EDS-FB-14	3.16	15	No
04/03/25	Room 15 Bubblers	EDS-4	EDS-FB-15	2.82	15	No
04/03/25	Room 16 Bubblers	EDS-5	EDS-FB-16	3.05	15	No
04/03/25	Kitchen	EDS-6	EDS-KO-Kitchen-01	2.15	15	No
04/03/25	Kitchen	EDS-7	EDS-KO-Kitchen-02	ND	15	No
04/03/25	Kitchen	EDS-8	EDS-KO-Kitchen-03	3.75	15	No
04/03/25	Kitchen Island	EDS-9	EDS-KO-Kitchen-04	3.32	15	No
04/03/25	Gym	EDS-10	EDS-FC-Gym	ND	15	No
04/03/25	Nurse Sink	EDS-11	EDS-MO-Nurse	1.22	15	No
04/03/25	Room 10 Bubblers	EDS-12	EDS-FB-10	2.89	15	No
04/03/25	Room 5 Bubblers	EDS-13	EDS-FB-5	3.78	15	No
04/03/25	Room 9 Bubblers	EDS-14	EDS-FB-9	3.40	15	No
04/03/25	Room 8 Bubblers	EDS-15	EDS-FB-8	3.81	15	No
04/03/25	Room 7 Bubblers	EDS-16	EDS-FB-7	3.32	15	No
04/03/25	Room 6 Bubblers	EDS-17	EDS-FB-6	3.68	15	No
04/03/25	Field Blank	EDS-18	EDS-Field Blank	ND	15	No

Table 1: Mount Arlington Public School

Date	Location Description	Sample ID	Sample Location Code	First Draw Result ug/L (ppb)	Action Ug/L Ppb	Over Limit Yes/No
04/09/25	Room 38 Sink	MAPS-1	MAPS-SO-38	3.68	15	No
04/09/25	Room 8 Teachers Lounge Sink	MAPS-2	MAPS-TL-8	ND	15	No
04/09/25	Nurses Room 36 Sink	MAPS-3	MAPS-MO-Nurse	1.54	15	No
04/09/25	Hallway By Main Office Chiller Rm 1	MAPS-4	MAPS-FCBF-by Main Office-01	ND	15	No
04/09/25	Hallway By Main Office Rm 1 Bottle Filler	MAPS-5	MAPS-FCBF-by Main Office-02	ND	15	No
04/09/25	Kitchen Sink Left Side Sink	MAPS-6	MAPS-KO-Kitchen-01	1.14	15	No
04/09/25	Kitchen Sink Right Side Sink	MAPS-7	MAPS-KO-Kitchen-02	ND	15	No
04/09/25	Room 34 Bubbler	MAPS-8	MAPS-FB-34	3.21	15	No
04/09/25	Room 32 Bubbler	MAPS-9	MAPS-FB-32	2.23	15	No
04/09/25	Hallway by Room 23 Left Chiller	MAPS-10	MAPS-FC-by Rm23-01	ND	15	No
04/09/25	Hallway by Room 23 Middle Chiller	MAPS-11	MAPS-FC-by Rm23-02	ND	15	No
04/09/25	Hallway by Room 23 Right Right Chiller	MAPS-12	MAPS-FC-by Rm23-03	ND	15	No
04/09/25	Girls Locker Room Chiller	MAPS-13	MAPS-FC-Girls LockerRm	7.35	15	No
04/09/25	Hallway by All Purpose Rm Bubbler	MAPS-14	MAPS-FB-APR	4.49	15	No
04/09/25	Hallway by Room 15 Chiller	MAPS-15	MAPS-FCBF by Rm15-01	ND	15	No
04/09/25	Hallway by Room 15 Bottle Filler	MAPS-16	MAPS-FCBF by Rm15-02	ND	15	No
04/09/25	Room 17 Bubbler	MAPS-17	MAPS-FB-17	3.46	15	No
04/09/25	Field Blank	MAPS-18	MAPS-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."

