

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

CLIENT: Scotch Plains – Fanwood School District

Project No. 24-130

PROJECT: Lead (Pb) in Water Sampling

Nettingham MS/ Maint. Bldg.

ADDRESS: 563 Willow Ave, Scotch Plains, NJ 07076

FIELD TECHNICIAN(S) Jordan Prysko

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 Nettingham Middle School/Maintenance Building on August 7, 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).

Sixteen samples were collected from Nettingham Middle School/Maintenance Building. 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 (Nettingham MS/Maint. Bldg)

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

## **EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077 Telephone: 856-858-4800 Fax:856-786-5974 EMSL-CIN-01 EMSL Order ID: 012426330 LIMS Reference ID: AC26330 EMSL Customer ID: RAMA51

Attention: Select Contact - RAMA51

EnviroVision Consultants, Inc [RAMA51] 20-21 Wagaraw Rd, Bldg 35E

Fair Lawn, NJ 07410 (973) 636-9145

elementsupport@emsl.com

**Project Name:** 

Scotch Plains - Nettingham MS/Maint. Shop

**Customer PO:** 

EMSL Sales Rep:

Gary Perlmutter

Received: Reported: 08/08/2024 09:00 08/23/2024 17:54

## **Analytical Results**

Analyte	Result	Q [	)F	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: PK-WC-FL-1.137-1BF/Hallway by 137		Lims R	Reference	ID:	AC26330-01	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:24:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:25	08/23/24 09:35	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-NS-FL-1.NURSE-S/Nurse Office		Lims R	deference	ID:	AC26330-02	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:26:00
Metals Lead	5.61		1	1.00	µg/L	08/20/24 16:25	08/23/24 09:40	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-NS-FL-1.NURSE-BF/Nurse Office		Lims R	eference	ID:	AC26330-03	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:29:00
<b>Metais</b> Lead	ND		1	1.00	µg/L	08/20/24 16:25	08/23/24 09:42	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-1.110BF/Hall by 110		Lims R	leference	ID:	AC26330-04	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:32:00
Metals <sub>Lead</sub>	ND		1	1.00	μg/L	08/20/24 16:25	08/23/24 09:44	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-1.MPR/Hall by MPR		Lims R	teference	ID:	AC26330-05	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:35:00
Metals Lead	5.29		1	1.00	μg/L	08/20/24 16:25	08/23/24 09:46	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-1.127BF/Cafe / Room 127		Lims R	teference	ID:	AC26330-06	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:38:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:25	08/23/24 09:52	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-TL-FL-1.125/Teacher Lounge (Room 124)		Lims R	deference	ID:	AC26330-07	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:40:00
Metals Lead	1.13		1	1.00	μg/L	08/20/24 16:25	08/23/24 09:54	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-TL-FL-1.125BF/Teacher Lounge (Room 124)		Lims R	Reference	ID:	AC26330-08	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:42:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:20	08/23/24 08:58	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-1.1252BF/Hall by Teacher Lounge (Room 124)		Lims R	Reference	ID:	AC26330-09	Matrix: Drinking	Water	Sa	ampled: 08/07/24 12:45:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:20	08/23/24 09:04	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: PK-WC-FL-1.1252BF/Hall by Teacher Lounge (Room 124) (Continued)		Lim	s Refere	nce ID:	AC26330-09	Matrix: Drinkir	ng Water	Sam	oled: 08/07/24 12:45:00
Metals (Continued)									
Sample: PK-WC-FL-1.121BF/Hall by New Gym 121		Lims	s Refere	nce ID:	AC26330-10	Matrix: Drinkir	ng Water	Samı	oled: 08/07/24 12:47:00
Metais Lead	ND		1	1.00	μg/L	08/20/24 16:20	08/23/24 09:06	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-1.113-2BF/Hall by 113		Lim	s Refere	nce ID:	AC26330-11	Matrix: Drinkir	ng Water	Samı	oled: 08/07/24 12:50:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:20	08/23/24 09:12	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-2.204-2BF/Hail by 204		Lim	s Refere	nce ID:	AC26330-12	Matrix: Drinkir	ng Water	Sam	oled: 08/07/24 12:52:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:20	08/23/24 09:14	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-2.212/Hall by 212		Lim	s Refere	nce ID:	AC26330-13	Matrix: Drinkir	ng Water	Samı	oled: 08/07/24 12:55:00
<b>Metais</b> Lead	4.09		1	1.00	μg/L	08/20/24 16:20	08/23/24 09:15	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-3.304-1BF/Hall by 304		Lim	s Refere	nce ID:	AC26330-14	Matrix: Drinkir	ng Water	Sam	oled: 08/07/24 12:59:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:20	08/23/24 09:17	PL.	EPA 200.8 (DA)/EPA 200.8
Sample: PK-WC-FL-3.318/Hall by 318		Lim	s Refere	nce ID:	AC26330-15	Matrix: Drinkii	ng Water	Sam	oled: 08/07/24 13:04:00
Metals Lead	5.20		1	1.00	µg/L	08/20/24 16:20	08/23/24 09:19	PL	EPA 200.8 (DA)/EPA 200.8
Sample: SHOPWC/Maintenance Shop		Lim	s Refere	nce ID:	AC26330-16	Matrix: Drinki	ng Water	Sam	oled: 08/07/24 13:10:00
Metals Lead	ND		1	1.00	µg/L	08/20/24 16:20	08/23/24 09:21	PL	EPA 200.8 (DA)/EPA 200.8
Sample: PK.BLANK/Blank		Lim	s Refere	nce ID:	AC26330-17	Matrix: Drinki	ng Water	Sam	oled: 08/07/24 13:15:00
Metals Lead	ND		1	1.00	μg/L	08/20/24 16:20	08/23/24 09:23	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	06/30/2024
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  $\underline{www.emsl.com} < \underline{http://www.emsl.com} > for a complete listing of parameters for which EMSL is certified.$ 



