



EnviroVision
Consultants, Inc.

20-21 Wagaraw Road – Bldg. 35E, Fair Lawn, NJ 07410
(973) 636-9145/Email:info@envirovisionconsultants.com
NJ DOH IEHA Lic.# 1097

CLIENT: Tenaflly Public Schools

Project Number 24-117

PROJECT: Lead in Drinking Water

Mackay Elementary School

ADDRESS: 111 Jefferson Avenue, Tenaflly, NJ 07670

Report Date: May 6, 2025

Field Technician: Cathy DiNardo

As per your request, EnviroVision Consultants, Inc. was contracted by Tenaflly School District to conduct Lead (Pb) in drinking water sampling at the Mackay Elementary School on April 15, 2025. The sample locations, in addition to unique sample location codes were determined / assigned by school district personnel. The school district performed the proper flushing of the outlets prior to sampling and EnviroVision was instructed to collect only first draw samples for this sampling event. The school district's corresponding flushing logs should be attached to this report.

The facility was closed at the time of sampling in order to prevent occupants from utilizing any water outlets. After flushing, the water in the facility must remain motionless in the plumbing fixtures for a minimum of 8 hours, but no more than 48 hours. Cold water samples were collected in pre-cleaned high-density polyethylene (HDPE) 250mL wide mouth bottles.

The sample was analyzed at EMSL Analytical, Inc. in Cinnaminson, New Jersey (NJDEP#03036), accredited in accordance with NELAC (National Environmental Laboratory Accreditation Conference). The analytical method utilized was inductively coupled plasma mass spectrometry ICP-MS (EPA 200.8).

Results: Eighteen samples were collected from Mackay Elementary School. All of the samples analyzed were either "None Detected" or less than the US EPA established threshold for lead in drinking water of 15 parts per billion (ppb or ug/L). In addition, a required blank was collected and analyzed for Quality Assurance purposes.

Should you have any questions, or if we could be of any further assistance, please feel free to contact our office. EnviroVision looks forward to providing you with the service and attention to detail you have come to expect from us.

Sincerely,
EnviroVision Consultants, Inc.

Cathy DiNardo

Cathy DiNardo, Project Manager

Attached: Lab results, associated data sheets

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012517587**LIMS Reference ID:** AD17587**EMSL Customer ID:** RAMA51**Attention:** Info

EnviroVision Consultants, Inc [RAMA51]
20-21 Wagaraw Rd, Bldg 35E
Fair Lawn, NJ 07410
(973) 636-9145
info@envirovisionconsultants.com

Project Name:

Mackay Elementary School / 111 Jefferson
Avenue, Tenafly, NJ 07670 / 24-117

Customer PO:**EMSL Sales Rep:****Received:****Reported:**

Sheryl Steinmetz

04/17/2025 09:00

05/01/2025 16:39

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: MMSWC5-F/Hall by Gym Lims Reference ID: AD17587-01 Matrix: Drinking Water Sampled: 04/15/25 13:09:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:15	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC5-BF/Hall by Gym Lims Reference ID: AD17587-02 Matrix: Drinking Water Sampled: 04/15/25 13:09:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:21	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC6-F/Hall by Gym Lims Reference ID: AD17587-03 Matrix: Drinking Water Sampled: 04/15/25 13:09:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:23	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC6-BF/Hall by Gym Lims Reference ID: AD17587-04 Matrix: Drinking Water Sampled: 04/15/25 13:09:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:25	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSS12/Nurse Lims Reference ID: AD17587-05 Matrix: Drinking Water Sampled: 04/15/25 13:12:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:27	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSB19/Rm 103 Lims Reference ID: AD17587-06 Matrix: Drinking Water Sampled: 04/15/25 13:20:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:32	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC31/Hall by 120 Lims Reference ID: AD17587-07 Matrix: Drinking Water Sampled: 04/15/25 13:22:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:34	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC30-F/Hall by 120 Lims Reference ID: AD17587-08 Matrix: Drinking Water Sampled: 04/15/25 13:25:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:36	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC30-BF/Hall by 120 Lims Reference ID: AD17587-09 Matrix: Drinking Water Sampled: 04/15/25 13:25:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:38	PL	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: 012517587**LIMS Reference ID:** AD17587**EMSL Customer ID:** RAMA51**Attention:** Info

