



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

CLIENT: Demarest Public Schools

PROJECT NUMBER 24-139

PROJECT: Lead (Pb) in Water Sampling

SITE: Demarest Middle School

ADDRESS: 568 Piermont Road, Demarest, NJ 07627

TECHNICIAN: Jordan Pryske

REPORT DATE: 10/22/24

As per your request, EnviroVision Consultants, Inc. was contracted by the Demarest School District to conduct Lead (Pb) in drinking water sampling at the Demarest Middle School on October 3, 2024. The sample locations, in addition to a unique sample location code was determined/assigned by school district personnel. The school district performed the proper flushing of 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.

Samples were 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).

Eighteen samples were collected from the Demarest Middle School. A blank sample was also taken and analyzed as required.

Results: All of the samples analyzed were either "None Detected" or less than the United States Environmental Protection Agency (USEPA) established threshold for lead in drinking water of 15 parts per billion (ppb or 15 ug/L). When a water outlet/faucet meets or exceeds the USEPA threshold, EnviroVision recommends that the outlet/faucet be immediately put out of service until the system can be further evaluated and proper remedial action is achieved.

Note: 1ppb = 1ug/L



Page 2 (Demarest Middle School)

Project Number 24-139

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:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012433048
LIMS Reference ID: AC33048
EMSL Customer ID: RAMA51

Attention: Results

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

Project Name:

Demarest Board of Education / Demarest
Middle School / 568 Piermont Rd / Demarest,
NJ / 24-139

Customer PO:

EMSL Sales Rep:

Gary Perlmutter

Received:

10/04/2024 09:00

Reported:

10/18/2024 16:22

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: DM01/Kitchen (Sink) Lims Reference ID: AC33048-01 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	2.41		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:06	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM02/Hallway Cafeteria (Fountain) Lims Reference ID: AC33048-02 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:11	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM02BF/Hallway Cafeteria (Bottle Filler) Lims Reference ID: AC33048-03 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 17:12	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM03/Hall by 116 (Fountain) Lims Reference ID: AC33048-04 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	2.82		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:15	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM05/Hall by 107 (Fountain) Lims Reference ID: AC33048-05 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:17	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM05BF/Hall by 107 (Bottle Filler) Lims Reference ID: AC33048-06 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:23	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM06/PE Office Left (Fountain) Lims Reference ID: AC33048-07 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:25	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM07/PE Office Right (Fountain) Lims Reference ID: AC33048-08 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:27	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM08/Hall by 212 Left (Fountain) Lims Reference ID: AC33048-09 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:29	PL	EPA 200.8 (DA)/EPA 200.8

**EMSL Analytical, Inc.**

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Gary Perlmutter

EMSL Sales Rep:**Received:**

10/04/2024 09:00

Reported:

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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: DM09/Hall by 212 Right (Fountain) Lims Reference ID: AC33048-10 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:31	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM10/Hall by 207 (Fountain) Lims Reference ID: AC33048-11 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:33	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM10BF/Hall by 207 (Bottle Filler) Lims Reference ID: AC33048-12 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:39	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM11/Teacher's Lounge (Sink) Lims Reference ID: AC33048-13 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:41	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM12/Nurse (Sink) Lims Reference ID: AC33048-14 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:47	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM04/Hall by 113 (Fountain) Lims Reference ID: AC33048-15 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:49	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM04BF/Hall by 113 (Bottle Filler) Lims Reference ID: AC33048-16 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:51	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM13/CST (Sink) Lims Reference ID: AC33048-17 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:53	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DM14/BOE Office (Sink) Lims Reference ID: AC33048-18 Matrix: Drinking Water Sampled: 10/03/24 00:00:00									
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:55	PL	EPA 200.8 (DA)/EPA 200.8



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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: DM-Blank/Blank									
Lims Reference ID: AC33048-19						Matrix: Drinking Water		Sampled: 10/03/24 00:00:00	
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:18	10/17/24 16:57	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	68-00367	11/30/2024
NYSDOH	New York State Department of Health	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	01/01/2025
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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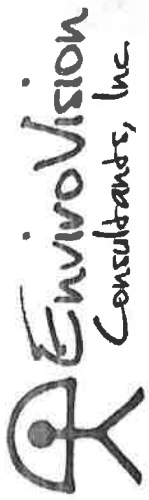
Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
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
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.



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 NJDOH IHEA Lic #: 1097

AC 33048

CLIENT	Demarest Board of Education	ADDRESS	568 Piermont Rd, Demarest, NJ 07627
PROJECT	Demarest Middle School	ADDRESS	568 Piermont Rd, Demarest, NJ 07627
TECH	Jordan Pryske	SAMPLING DATE	10/3/24
		PROJ #	24-139

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
DM01	10/3/24 0846	Kitchen (Sink)	
DM02	10/3/24 0849	Hall by Cafeteria (Fountain)	
DM02BF	10/3/24 0851	Hall by Cafeteria (Bottle Filler)	
DM03	10/3/24 0852	Hall by 116 (Fountain)	
DM05	10/3/24 0855	Hall by 107 (Fountain)	
DM05BF	10/3/24 0856	Hall by 107 (Bottle Filler)	
DM06	10/3/24 0858	PE office left (Fountain)	
DM07	10/3/24 0900	PE office right (Fountain)	
DM08	10/3/24 0902	Hall by 210 Left (Fountain)	
DM09	10/3/24 0904	Hall by 210 Right (Fountain)	

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
J. Pryske	[Signature] (WI)	10.3.24 @ 11:34 AM
	CPX 10/3/24 7:55pm	
	Shennedy 10/04/24 9am	

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

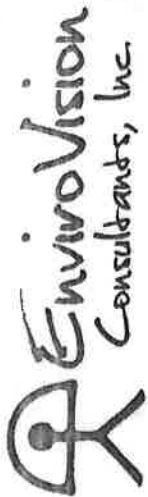
EMAIL RESULTS TO info@envirovisionconsultants.com

PAGE 1 OF 2 Preserved 10:17
 Preserved 12:30

LABORATORY SUBMITTED TO:	
LAB ORDER #	

AC 33048

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NJDOH IHEA Lic #: 1097



CLIENT Demarest Board of Education
PROJECT Demarest Middle School
TECH Jordan Pryske

ADDRESS 568 Piermont Rd, Demarest, NJ 07627
ADDRESS 568 Piermont Rd, Demarest, NJ 07627
SAMPLING DATE 10 / 3 / 24 PROJ # 24-139

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
DM10	10/3/24 0905	Hall by 207 (Fountain)	
DM10BF	10/3/24 0906	Hall by 207 (Bottle Filler)	
DM11	10/3/24 0908	Teachers Lounge (Sink)	
DM12	10/3/24 0910	Nurse (Sink)	
DM14	10/3/24 0912	Hall by 113 (Fountain)	
DM14BF	10/3/24 0913	Hall by 113 (Bottle Filler)	
DM13	10/3/24 0915	CST (Sink)	
DM14	10/3/24 0917	BoE Office (Sink)	
DM-Blank	10/3/24 0920	Blank	