



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: County Road Elementary School

ADDRESS: 130 County 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 water sampling at the County Road Elementary 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).

Nineteen samples were collected from the County Road Elementary 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



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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: 012433080

LIMS Reference ID: AC33080

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:

Demarest Board of Education / County Road
School / 24-139

Customer PO:

EMSL Sales Rep:

Gary Perlmutter

Received:

10/04/2024 09:00

Reported:

10/18/2024 16:23

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: CR01/Hall by Main Office (Fountain) Lims Reference ID: AC33080-01 Matrix: Drinking Water Sampled: 10/03/24 09:34:00									
Metals									
Lead	ND	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:33	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR01BF/Hall by Main Office (Bottle Filler) Lims Reference ID: AC33080-02 Matrix: Drinking Water Sampled: 10/03/24 09:35:00									
Metals									
Lead	ND	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:39	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR09/Kitchen (Sink) Lims Reference ID: AC33080-03 Matrix: Drinking Water Sampled: 10/03/24 09:38:00									
Metals									
Lead	2.10	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:41	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR03/Room A (Bubbler) Lims Reference ID: AC33080-04 Matrix: Drinking Water Sampled: 10/03/24 09:42:00									
Metals									
Lead	4.54	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:43	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR05/Room C (Bubbler) Lims Reference ID: AC33080-05 Matrix: Drinking Water Sampled: 10/03/24 09:45:00									
Metals									
Lead	ND	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:45	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR12/Room H (Bubbler) Lims Reference ID: AC33080-06 Matrix: Drinking Water Sampled: 10/03/24 09:48:00									
Metals									
Lead	3.94	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:51	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR02/Room K/Kindergarten (Bubbler) Lims Reference ID: AC33080-07 Matrix: Drinking Water Sampled: 10/03/24 09:54:00									
Metals									
Lead	2.19	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:53	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR10/Nurse (Sink) Lims Reference ID: AC33080-08 Matrix: Drinking Water Sampled: 10/03/24 09:57:00									
Metals									
Lead	1.15	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:55	PL	EPA 200.8 (DA)/EPA 200.8	
Sample: CR13L/Hall by Rm 115 (Left Fountain) Lims Reference ID: AC33080-09 Matrix: Drinking Water Sampled: 10/03/24 10:02:00									
Metals									
Lead	ND	1	1.00	µg/L	10/16/24 17:21	10/17/24 13:57	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: CR13R/Hall by Rm 115 (Right Fountain) Lims Reference ID: AC33080-10 Matrix: Drinking Water Sampled: 10/03/24 10:03:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 13:58	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR13BF/Hall by Room 115 (Bottle Filler) Lims Reference ID: AC33080-11 Matrix: Drinking Water Sampled: 10/03/24 10:04:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:00	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR14/Room 100 (Fountain) Lims Reference ID: AC33080-12 Matrix: Drinking Water Sampled: 10/03/24 10:07:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:06	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR14BF/Room 120 (Bottle Filler) Lims Reference ID: AC33080-13 Matrix: Drinking Water Sampled: 10/03/24 10:08:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:08	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR15/Room 117 (Fountain) Lims Reference ID: AC33080-14 Matrix: Drinking Water Sampled: 10/03/24 10:10:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:25	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR15BF/Room 117 (Bottle Filler) Lims Reference ID: AC33080-15 Matrix: Drinking Water Sampled: 10/03/24 10:11:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:27	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR16/Room 119 (Fountain) Lims Reference ID: AC33080-16 Matrix: Drinking Water Sampled: 10/03/24 10:12:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:29	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR16BF/Room 119 (Bottle Filler) Lims Reference ID: AC33080-17 Matrix: Drinking Water Sampled: 10/03/24 10:13:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:31	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR17/Room 118 (Fountain) Lims Reference ID: AC33080-18 Matrix: Drinking Water Sampled: 10/03/24 10:14:00									
Metals									
Lead	ND	1	1.00		µg/L	10/16/24 17:21	10/17/24 14:33	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: CR17BF/Room 118 (Bottle Filler)									
Lims Reference ID: AC33080-19 Matrix: Drinking Water						Sampled: 10/03/24 10:15:00			
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:21	10/17/24 14:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: CR Blank/Blank									
Lims Reference ID: AC33080-20 Matrix: Drinking Water						Sampled: 10/03/24 10:20:00			
Metals									
Lead	ND		1	1.00	µg/L	10/16/24 17:21	10/17/24 14:37	PL	EPA 200.8 (DA)/EPA 200.8



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Certified Analyses included in this Report

Analyte	Certifications
EPA 200.8 in Drinking Water	
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

<u>Item</u>	<u>Definition</u>
(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

AC33080

CLIENT	Demarest Board of Education	ADDRESS	568 Piermont Rd, Demarest, NJ 07627
PROJECT	County Road School	ADDRESS	130 County Rd, Demarest, NJ 07627
TECH	Jordan Prysko	SAMPLING DATE	10/3/24
		PROJ #	24-139

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
CR01	10/3/24 0934	Hall by Main Office (Fountain)	
CR01BF	10/3/24 0935	Hall by Main Office (Bottle Filler)	
CR09	10/3/24 0938	Kitchen (Smk)	
CR03	10/3/24 0942	Room A (Bubbler)	
CR05	10/3/24 0945	Room C (Bubbler)	
CR12	10/3/24 0948	Room H (Bubbler)	
CR02	10/3/24 0951	Room K/Kindergarten (Bubbler)	
CR10	10/3/24 0957	Nurse (Smk)	
CR13L	10/3/24 1002	Hall by Rm 115 (left Fountain)	
CR13R	10/3/24 1003	Hall by Rm 115 (right Fountain)	

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
J. Prysko	[Signature] (WT)	10.3.24 10:34 AM
	[Signature]	10-3-24 1905
	[Signature]	10/3/24 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 12:15

LABORATORY SUBMITTED TO:	Envsl
LAB ORDER #	



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AC33080

CLIENT	Demarest Board of Education	ADDRESS	568 Piermont Rd, Demarest, NJ 07627
PROJECT	County Road School	ADDRESS	130 County Rd, Demarest, NJ 07627
TECH	Jordan Prysko	SAMPLING DATE	10 / 3 / 24
		PROJ #	24-139

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
CR 13 BF	10/3/24 10:04	Hall by Rm 115 (Bottle Filler)	
CR 14	10/3/24 10:07	Room 120 (Fountain)	
CR 14BF	10/3/24 10:08	Room 120 (Bottle Filler)	
CR 15	10/3/24 10:10	Room 117 (Fountain)	
CR 15BF	10/3/24 10:11	Room 117 (Bottle Filler)	
CR 16	10/3/24 10:12	Room 119 (Fountain)	
CR 16BF	10/3/24 10:13	Room 119 (Bottle Filler)	
CR 17	10/3/24 10:14	Room 118 (Fountain)	
CR 17 BF	10/3/24 10:15	Room 118 (Bottle Filler)	
CR-BLANK	10/3/24 10:20	Blank	