Thirty-Six (36) 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

Edith Decker 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: 012516673
LIMS Reference ID: AD16673
EMSL Customer ID: AERO50

Attention: Select Contact - AERO50

AERO Environmental Services, Inc [AERO50]
275 Route 10 East, Suite 220-306
Succasunna, NJ 07876
(973) 920-9061
elementsupport@emsl.com

Project Name:

Mount Arlington Decker DW

Customer PO:

EMSL Sales Rep:

David Prince

Received:

04/04/2025 10:00

Reported:

04/21/2025 20:05

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: EDS-1/EDS-FCBF-HW by Main Office -01 - Lims Reference ID: AD16673-01 Matrix: Drinking Water Sampled: 04/03/25 06:55:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:31	04/15/25 21:53	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-2/EDS-FCBF-HW by Main Office -02 - Lims Reference ID: AD16673-02 Matrix: Drinking Water Sampled: 04/03/25 06:56:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:00	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-3/EDS-FB-14 - Lims Reference ID: AD16673-03 Matrix: Drinking Water Sampled: 04/03/25 06:58:00									
Metals									
Lead	3.16		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:02	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-4/EDS-FB-15 - Lims Reference ID: AD16673-04 Matrix: Drinking Water Sampled: 04/03/25 07:00:00									
Metals									
Lead	2.82		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:04	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-5/EDS-FB-16 - Lims Reference ID: AD16673-05 Matrix: Drinking Water Sampled: 04/03/25 07:02:00									
Metals									
Lead	3.05		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:06	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-6/EDS-KO-Kitchen-01 - Lims Reference ID: AD16673-06 Matrix: Drinking Water Sampled: 04/03/25 07:04:00									
Metals									
Lead	2.15		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:13	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-7/EDS-KO-Kitchen-02 - Lims Reference ID: AD16673-07 Matrix: Drinking Water Sampled: 04/03/25 07:05:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:16	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-8/EDS-KO-Kitchen-03 - Lims Reference ID: AD16673-08 Matrix: Drinking Water Sampled: 04/03/25 07:06:00									
Metals									
Lead	3.75		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:18	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-9/EDS-KO-Kitchen-04 - Lims Reference ID: AD16673-09 Matrix: Drinking Water Sampled: 04/03/25 07:07:00									
Metals									
Lead	3.32		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:20	JW1	EPA 200.8 (DA)/EPA 200.8

**EMSL Analytical, Inc.**

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

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(973) 920-9061
elementsupport@emsl.com

Project Name:

Mount Arlington Decker DW

Customer PO:

EMSL Sales Rep:

David Prince

Received:

04/04/2025 10:00

Reported:

04/21/2025 20:05

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: EDS-10/EDS-FC-Gym - Lims Reference ID: AD16673-10 Matrix: Drinking Water Sampled: 04/03/25 07:09:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:22	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-11/EDS-MO-Nurse - Lims Reference ID: AD16673-11 Matrix: Drinking Water Sampled: 04/03/25 07:11:00									
Metals									
Lead	1.22		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:25	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-12/EDS-FB-10 - Lims Reference ID: AD16673-12 Matrix: Drinking Water Sampled: 04/03/25 07:13:00									
Metals									
Lead	2.89		1	1.00	µg/L	04/15/25 13:31	04/16/25 13:36	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-13/EDS-FB-5 - Lims Reference ID: AD16673-13 Matrix: Drinking Water Sampled: 04/03/25 07:15:00									
Metals									
Lead	3.78		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:34	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-14/EDS-FB-9 - Lims Reference ID: AD16673-14 Matrix: Drinking Water Sampled: 04/03/25 07:16:00									
Metals									
Lead	3.40		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:41	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-15/EDS-FB-8 - Lims Reference ID: AD16673-15 Matrix: Drinking Water Sampled: 04/03/25 07:18:00									
Metals									
Lead	3.81		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:43	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-16/EDS-FB-7 - Lims Reference ID: AD16673-16 Matrix: Drinking Water Sampled: 04/03/25 07:18:00									
Metals									
Lead	3.32		1	1.00	µg/L	04/17/25 12:41	04/18/25 18:54	JW1	EPA 200.8 (Dig)/EPA 200.8
Sample: EDS-17/EDS-FB-6 - Lims Reference ID: AD16673-17 Matrix: Drinking Water Sampled: 04/03/25 07:20:00									
Metals									
Lead	3.68		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:45	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: EDS-18/EDS-Field Blank - Lims Reference ID: AD16673-18 Matrix: Drinking Water Sampled: 04/03/25 07:26:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:31	04/15/25 22:47	JW1	EPA 200.8 (DA)/EPA 200.8

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012516673**LIMS Reference ID:** AD16673**EMSL Customer ID:** AERO50**Attention:** Select Contact - AERO50

AERO Environmental Services, Inc [AERO50]
275 Route 10 East, Suite 220-306
Succasunna, NJ 07876
(973) 920-9061
elementsupport@emsl.com

Project Name:

Mount Arlington Decker DW

Customer PO:**EMSL Sales Rep:**

David Prince

Received:

04/04/2025 10:00

Reported:

04/21/2025 20:05

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 200.8 in Drinking Water</i>	
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.