EnviroVision Consultants, Inc [RAMA51]
20-21 Wagaraw Rd, Bldg 35E
Fair Lawn, NJ 07410
(973) 636-9145
info@envirovisionconsultants.com

Project Name:

Mackay Elementary School / 111 Jefferson
Avenue, Tenafly, NJ 07670 / 24-117

Customer PO:**EMSL Sales Rep:****Received:****Reported:**

Sheryl Steinmetz

04/17/2025 09:00

05/01/2025 16:39

Analytical Results**(Continued)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: MMSWC39-F/Hall by 211 Lims Reference ID: AD17587-10 Matrix: Drinking Water Sampled: 04/15/25 13:26:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:40	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC39-BF/Hall by 211 Lims Reference ID: AD17587-11 Matrix: Drinking Water Sampled: 04/15/25 13:26:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:42	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC40-F/Hall by 211 Lims Reference ID: AD17587-12 Matrix: Drinking Water Sampled: 04/15/25 13:26:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:47	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC40-BF/Hall by 211 Lims Reference ID: AD17587-13 Matrix: Drinking Water Sampled: 04/15/25 13:26:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:49	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMS38/2nd Floor Teachers Lounge Lims Reference ID: AD17587-14 Matrix: Drinking Water Sampled: 04/15/25 13:27:00									
Metals									
Lead	10.6	1	1.00		µg/L	04/28/25 13:23	04/29/25 17:06	JW1	EPA 200.8 (Dig)/EPA 200.8
Sample: MMSWC57-F/Hall by 220 Lims Reference ID: AD17587-15 Matrix: Drinking Water Sampled: 04/15/25 13:33:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:55	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC57-BF/Hall by 220 Lims Reference ID: AD17587-16 Matrix: Drinking Water Sampled: 04/15/25 13:33:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:57	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC58-F/Hall by 220 Lims Reference ID: AD17587-17 Matrix: Drinking Water Sampled: 04/15/25 13:33:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/28/25 23:59	PL	EPA 200.8 (DA)/EPA 200.8
Sample: MMSWC58-BF/Hall by 220 Lims Reference ID: AD17587-18 Matrix: Drinking Water Sampled: 04/15/25 13:33:00									
Metals									
Lead	ND	1	1.00		µg/L	04/25/25 17:19	04/29/25 00:01	PL	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: 012517587**LIMS Reference ID:** AD17587**EMSL Customer ID:** RAMA51**Attention:** Info

EnviroVision Consultants, Inc [RAMA51]
20-21 Wagaraw Rd, Bldg 35E
Fair Lawn, NJ 07410
(973) 636-9145
info@envirovisionconsultants.com

Project Name:

Mackay Elementary School / 111 Jefferson
Avenue, Tenafly, NJ 07670 / 24-117

Customer PO:**EMSL Sales Rep:**

Sheryl Steinmetz

Received:

04/17/2025 09:00

Reported:

05/01/2025 16:39

Analytical Results**(Continued)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: MMS-B/Blank Lims Reference ID: AD17587-19 Matrix: Drinking Water Sampled: 04/15/25 13:35:00									
Metals									
Lead	ND		1	1.00	µg/L	04/25/25 17:19	04/29/25 00:03	PL	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: 012517587**LIMS Reference ID:** AD17587**EMSL Customer ID:** RAMA51**Attention:** Info

EnviroVision Consultants, Inc [RAMA51]
20-21 Wagaraw Rd, Bldg 35E
Fair Lawn, NJ 07410
(973) 636-9145
info@envirovisionconsultants.com

