



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: Lead in Drinking Water
ADDRESS: 101 Downey Drive, Tenaflly, NJ 07670
Field Technician: Cathy DiNardo

Project Number 24-117
Smith Elementary School
Report Date: May 6, 2025

As per your request, EnviroVision Consultants, Inc. was contracted by Tenaflly School District to conduct Lead (Pb) in drinking water sampling at the Smith 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).

Seven samples were collected from Smith Elementary School. In addition, a required blank was collected and analyzed for Quality Assurance purposes.

Results: Five of the samples analyzed were either "None Detected" or less than the EPA established threshold for lead in drinking water. However, two of the samples were above the allowable limit established by the United States Environmental Protection Agency (US EPA) of 15 parts per billion (ppb) or ug/L.

When a water outlet/faucet meets or exceeds the US EPA threshold, EnviroVision recommends that the outlet/faucet be put out of service until the system can be further evaluated and proper remedial action is achieved.

SMITH ELEMENTARY SCHOOL - LEAD (Pb) in Water Results of Concern

Outlet ID/Sample Number	Location	Results
JSS S1	Kitchen Sink	22.3 ppb
JSS S44	Faculty Lounge Sink	57.9 ppb

Note* 1ppb = 1ug/L

Due to the elevated levels in the above-mentioned outlets, we recommend that some or all of the following steps be taken at this time.

- Closure of the affected water outlet(s) until the system can be further evaluated and proper remedial action is achieved.
- Removal and replacement with non-lead containing fixtures.
- Installation of filtration systems.
- Development of a Flushing Program for those taps high in lead and turbidity (this may include automatic flushing systems).
- Contact the local water utility company to obtain information about their corrosion control procedures and how it might affect the District's control plans.
- Permanent closure of outlet(s).

Once the remedial action(s) are complete, follow up testing is required to ensure alterations/replacement to plumbing fixtures has lowered the amount of lead to acceptable levels.

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: 012517540
LIMS Reference ID: AD17540
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:

24-117 / Smith Elementary School / 101
Downey Drive, Tenafly, NJ 07670

Customer PO:**EMSL Sales Rep:**

Sheryl Steinmetz

Received:

04/17/2025 09:00

Reported:

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: JSS S1/Kitchen Sink									
Lims Reference ID:			AD17540-01		Matrix: Drinking Water			Sampled: 04/15/25 12:29:00	
Metals									
Lead	22.3	1	1.00	µg/L	04/25/25 17:13	04/29/25 01:22	JW1	EPA 200.8 (DA)/EPA 200.8	
Sample: JSS S44/Faculty Lounge - Sink									
Lims Reference ID:			AD17540-02		Matrix: Drinking Water			Sampled: 04/15/25 12:31:00	
Metals									
Lead	57.9	1	1.00	µg/L	04/25/25 17:13	04/29/25 01:24	JW1	EPA 200.8 (DA)/EPA 200.8	
Sample: JSS WC63/Hall by Room 21 - Stand Alone									
Lims Reference ID:			AD17540-03		Matrix: Drinking Water			Sampled: 04/15/25 12:40:00	
Metals									
Lead	ND	1	1.00	µg/L	04/25/25 13:05	04/29/25 01:54	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: JSS WC64-F/Hall by Room 21									
Lims Reference ID:			AD17540-04		Matrix: Drinking Water			Sampled: 04/15/25 12:40:00	
Metals									
Lead	ND	1	1.00	µg/L	04/25/25 13:05	04/29/25 01:56	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: JSS WC64-BF/Hall by Room 21									
Lims Reference ID:			AD17540-05		Matrix: Drinking Water			Sampled: 04/15/25 12:40:00	
Metals									
Lead	ND	1	1.00	µg/L	04/25/25 13:05	04/29/25 02:02	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: JSS WC28-F/Hall by Room 16									
Lims Reference ID:			AD17540-06		Matrix: Drinking Water			Sampled: 04/15/25 12:46:00	
Metals									
Lead	ND	1	1.00	µg/L	04/25/25 13:05	04/29/25 02:04	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: JSS WC28-BF/Hall by Room 16									
Lims Reference ID:			AD17540-07		Matrix: Drinking Water			Sampled: 04/15/25 12:46:00	
Metals									
Lead	ND	1	1.00	µg/L	04/25/25 13:05	04/29/25 02:05	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: JSS - B/Blank									
Lims Reference ID:			AD17540-08		Matrix: Drinking Water			Sampled: 04/15/25 12:48:00	
Metals									
Lead	ND	1	1.00	µg/L	04/25/25 13:05	04/29/25 02:07	PL	EPA 200.8 (DA)/EPA 200.8	

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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	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.

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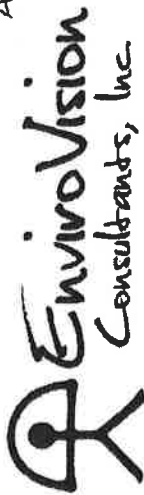
Notes and Definitions

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.



AD 17540

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	Smith Elementary School	ADDRESS	101 Downey Drive, 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
JSS S1	4/15/25 1229	Kitchen sink	
JSS S44	4/15/25 1231	Faculty lounge - sink	
JSS WC63	4/15/25 1240	Hall By Room 21 - standard	
JSS WC64-F	4/15/25 1240	Hall By Room 21	
JSS WC64-BF	4/15/25 1240	Hall By Room 21	
JSS WC28-F	4/15/25 1246	Hall By Room 16	
JSS WC28-BF	4/15/25 1246	Hall By Room 16	
JSS - B	4/15/25 1248	Blank	

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
C. DiNardo	Shoreline (WT)	4/17/25 0900

ANALYSIS:

☒ Unpreserved, via EPA 200.8 ICP-MS
(0.001 mg/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 1

HNO₃ added @ 1:39 pm on 4/17/25 PG