



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

CLIENT: Springfield Public Schools

Project Number 24-114

PROJECT: Lead (Pb) in Water Sampling

Jonathan Dayton High School

ADDRESS: 139 Mountain Avenue, Springfield NJ 07081

FIELD TECHNICIANS: Leonardo Bitondo

REPORT DATE: June 7, 2025

As per your request, EnviroVision Consultants, Inc. was contracted by Springfield Public Schools to conduct Lead (Pb) in drinking water sampling at the Jonathan Dayton High School on May 17, 2025. 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).

Twenty-four samples were collected from the Jonathan Dayton High School. In addition, a blank sample was collected, as required, for Quality Assurance Purposes.

Results: Twenty-two 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 (USEPA) of 15 parts per billion (ppb). 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.



JONATHAN DAYTON HIGH SCHOOL- LEAD (Pb) in Water Results of Concern

Outlet ID/Sample Number	Location	Results
EC3 JDHS	Room 203	20.9 ppb
EC4 JDHS	Room 203	76.3 ppb

Due to the elevated levels in the above 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.

I have also enclosed documents with detailed steps from the New Jersey Department of Environmental Protection regarding notifications that must be made, posting of results, and initial and long-term remedial requirements.

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, DEP Documents

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:cs@emsl.com
EMSL-CIN-01

EMSL Order ID: 012521592**LIMS Reference ID:** AD21592**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:

Jonathan Dayton High School - 139 Mountain
Ave, Springfield, NJ

Customer PO:**EMSL Sales Rep:**

Sheryl Steinmetz

Received:

05/19/2025 09:00

Reported:

06/06/2025 17:26

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: FP1 JDHS/Main Kitchen									
Lims Reference ID:				AD21592-01		Matrix: Drinking Water		Sampled: 05/17/25 07:01:00	
Metals									
Lead	2.43	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:14	PL	EPA 200.8 (DA)/EPA 200.8
Sample: FP2 JDHS/Main Kitchen									
Lims Reference ID:				AD21592-02		Matrix: Drinking Water		Sampled: 05/17/25 07:02:00	
Metals									
Lead	ND	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:20	PL	EPA 200.8 (DA)/EPA 200.8
Sample: FP3 JDHS/Main Kitchen									
Lims Reference ID:				AD21592-03		Matrix: Drinking Water		Sampled: 05/17/25 07:03:00	
Metals									
Lead	ND	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:22	PL	EPA 200.8 (DA)/EPA 200.8
Sample: WC1 JDHS/Cafe									
Lims Reference ID:				AD21592-04		Matrix: Drinking Water		Sampled: 05/17/25 07:04:00	
Metals									
Lead	ND	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:24	PL	EPA 200.8 (DA)/EPA 200.8
Sample: IM1 JDHS/Trainers Office									
Lims Reference ID:				AD21592-05		Matrix: Drinking Water		Sampled: 05/17/25 07:06:00	
Metals									
Lead	ND	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:26	PL	EPA 200.8 (DA)/EPA 200.8
Sample: KC1 JDHS/Guidance Break Room									
Lims Reference ID:				AD21592-06		Matrix: Drinking Water		Sampled: 05/17/25 07:10:00	
Metals									
Lead	2.36	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:28	PL	EPA 200.8 (DA)/EPA 200.8
Sample: WC3 JDHS/Hall by Main Office									
Lims Reference ID:				AD21592-07		Matrix: Drinking Water		Sampled: 05/17/25 07:11:00	
Metals									
Lead	ND	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:30	PL	EPA 200.8 (DA)/EPA 200.8
Sample: KC2 JDHS/Main Office									
Lims Reference ID:				AD21592-08		Matrix: Drinking Water		Sampled: 05/17/25 07:14:00	
Metals									
Lead	1.19	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: TL1 JDHS/IMC Break Room									
Lims Reference ID:				AD21592-09		Matrix: Drinking Water		Sampled: 05/17/25 07:17:00	
Metals									
Lead	3.14	1	1.00		µg/L	06/02/25 17:31	06/04/25 01:37	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: WC2 JDHS/Hall by IMC									
Lims Reference ID:				AD21592-10		Matrix: Drinking Water		Sampled: 05/17/25 07:18:00	
Metals									
Lead	ND	1		1.00	µg/L	06/02/25 17:31	06/04/25 01:43	PL	EPA 200.8 (DA)/EPA 200.8
Sample: TL2 JDHS/2nd FI Fac. Room									
Lims Reference ID:				AD21592-11		Matrix: Drinking Water		Sampled: 05/17/25 07:21:00	
Metals									
Lead	6.49	1		1.00	µg/L	06/02/25 17:31	06/04/25 01:45	PL	EPA 200.8 (DA)/EPA 200.8
Sample: WC4 JDHS/Hall by 207									
Lims Reference ID:				AD21592-12		Matrix: Drinking Water		Sampled: 05/17/25 07:23:00	
Metals									
Lead	ND	1		1.00	µg/L	06/02/25 17:31	06/04/25 01:47	PL	EPA 200.8 (DA)/EPA 200.8
Sample: FP6 JDHS/BOE Conf. Room									
Lims Reference ID:				AD21592-13		Matrix: Drinking Water		Sampled: 05/17/25 07:25:00	
Metals									
Lead	1.71	1		1.00	µg/L	06/02/25 17:31	06/04/25 01:49	PL	EPA 200.8 (DA)/EPA 200.8
Sample: TL3 JDHS/Spec. Serv Break Room									
Lims Reference ID:				AD21592-14		Matrix: Drinking Water		Sampled: 05/17/25 07:27:00	
Metals									
Lead	4.63	1		1.00	µg/L	06/02/25 17:31	06/04/25 01:51	PL	EPA 200.8 (DA)/EPA 200.8
Sample: EC1 JDHS/Rm 203									
Lims Reference ID:				AD21592-15		Matrix: Drinking Water		Sampled: 05/17/25 07:28:00	
Metals									
Lead	2.78	1		1.00	µg/L	06/02/25 17:31	06/04/25 01:53	PL	EPA 200.8 (DA)/EPA 200.8
Sample: EC2 JDHS/Rm 203									
Lims Reference ID:				AD21592-16		Matrix: Drinking Water		Sampled: 05/17/25 07:29:00	
Metals									
Lead	3.91	1		1.00	µg/L	06/02/25 17:34	06/04/25 00:45	PL	EPA 200.8 (DA)/EPA 200.8
Sample: EC3 JDHS/Rm 203									
Lims Reference ID:				AD21592-17		Matrix: Drinking Water		Sampled: 05/17/25 07:29:00	
Metals									
Lead	20.9	1		1.00	µg/L	06/02/25 09:20	06/03/25 16:40	JW1	EPA 200.8 (Dig)/EPA 200.8
Sample: EC4 JDHS/Rm 203									
Lims Reference ID:				AD21592-18		Matrix: Drinking Water		Sampled: 05/17/25 07:31:00	
Metals									
Lead	19.2	1		1.00	µg/L	06/02/25 17:34	06/04/25 00:47	PL	EPA 200.8 (DA)/EPA 200.8

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Sheryl Steinmetz

Received:

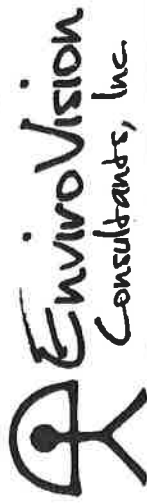
05/19/2025 09:00

Reported:

06/06/2025 17:26

Analytical Results**(Continued)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: FP4 JDHS/Rm 203									
Lims Reference ID:				AD21592-19		Matrix: Drinking Water		Sampled: 05/17/25 07:32:00	
Metals									
Lead	1.63	1		1.00	µg/L	06/02/25 17:34	06/04/25 00:49	PL	EPA 200.8 (DA)/EPA 200.8
Sample: FP5 JDHS/Rm 203									
Lims Reference ID:				AD21592-20		Matrix: Drinking Water		Sampled: 05/17/25 07:33:00	
Metals									
Lead	1.23	1		1.00	µg/L	06/02/25 17:34	06/04/25 00:51	PL	EPA 200.8 (DA)/EPA 200.8
Sample: EC5 JDHS/Rm 222									
Lims Reference ID:				AD21592-21		Matrix: Drinking Water		Sampled: 05/17/25 07:35:00	
Metals									
Lead	1.24	1		1.00	µg/L	06/02/25 16:59	06/03/25 23:26	PL	EPA 200.8 (DA)/EPA 200.8
Sample: EC6 JDHS/Rm 222									
Lims Reference ID:				AD21592-22		Matrix: Drinking Water		Sampled: 05/17/25 07:36:00	
Metals									
Lead	3.55	1		1.00	µg/L	06/02/25 16:59	06/03/25 23:28	PL	EPA 200.8 (DA)/EPA 200.8
Sample: EC7 JDHS/Rm 222									
Lims Reference ID:				AD21592-23		Matrix: Drinking Water		Sampled: 05/17/25 07:37:00	
Metals									
Lead	4.03	1		1.00	µg/L	06/02/25 16:59	06/03/25 23:30	PL	EPA 200.8 (DA)/EPA 200.8
Sample: EC8 JDHS/Rm 222									
Lims Reference ID:				AD21592-24		Matrix: Drinking Water		Sampled: 05/17/25 07:38:00	
Metals									
Lead	1.31	1		1.00	µg/L	06/02/25 16:59	06/03/25 23:32	PL	EPA 200.8 (DA)/EPA 200.8