Project Name:

Mackay Elementary School / 111 Jefferson
Avenue, Tenafly, NJ 07670 / 24-117

Customer PO:**EMSL Sales Rep:**

Sheryl Steinmetz

Received:

04/17/2025 09:00

Reported:

05/01/2025 16:39

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	American Industrial Hygiene Association (AIHA LAP, LLC)	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: 012517587**LIMS Reference ID:** AD17587**EMSL Customer ID:** RAMA51**Attention:** Info

EnviroVision Consultants, Inc [RAMA51]
20-21 Wagaraw Rd, Bldg 35E
Fair Lawn, NJ 07410
(973) 636-9145
info@envirovisionconsultants.com

Project Name:

Mackay Elementary School / 111 Jefferson
Avenue, Tenafly, NJ 07670 / 24-117

Customer PO:**EMSL Sales Rep:**

Sheryl Steinmetz

Received:

04/17/2025 09:00

Reported:

05/01/2025 16:39

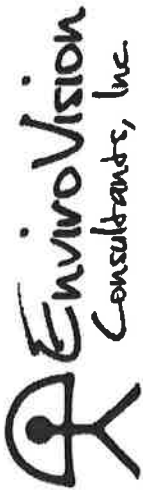
Notes and Definitions

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.



AD17587

20-21 Wagaraw Road - Bldg. 35E, Fair Lawn, NJ 07410
(973) 636-9145 / info@envirovisionconsultants.com
NJDOH IHEA Lic #: 1097

CLIENT	Tenafly Public Schools	ADDRESS	500 Tenafly Road, Tenafly NJ 07670
PROJECT	Mackay Elementary School	ADDRESS	111 Jefferson Avenue, Tenafly NJ 07670
TECH(s)	C. DiNardo	SAMPLING DATE	4/15/25
		PROJ #	24-117

LEAD IN DRINKING WATER DATA SHEET

SAMPLE ID	Date/Time Collected	SAMPLE LOCATION	OBSERVATIONS
NMSWC5-F	4/15/25 109pm	Hall By Gym	
NMSWC5-BF	4/15/25 109pm	Hall By Gym	
NMSWC6-F	4/15/25 109pm	Hall By Gym	
NMSWC6-BF	4/15/25 109pm	Hall By Gym	
NMSB12	4/15/25 112pm	nurse	
NMSB19	4/15/25 120pm	Rm 103	Fountain
NMSWC31	4/15/25 122pm	Hall By 120	Stimulabue Fountain
NMSWC30-F	4/15/25 125pm	Hall By 120	
NMSWC30-BF	4/15/25 125pm	Hall By 120	
NMSWC39-F	4/15/25 126pm	Hall By 211	

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
CDinardo	APomuly (w)	4/17/25 0900

ANALYSIS:

☒ Unpreserved, via EPA 200.8 ICP-MS

(0.001mg/L (ppm))

☐ Preserved with HNO₃, via EPA 200.8 ICP-MS

(0.001 mg/L (ppm))

Matrix: Drinking Water, Sample Type: Grab

Sample(s) Temperature Upon Receipt (Lab Only):

Bottle Size: 250 mL, wide mouth

TURNAROUND TIME 2 DAYS / WEEKS

EMAIL RESULTS TO

info@envirovisionconsultants.com

LABORATORY
SUBMITTED TO:

LAB ORDER #

PAGE 1 OF 2



AD 17587

CLIENT	Tenafly Public Schools	ADDRESS	500 Tenafly Road, Tenafly NJ 07670
PROJECT	Mackay Elementary School	ADDRESS	111 Jefferson Avenue, Tenafly NJ 07670
TECH(s)	C. DiNardo	SAMPLING DATE	4/15/25
		PROJ #	24-117

LEAD IN DRINKING WATER DATA SHEET

[illegible]