



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

CLIENT: Scotch Plains – Fanwood School District Project No. 24-130
PROJECT: Lead (Pb) in Water Sampling High School
ADDRESS: 667 Westfield Rd, Scotch Plains, NJ 07076
FIELD TECHNICIAN(S) Jordan Pryske
REPORT DATE: August 27, 2024

As per your request, EnviroVision Consultants, Inc. was contracted by Scotch Plains – Fanwood School District to conduct Lead (Pb) in drinking water sampling at the Scotch Plains – Fanwood High School on August 6, 2024. The sample locations, in addition to a unique sample location code was determined/assigned by school district personnel. The school district was to perform 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).

Thirteen samples were collected from Scotch Plains – Fanwood High School. A blank sample was also collected and analyzed as required.

Results: All of the samples analyzed were either "None Detected" or less than the EPA established threshold for lead in drinking water of 15 parts per billion (ppb). The action level has been further defined for compliance by the New Jersey Department of Environmental Protection Agency as an amount greater than or equal to 15.5 ug/L (1ug/L = 1ppb). When a water outlet/faucet meets or exceeds the USEPA/NJDEP 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.



Page 2 (High School)

Project Number 24-130

Any water outlet used for drinking, food preparation, etc. that has not been tested, must be sampled prior to being utilized and/or put back into service. If 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: 012426017**LIMS Reference ID:** AC26017**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:

Scotch Plains Board of Education / Fanwood
High School

Customer PO:**EMSL Sales Rep:**

Gary Perlmutter

Received:

08/07/2024 09:00

Reported:

08/22/2024 14:12

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
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Sample: HS.WC.FL-1-163.2-BF/Hall at 163

Lims Reference ID: AC26017-01 Matrix: Drinking Water

Sampled: 08/06/24 08:09:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 03:52	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.CS.FL-1-Trainer/Athlete Trainers Room

Lims Reference ID: AC26017-02 Matrix: Drinking Water

Sampled: 08/06/24 08:17:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 04:00	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.WC.FL-1-1B-Locker2-BF/Boys Locker Room

Lims Reference ID: AC26017-03 Matrix: Drinking Water

Sampled: 08/06/24 08:23:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 04:02	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.WC.FL-1-147-BF/Weight Room 147

Lims Reference ID: AC26017-04 Matrix: Drinking Water

Sampled: 08/06/24 08:27:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 04:05	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.WC.FL-1G-Locker1-BF/Girls Locker Room

Lims Reference ID: AC26017-05 Matrix: Drinking Water

Sampled: 08/06/24 08:32:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 04:07	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.WC.FL-1G-Locker3-BF/Outside Girls Locker Room

Lims Reference ID: AC26017-06 Matrix: Drinking Water

Sampled: 08/06/24 08:35:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 04:15	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.WC.FL-1-1MO-1BF/Hall at Main Office

Lims Reference ID: AC26017-07 Matrix: Drinking Water

Sampled: 08/06/24 08:40:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 04:17	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.WC.FL-1-111-1BF/Hall at 111

Lims Reference ID: AC26017-08 Matrix: Drinking Water

Sampled: 08/06/24 08:44:00

Metals

Lead	ND	1	1.00	µg/L	08/16/24 11:13	08/21/24 04:20	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: HS.WC.FL-2-268-BF/Hall at 268