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CINNAMINSON, N.J.

AD 21592

CLIENT	Springfield Township School District	ADDRESS	139 Mountain Ave, Springfield, NJ
PROJECT	Jonathan Dayton High School	ADDRESS	139 Mountain Ave, Springfield, NJ
TECH	Leo Blando	SAMPLING DATE	5/17/25
		PROJ #	

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
FP1 JDHS	5/17/25	Main Kitchen	
FP2 JDHS	702	71-	
FP3 JDHS	703	71-	
WC1 JDHS	704	Cafe	
IM1 JDHS	706	Trainers office	
KC1 JDHS	710	Guidance Break Room	
WC3 JDHS	711	Hall by main office	
KC2 JDHS	714	Main office	
TL1 JDHS	717	IMC Break Room	
WC2 JDHS	718	Hall By IMC	
TL2 JDHS	721	2nd FL Fac. Room	
WC4 JDHS	723	Hall by 207	

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
<i>[Signature]</i>	<i>W1</i>	5/17/25 3:05pm
	<i>Annunzio (WT)</i>	5/19/25 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): _____

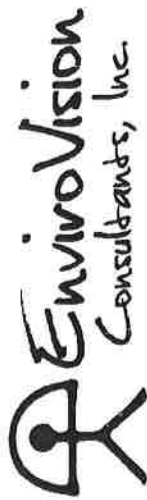
Bottle Size: 250 mL, wide mouth

TURNAROUND TIME 2 WEEKS

EMAIL RESULTS TO info@envirovisionconsultants.com

LABORATORY SUBMITTED TO:	
LAB ORDER #	

Preserved w/ HNO₃ @ 1400m 5/19/25



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(973) 636-9145 / info@envirovisionconsultants.com
NJDOH IHEA Lic #: 1097 EMSL
CINNAMINSON, N.J.

AD 21598

CLIENT	Springfield Township School District	ADDRESS	139 Mountain Ave Springfield, NJ
PROJECT	Jonathan Dayton High School	ADDRESS 1	139 Mountain Ave Springfield, NJ
TECH	Lee Bando	SAMPLING DATE	5/17/25
		PROJ #	

LEAD IN DRINKING WATER DATA SHEET

Sample ID #	Date/Time Collected	Sample Location	Observations
FP6 JDHS	5/17/25	725 BOE Conf. Room	
TL3 JDHS		727 Spec. Serv Break Room	
EC1 JDHS		728 Rm 203	
EC2 JDHS		729 Rm 203	
EC3 JDHS		729 Room 203	
EC4 JDHS		731 Rm 203	
FP4 JDHS		732 Rm 203	
FP5 JDHS		733 Rm 203	
EC5 JDHS		735 Room - 222	
EC6 JDHS		736 Rm - 222	
EC7 JDHS		737 Rm - 222	
EC8 JDHS		738 Room 222	
Blank		739 Blank	

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
<i>[Signature]</i>	<i>[Signature]</i>	5/17/25 7:05 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 WEEKS

EMAIL RESULTS TO info@envirovisionconsultants.com

LABORATORY SUBMITTED TO:	
LAB ORDER #	

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Certified Analyses included in this Report

Analyte	Certifications
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EPA 200.8 in Drinking Water

Lead	NJDEP
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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	04/01/2026
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	04/01/2027
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.