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012516673
LIMS Reference ID: AD16673
EMSL Customer ID: AERO50

Attention: Select Contact - AERO50

AERO Environmental Services, Inc [AERO50]
275 Route 10 East, Suite 220-306
Succasunna, NJ 07876
(973) 920-9061
elementsupport@emsl.com

Project Name:

Mount Arlington Decker DW

Customer PO:**EMSL Sales Rep:**

David Prince

Received:

04/04/2025 10:00

Reported:

04/21/2025 20:05

Notes and Definitions

Item	Definition
D	Analyte was reported from a dilution run.
(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.
LABORATORY • PRODUCTS • TRAINING

AD16673



3Y92-6GY4-QDUR

Client Information

AERO Environmental Services, Inc
Succasunna, NJ
AERO50

Project Overview

Client Aero Environmental
PO Number
Project Name Mount Arlington Decker DW
Project ID
Bill To AERO50
Report To Contact Michael Berta
Report To Email Mbarta@aeroenvironmental.net
Special Instructions

Project Site

Building Type School or Day Care Center
Address 446 Howard Blvd
City Mount Arlington
State NJ
Zip 07856

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
EDS-1	EDS-FCBF-HW by Main Office -01	4/3/2025 6:55 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-2	EDS-FCBF-HW by Main Office -02	4/3/2025 6:56 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-3	EDS-FB-14	4/3/2025 6:58 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-4	EDS-FB-15	4/3/2025 7:00 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-5	EDS-FB-16	4/3/2025 7:02 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-6	EDS-KO-Kitchen-01	4/3/2025 7:04 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-7	EDS-KO-Kitchen-02	4/3/2025 7:05 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-8	EDS-KO-Kitchen-03	4/3/2025 7:06 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-9	EDS-KO-Kitchen-04	4/3/2025 7:07 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-10	EDS-FC-Gym	4/3/2025 7:09 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-11	EDS-MO-Nurse	4/3/2025 7:11 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-12	EDS-FB-10	4/3/2025 7:13 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-13	EDS-FB-5	4/3/2025 7:15 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-14	EDS-FB-9	4/3/2025 7:16 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-15	EDS-FB-8	4/3/2025 7:18 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				



EMSL ANALYTICAL, INC.
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AD16673



3Y92-6GY4-QDUR

Sample ID	Sample Area	Date/Time Collected	Volume	Test Method	TAT	pH	Preservative	Additional Tests	Notes
EDS-16	EDS-FB-7	4/3/2025 7:18 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-17	EDS-FB-6	4/3/2025 7:20 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
EDS-18	EDS-Field Blank	4/3/2025 7:26 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				

M Berka

Sampled By / Date

4/3/2025

M Berka

Relinquished By / Date

4/3/2025

Received (Lab) / Date

Monneely (WT) 4/04/25 10am

HNO₃ added 950 µL
4/9/25 (W)

APPENDIX 1

Mount Arlington Public 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: 012516685
LIMS Reference ID: AD16685
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: Mount Arlington Public School DW / 235
Howard Blvd

Customer PO:
EMSL Sales Rep: David Prince
Received: 04/04/2025 09:50
Reported: 04/18/2025 14:33

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: MAPS-1/MAPS-SO-38 Lims Reference ID: AD16685-01 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	3.68		1	1.00	µg/L	04/15/25 13:09	04/15/25 20:42	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-2/MAPS-TL-8 Lims Reference ID: AD16685-02 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 20:49	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-3/MAPS-MO-NURSE Lims Reference ID: AD16685-03 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	1.54		1	1.00	µg/L	04/15/25 13:09	04/15/25 20:51	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-4/MAPS-FCBF-BY MAIN OFFICE-01 Lims Reference ID: AD16685-04 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 20:53	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-5/MAPS-FCBF-BY MAIN OFFICE-02 Lims Reference ID: AD16685-05 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 20:56	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-6/MAPS-KO-KITCHEN-01 Lims Reference ID: AD16685-06 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	1.14		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:03	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-7/MAPS-KO-KITCHEN-02 Lims Reference ID: AD16685-07 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:05	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-8/MAPS-FB-34 Lims Reference ID: AD16685-08 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	3.21		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:07	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-9/MAPS-FB-32 Lims Reference ID: AD16685-09 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	2.23		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:09	JW1	EPA 200.8 (DA)/EPA 200.8