Lims Reference ID: AC26017-09 Matrix: Drinking Water

Sampled: 08/06/24 08:51:00

Metals

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08/22/2024 14:12

Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: HS.WC.FL-2-268-BF/Hall at 268 (Continued) Lims Reference ID: AC26017-09 Matrix: Drinking Water Sampled: 08/06/24 08:51:00									
Metals (Continued)									
Lead	ND		1	1.00	µg/L	08/16/24 11:13	08/21/24 04:22	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS.WC.FL-2-Supervisors/Supervisors Conference Room Lims Reference ID: AC26017-10 Matrix: Drinking Water Sampled: 08/06/24 08:58:00									
Metals									
Lead	1.22		1	1.00	µg/L	08/16/24 11:13	08/21/24 04:25	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS.WC.FL-2-Super-BF/Supervisors Conference Room Lims Reference ID: AC26017-11 Matrix: Drinking Water Sampled: 08/06/24 09:02:00									
Metals									
Lead	ND		1	1.00	µg/L	08/16/24 11:13	08/21/24 04:27	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS.WC.FL-2-202-1-BF/Hall at 202 Lims Reference ID: AC26017-12 Matrix: Drinking Water Sampled: 08/06/24 09:04:00									
Metals									
Lead	ND		1	1.00	µg/L	08/16/24 11:13	08/21/24 04:35	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS.WC.FL-2-214-1-BF/Hall at 214 Lims Reference ID: AC26017-13 Matrix: Drinking Water Sampled: 08/06/24 09:06:00									
Metals									
Lead	ND		1	1.00	µg/L	08/16/24 11:13	08/21/24 04:37	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: HS-Blank/Blank Lims Reference ID: AC26017-14 Matrix: Drinking Water Sampled: 08/06/24 09:15:00									
Metals									
Lead	ND		1	1.00	µg/L	08/16/24 11:13	08/21/24 04:45	JW1	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	06/30/2024
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2024
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2024
California ELAP	California Water Boards	1877	06/30/2024
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2024

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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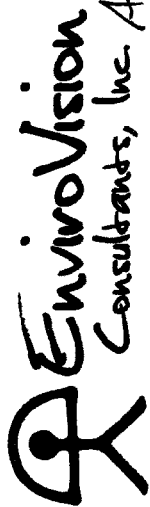
Notes and Definitions

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

AC2607

CLIENT	Scotch Plains Board of Education	ADDRESS	512 Cedar Street, Scotch Plains, NJ 07076
PROJECT	Scotch Plains - Fanwood High School	ADDRESS	667 Westfield Rd, Scotch Plains, NJ 07076
TECH	Jordan Prysko	SAMPLING DATE	8/6/24
		PROJ #	24-130

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
HS.WC.FL-1-103-2-BF	8/6/24 0809	Hall at 163	Bottle Filler Only
HS.CS.FL-1-103-2-BF	8/6/24 0817	Athletic Trainers Room	Smk
HS.WC.FL-1-103-2-BF	8/6/24 0823	Boys Locker Room	Bottle Filler Only (New)
HS.WC.FL-1-147-BF	8/6/24 0827	Weight Room (147)	Bottle Filler Only
HS.WC.FL-1-103-2-BF	8/6/24 0832	Girls Locker Room	Bottle Filler Only (New)
HS.WC.FL-1-103-2-BF	8/6/24 0835	Outside Girls Locker Room	Bottle Filler (Fountains Out of Service)
HS.WC.FL-1-103-2-BF	8/6/24 0840	Hall at Main Office	Bottle Filler (Fountains Out of Service)
HS.WC.FL-1-111-BF	8/6/24 0844	Hall at 111	Bottle Filler (Fountain Out of Service)
HS.WC.FL-1-208-BF	8/6/24 0851	Hall at 208	Bottle Filler Only (New)
HS.TL.FL-2-Superintendents	8/6/24 0858	Superintendents Conference Room	Smk

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
J. Prysko 8/6/24	[Signature] (WJ)	8.6.24 @ 1220 PM
	[Signature] 8/6/24	8.6.24 @ 1220 PM

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):

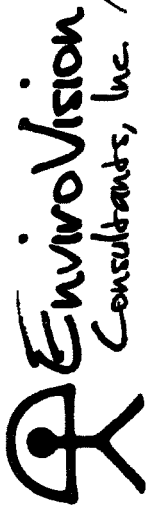
Bottle Size: 250 mL, wide mouth

TURNAROUND TIME 2 DAYS / WEEKS

EMAIL RESULTS TO info@envirovisionconsultants.com

LABORATORY SUBMITTED TO:	FMS
LAB ORDER #	

Preserved 8.7 17:00



Consultants, Inc. AC26x17

CLIENT	<u>Scotch Plains Board of Education</u>	ADDRESS	<u>512 Cedar Street, Scotch Plains, NJ 07076</u>
PROJECT	<u>Scotch Plains – Fanwood High School</u>	ADDRESS	<u>667 Westfield Rd, Scotch Plains, NJ 07076</u>
TECH	Jordan Prysko	SAMPLING DATE	8/6/24
			Jordan Prysko

LEAD IN DRINKING WATER DATA SHEET

[illegible]