



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

CLIENT: Saddle Brook School District	Project Number 25-002
PROJECT: Lead in Drinking Water	High School/Middle School
ADDRESS: 355 Mayhill St, Saddle Brook, NJ 07663	Report Date: May 12, 2025
<u>Field Technician: Leonardo Bitondo</u>	

As per your request, EnviroVision Consultants, Inc. was contracted by the Saddle Brook School District to conduct Lead (Pb) in drinking water sampling at the Saddle Brook High School/Middle School on April 18, 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: Thirteen of the samples analyzed were either "None Detected" or less than the EPA established threshold for lead in drinking water. However, one of the samples was above the allowable limit established by the United States Environmental Protection Agency (US EPA) of 15 parts per billion (ppb) or ug/L. In addition, a required blank was collected for Quality Assurance purposes.

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.

**SADDLE BROOK HIGH SCHOOL/MIDDLE SCHOOL - LEAD (Pb) in Water
Results of Concern**

Outlet ID/Sample Number	Location	Results
SBHSS1	Kitchen Sink	17.6 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: 012518894
LIMS Reference ID: AD18894
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:

Saddle Brook High/Middle School / 355 Mayhill
 Street, Saddle Brook, NJ 07663 / 25-002

Customer PO:**EMSL Sales Rep:**

Sheryl Steinmetz

Received:

04/24/2025 09:00

Reported:

05/08/2025 15:58

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: SBHSS5/Nurse's Office Lims Reference ID: AD18894-01 Matrix: Drinking Water Sampled: 04/18/25 08:04:00									
Metals									
Lead	3.11		1	1.00	µg/L	05/06/25 12:47	05/07/25 02:30	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSF14/Hall by Nurse's Office - BF Lims Reference ID: AD18894-02 Matrix: Drinking Water Sampled: 04/18/25 08:05:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:47	05/07/25 02:33	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSF14WB/Hall by Nurse's Office Lims Reference ID: AD18894-03 Matrix: Drinking Water Sampled: 04/18/25 08:06:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:47	05/07/25 02:35	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSF6/Hall by Cafe B - BF Lims Reference ID: AD18894-04 Matrix: Drinking Water Sampled: 04/18/25 08:21:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:47	05/07/25 02:37	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSF6WB/Hall by Cafe B Lims Reference ID: AD18894-05 Matrix: Drinking Water Sampled: 04/18/25 08:22:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:47	05/07/25 02:39	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSS1/Kitchen Sink Lims Reference ID: AD18894-06 Matrix: Drinking Water Sampled: 04/18/25 08:25:00									
Metals									
Lead	17.6		1	1.00	µg/L	05/06/25 12:47	05/07/25 02:42	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSS2/Kitchen Sink Lims Reference ID: AD18894-07 Matrix: Drinking Water Sampled: 04/18/25 08:26:00									
Metals									
Lead	1.00		1	1.00	µg/L	05/06/25 12:47	05/07/25 02:44	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSS3/Kitchen Sink Lims Reference ID: AD18894-08 Matrix: Drinking Water Sampled: 04/18/25 08:27:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:51	05/06/25 21:43	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSS4/Kitchen Sink Lims Reference ID: AD18894-09 Matrix: Drinking Water Sampled: 04/18/25 08:28:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:51	05/06/25 21:50	JW1	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: SBHSF7/Cafe B Lims Reference ID: AD18894-10 Matrix: Drinking Water Sampled: 04/18/25 08:29:00									
Metals									
Lead	1.60		1	1.00	µg/L	05/06/25 12:51	05/06/25 21:52	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSIM1/Trainers Office Ice Machine Lims Reference ID: AD18894-11 Matrix: Drinking Water Sampled: 04/18/25 08:32:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:51	05/06/25 21:54	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSF20/Hallway by Room 203 - BF Lims Reference ID: AD18894-12 Matrix: Drinking Water Sampled: 04/18/25 08:40:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:51	05/06/25 21:57	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSF20WB/Hallway by Room 203 Lims Reference ID: AD18894-13 Matrix: Drinking Water Sampled: 04/18/25 08:41:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:51	05/06/25 22:04	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: SBHSAB-1/District Office by Men's and Women's BR - BF Lims Reference ID: AD18894-14 Matrix: Drinking Water Sampled: 04/18/25 08:50:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:51	05/06/25 22:06	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: Blank Lims Reference ID: AD18894-15 Matrix: Drinking Water Sampled: 04/18/25 08:52:00									
Metals									
Lead	ND		1	1.00	µg/L	05/06/25 12:51	05/06/25 22:08	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	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.



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CLIENT	Saddle Brook School District	ADDRESS	355 Mayhill Street, Saddle Brook, NJ 07663
PROJECT	Saddle Brook High School/Middle School	ADDRESS	355 Mayhill Street, Saddle Brook, NJ 07663
TECH	levi b. bender	SAMPLING DATE	4 / 18 / 2025
		PROJ #	25-002

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
SBHSS5	804 4/18/25	Nurses office	
SBHSSF14	805	Hall by nurses office	BF
SBHSSF14WB	806	" "	
SBHSSF6	821	Hallway by Cafe B	BF
SBHSSF6WB	822	" "	
SBHSSF1	825	Kitchen sink	
SBHSSF2	826	Kitchen sink	
SBHSSF3	827	Kitchen sink	
SBHSSF4	828	Kitchen sink	
SBHSSF7	829	Cafe B	
SBHSSIM1	832	Trainers office Ice Machine	BF
SBHSSF20	840	Hallway by Room 203	

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
	CPG 4/29/25 0155 PM	
	Spornuly (CP)	4/24/25 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 WEEKS

EMAIL RESULTS TO _____ | info@envirovisionconsultants.com

LABORATORY SUBMITTED TO:	
LAB ORDER #	

HNO₃ added @ 2:25 pm on 4/29/25
D.C.



LEAD IN DRINKING WATER DATA SHEET

CHAIN OF CUSTODY

PAGE 6 OF 6

LABORATORY SUBMITTED TO:	
LAB ORDER #	