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012516685
LIMS Reference ID: AD16685
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: Mount Arlington Public School DW / 235
Howard Blvd

Customer PO:
EMSL Sales Rep: David Prince
Received: 04/04/2025 09:50
Reported: 04/18/2025 14:33

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: MAPS-10/MAPS-FC-BY RM 23 -01 Lims Reference ID: AD16685-10 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:12	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-11/MAPS-FC-BY RM 23 -02 Lims Reference ID: AD16685-11 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:14	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-12/MAPS-FC-BY RM 23 -03 Lims Reference ID: AD16685-12 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:21	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-13/MAPS-FC-GIRLS LOCKER ROOM Lims Reference ID: AD16685-13 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	7.35		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:23	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-14/MAPS-FB-APR Lims Reference ID: AD16685-14 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	8.49		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:30	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-15/MAPS-FCBF-BY ROOM 15 -01 Lims Reference ID: AD16685-15 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:32	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-16/MAPS-FCBF-BY ROOM 15 -02 Lims Reference ID: AD16685-16 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:34	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-17/MAPS-FB-17 Lims Reference ID: AD16685-17 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	3.46		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:37	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: MAPS-18/MAPS-FIELD BLANK Lims Reference ID: AD16685-18 Matrix: Drinking Water Sampled: 04/03/25 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	04/15/25 13:09	04/15/25 21:39	JW1	EPA 200.8 (DA)/EPA 200.8

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EMSL-CIN-01

EMSL Order ID: 012516685
LIMS Reference ID: AD16685
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: Mount Arlington Public School DW / 235
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Customer PO:
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Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 200.8 in Drinking Water</i>	
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.

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012516685**LIMS Reference ID:** AD16685**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:

Mount Arlington Public School DW / 235
Howard Blvd

Customer PO:**EMSL Sales Rep:**

David Prince

Received:

04/04/2025 09:50

Reported:

04/18/2025 14:33

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.
LABORATORY • PRODUCTS • TRAINING

AD16685



AR49-2RXD-P43P

Client Information

AERO Environmental Services, Inc
Succasunna, NJ
AERO50

Project Overview

Client Aero Environmental
PO Number
Project Name Mount Arlington Public 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 235 Howard Blvd
City Mount Arlington
State NJ
Zip 07856

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
MAPS-1	MAPS-SO-38	4/3/2025 6:15 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-2	MAPS-TL-8	4/3/2025 6:17 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-3	MAPS-MO-Nurse	4/3/2025 6:18 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-4	MAPS-FCBF-by Main Office-01	4/3/2025 6:20 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-5	MAPS-FCBF-by Main Office-02	4/3/2025 6:21 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-6	MAPS-KO-Kitchen-01	4/3/2025 6:23 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-7	MAPS-KO-Kitchen-02	4/3/2025 6:24 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-8	MAPS-FB-34	4/3/2025 6:26 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-9	MAPS-FB-32	4/3/2025 6:27 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-10	MAPS-FC-by Rm23-01	4/3/2025 6:29 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-11	MAPS-FC-by Rm23-02	4/3/2025 6:30 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-12	MAPS-FC-by Rm23-03	4/3/2025 6:31 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-13	MAPS-FC-Girls LockerRm	4/3/2025 6:34 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-14	MAPS-FB-APR	4/3/2025 6:36 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-15	MAPS-FCBF by Rm15-01	4/3/2025 6:37 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

AD K0685



AR49-2RXD-P43P

Sample ID	Sample Area	Date/Time Collected	Volume	Test Method	TAT	pH	Preservative	Additional Tests	Notes
MAPS-16	MAPS-FCBF by Rm15-02	4/3/2025 6:38 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-17	MAPS-FB-17	4/3/2025 6:39 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				
MAPS-18	MAPS-Field Blank	4/3/2025 6:42 AM	250 mL	C-Lead by ICP-MS EPA 200.8	2 Week				

M Berta

Sampled By / Date

4/3/2025 Relinquished By / Date

4/3/2025

M Berta

Monnelly (WT) 4/04/25 10am

Received (Lab) / Date

*HNO₃ preserved 0935
4/9/25*