EnviroVision Consultants, Inc.
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 Sandmeier Elementary School
ADDRESS: 666 S. Springfield 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 Sandmeier Elementary 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).

Nine samples were collected from the Sandmeier Elementary School. In addition, a blank sample was collected, as required, for Quality Assurance Purposes.

Results: Seven 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.

SANDMEIER ELEMENTARY SCHOOL- LEAD (Pb) in Water Results of Concern

Outlet ID/Sample Number	Location	Results
P1TLS	Principal's Office Sink	75.4 ppb
KC1 TLS	Kitchenette Sink	17.8 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: 012521297
LIMS Reference ID: AD21297
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: Thelma Sandmeier School - 666 South Springifeld Ave, Springfield, NJ

Customer PO:
EMSL Sales Rep: Sheryl Steinmetz
Received: 05/17/2025 15:00
Reported: 06/03/2025 19:25

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: WC1TLS/Hall by Library		**Lims Reference ID:**		**AD21297-01**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:45:00**
Metals									
Lead	1.30		1	1.00	µg/L	05/23/25 17:51	05/27/25 15:50	PL	EPA 200.8 (DA)/EPA 200.8
Sample: WC2TLS/Hall by Library		**Lims Reference ID:**		**AD21297-02**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:46:00**
Metals									
Lead	ND		1	1.00	µg/L	05/23/25 17:51	05/27/25 15:51	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PITLS/Principals Office		**Lims Reference ID:**		**AD21297-03**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:48:00**
Metals									
Lead	75.4		1	1.00	µg/L	05/23/25 17:51	05/27/25 15:53	PL	EPA 200.8 (DA)/EPA 200.8
Sample: KC1TLS/Kitchenette		**Lims Reference ID:**		**AD21297-04**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:49:00**
Metals									
Lead	17.8		1	1.00	µg/L	05/23/25 17:51	05/27/25 15:55	PL	EPA 200.8 (DA)/EPA 200.8
Sample: NS1TLS/Nurses Office		**Lims Reference ID:**		**AD21297-05**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:50:00**
Metals									
Lead	8.66		1	1.00	µg/L	05/23/25 17:51	05/27/25 15:57	PL	EPA 200.8 (DA)/EPA 200.8
Sample: WC3TLS/Hall by Gym		**Lims Reference ID:**		**AD21297-06**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:52:00**
Metals									
Lead	ND		1	1.00	µg/L	05/23/25 17:51	05/27/25 16:03	PL	EPA 200.8 (DA)/EPA 200.8
Sample: TL1TLS/Teachers Lounge		**Lims Reference ID:**		**AD21297-07**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:53:00**
Metals									
Lead	5.93		1	1.00	µg/L	05/23/25 17:51	05/27/25 16:05	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DC1TLS/Daycare		**Lims Reference ID:**		**AD21297-08**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:56:00**
Metals									
Lead	7.15		1	1.00	µg/L	05/23/25 17:51	05/27/25 16:10	PL	EPA 200.8 (DA)/EPA 200.8
Sample: DC2TLS/Daycare		**Lims Reference ID:**		**AD21297-09**	**Matrix: Drinking Water**				**Sampled: 05/13/25 08:58:00**
Metals									
Lead	ND		1	1.00	µg/L	05/23/25 17:51	05/27/25 16:12	PL	EPA 200.8 (DA)/EPA 200.8

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Project Name: Thelma Sandmeier School - 666 South Springifeld Ave, Springfield, NJ

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EMSL Sales Rep: Sheryl Steinmetz
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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: BLANK/Blank			**Lims Reference ID:**	**AD21297-10**	**Matrix: Drinking Water**				**Sampled: 05/13/25 09:00:00**
Metals									
Lead	ND		1	1.00	µg/L	05/23/25 17:51	05/27/25 16:14	PL	EPA 200.8 (DA)/EPA 200.8

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NJDOH IHEA Lic #: 1097

RECEIVED
CINNAMINSON, N.J.

CLIENT	Springfield Township School District	ADDRESS	139 Morristown Rd, Springfield, NJ		
PROJECT	Thelma Sardmeier School	ADDRESS	666 South Springfield Ave, Springfield, NJ		
TECH	Leo Bitondo	SAMPLING DATE	5/17/25	PROJ #	

LEAD IN DRINKING WATER DATA SHEET

	Sample ID #	Date/Time Collected	Sample Location	Observations
1	WC1TLS	5/13/25 845	Hall by Library	
2	WC2TLS	846	"	
3	P1TLS	848	Principals office	
4	KC1TLS	849	Kitchenette	
5	NS1TLS	856	Nurses office	
6	WC3TLS	852	Hall by Gym	
7	TL1TLS	853	Teachers Room	
8	DC1TLS	856	Daycare	
9	DC2TLS	858	Daycare	
10	Blank	900	Blank	

ANALYSIS:
✓ Unpreserved, via EPA 200.8 ICP-MS (0.001 mg/L (ppm))
___ Preserved with HNO_3, via EPA 200.8 ICP-MS (0.001 mg/L (ppm))

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date & Time
NG	WI	5/17/25 3:00pm

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 #	

HNO_3 added 5/18 @ 11:15am KHR

PAGE 1 OF 1

105P

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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	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.