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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.

EnvivoVision 20-21 Censultrands, Inc. ACCESS!

973) 636-9145 / info@envirovisionconsultants.com 20-21 Wagaraw Road - Bldg. 35E, Fair Lawn, NJ 07410

NJDOH IHEA LIC #: 1097

	CEENT	Scotch Plains Board of Education	rd of Educa	ation	ADDRESS	512 Cedar Stre	512 Cedar Street, Scotch Plains, NJ 07076	97070
	PROJECT	Scotch Plains - Nettingham MS/Maint. Shop	ttingham l	MS/Maint. Shop	ADDRESS	580 Park Ave.	580 Park Ave, Scotch Plains, NJ 07076	9//0
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Date & Time ななれる Received By: Relinquished By:

**CHAIN OF CUSTODY** 

Mornally 8/08/04 yam

Sample(s) Temperature Upon Receipt (Lab Only): Matrix: Drinking Water, Sample Type: Grab Bottle Size: 250 ml, wide mouth

Unpreserved, via EPA 200.8 ICP-MS (0.001 mg/L (ppm))

ANALYSIS:

Preserved with HNO3, via EPA 200.8 ICP-MS (0.001

mg/L (ppm))

DAYS /WEEKS TURNAROUND TIME

**EMAIL RESULTS TO** 

PAGE

info@envirovisionconsultants.com

がならい SUBMITTED TO: LABORATORY LAB ORDER # 8.8 7.30

Ehvivo Vision 20-21 Wagaraw Road – Bldg. 35E, Fair Lawn, NJ 07410
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NJDOH IHEA Lic #: 1097

	CLIENT	Scotch Plains Board of Education Scotch Plains – Nettingham MS/Maint. Shop	of Educi ingham 1	ation MS/Maint, Shop	ADDRESS ADDRESS	58(	Scotch Plain cotch Plains.	ns, NJ 07076 NJ 07076	OMANINI Accomini Ser
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