



20-21 Wagaraw Road – Bldg. 35E, Fair Lawn, NJ 07410
PH (973) 636-9145 FAX (973) 636-9144
Email: Envirovision@optonline.net

CLIENT: Mount Laurel School District
PROJECT: Lead in Drinking Water
ADDRESS: 520 Hartford Rd., Mt. Laurel, NJ 08054
Field Technician: Cathy DiNardo

Project Number 22-178
Springville E.S.
Report Date: May 9, 2022

As per your request, EnviroVision Consultants, Inc. was contracted by the Mount Laurel School District to conduct Lead (Pb) in drinking water sampling at the Springville Elementary School on April 20, 2022. 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: Eighteen drinking water samples were collected from Springville Elementary School. All of the samples analyzed were either "None Detected" or less than the US EPA threshold of 15 parts per billion (ppb), or ug/L, for Lead in drinking water. In addition, a required blank was collected for Quality Assurance purposes.

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 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Frederick Larson**
EnviroVision Consultants, Inc
20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

5/6/2022

Phone: (973) 636-9145

Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/20/2022. The results are tabulated on the attached data pages for the following client designated project:

22-178 Mt. Laurel BOE - Springville School

The reference number for these samples is EMSL Order #012206454. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012206454
 CustomerID: RAMA51
 CustomerPO:
 ProjectID:

Attn: **Frederick Larson**
EnviroVision Consultants, Inc
20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 4/20/2022 01:00 PM

Project: 22-178 Mt. Laurel BOE - Springville School

Analytical Results

Client Sample Description SF1
 By Café - Lower
Collected: 4/20/2022 11:07:00 AM
Lab ID: 012206454-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 00:43 VD

Client Sample Description SF2
 By Café - Upper
Collected: 4/20/2022 11:07:00 AM
Lab ID: 012206454-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 00:48 VD

Client Sample Description SF3
 By Café - Lower
Collected: 4/20/2022 11:09:00 AM
Lab ID: 012206454-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 00:49 VD

Client Sample Description SF4
 By Café - Upper
Collected: 4/20/2022 11:09:00 AM
Lab ID: 012206454-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 00:54 VD

Client Sample Description SK1
 Kitchen Kettle
Collected: 4/20/2022 11:11:00 AM
Lab ID: 012206454-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	8.28	1.00 µg/L	5/4/2022 VD	5/5/2022 00:56 VD

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EMSL Order: 012206454
 CustomerID: RAMA51
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Fair Lawn, NJ 07410

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 4/20/2022 01:00 PM

Project: 22-178 Mt. Laurel BOE - Springville School

Analytical Results

Client Sample Description SNS1 **Collected:** 4/20/2022 **Lab ID:** 012206454-0006
 Nurses - Sink 11:20:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 00:57 VD

Client Sample Description SF5 **Collected:** 4/20/2022 **Lab ID:** 012206454-0007
 Lobby - Lower 11:22:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 00:59 VD

Client Sample Description SF6 **Collected:** 4/20/2022 **Lab ID:** 012206454-0008
 Lobby - Upper 11:22:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:00 VD

Client Sample Description STS1 **Collected:** 4/20/2022 **Lab ID:** 012206454-0009
 Teachers Rm - 1st Fl. 11:27:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:02 VD

Client Sample Description SF7 **Collected:** 4/20/2022 **Lab ID:** 012206454-0010
 By Storage Rm- Lower 11:34:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:03 VD



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EMSL Order: 012206454
 CustomerID: RAMA51
 CustomerPO:
 ProjectID:

Attn: **Frederick Larson**
EnviroVision Consultants, Inc
20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 4/20/2022 01:00 PM

Project: 22-178 Mt. Laurel BOE - Springville School

Analytical Results

Client Sample Description SF7-BF **Collected:** 4/20/2022 **Lab ID:** 012206454-0011
 By Storage Rm - Bottle Filler 11:35:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:05 VD
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Client Sample Description SF8 **Collected:** 4/20/2022 **Lab ID:** 012206454-0012
 By Storage Rm - Upper 11:36:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:13 VD
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Client Sample Description SF9 **Collected:** 4/20/2022 **Lab ID:** 012206454-0013
 By Library - Lower 11:40:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:14 VD
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Client Sample Description SF9-BF **Collected:** 4/20/2022 **Lab ID:** 012206454-0014
 By Library - Bottle Filler 11:41:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:16 VD
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Client Sample Description SF10 **Collected:** 4/20/2022 **Lab ID:** 012206454-0015
 By Library - Upper 11:42:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:17 VD
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**EMSL Analytical, Inc.**

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 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012206454
 CustomerID: RAMA51
 CustomerPO:
 ProjectID:

Attn: **Frederick Larson**
EnviroVision Consultants, Inc
20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 4/20/2022 01:00 PM

Project: 22-178 Mt. Laurel BOE - Springville School

Analytical Results

Client Sample Description STS2 **Collected:** 4/20/2022 **Lab ID:** 012206454-0016
 Teachers Rm - 2nd Fl. 11:47:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.30	1.00 µg/L	5/4/2022 VD	5/5/2022 01:19 VD

Client Sample Description SF11 **Collected:** 4/20/2022 **Lab ID:** 012206454-0017
 2nd Fl. Hall - Lower 11:50:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:20 VD

Client Sample Description SF12 **Collected:** 4/20/2022 **Lab ID:** 012206454-0018
 2nd Fl. Hall - Upper 11:50:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:22 VD

Client Sample Description SB **Collected:** 4/20/2022 **Lab ID:** 012206454-0019
 Blank 12:00:00 PM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/5/2022 01:23 VD

Definitions:

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results



Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

012206454

Customer Information Customer ID: RAMA51 Company Name: EnviroVision Consultants Inc. Contact Name: Frederick Larson Street Address: 20-21 Wagaraw Rd. Suite 35E City, State, Zip: Fair Lawn, NJ 07410 Country: Bergen Phone: 973-636-9145 Email(s) for Report: info@envirovisionconsultants.com	Billing Information Billing ID: RAMA51 Company Name: EnviroVision Consultants Inc. Billing Contact: Frederick Larson Street Address: 20-21 Wagaraw Rd. Suite 35E City, State, Zip: Fair Lawn, NJ 07410 Country: Bergen Phone: 973-636-9145 Email(s) for Invoice: info@envirovisionconsultants.com
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Project Information	
Project Name/No: 22-178 Mt. Laurel BOE- Springville School	Purchase Order:
EMSL LIMS Project ID: (if applicable, EMSL will provide)	US State where samples collected: NJ State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: Cathy DiNardo	Sampled By Signature: _____ No. of Samples in Shipment: _____

Turn-Around-Time (TAT)

3 Hour
 6 Hour
 24 Hour
 32 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3 <input type="checkbox"/> PH<2 <input type="checkbox"/>	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input checked="" type="checkbox"/>
Unpreserved <input checked="" type="checkbox"/> PH<2 <input checked="" type="checkbox"/>	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Preserved with HNO3 <input type="checkbox"/> PH<2 <input type="checkbox"/>	Other: _____			<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
SF1	By CAFE - lower	250ML	4/20/22 1107
SF2	By CAFE - upper	250ML	4/20/22 1107
SF3	By CAFE - lower	250ML	4/20/22 1109
SF4	By CAFE - upper	250ML	4/20/22 1109
SK1	Kitchen Kettle	250ML	4/20/22 1111

Method of Shipment: Drop OFF	Sample Condition Upon Receipt: _____
Relinquished by: C DiNardo	Received by: [Signature]
Date/Time: 4/20/22 1240	Date/Time: 4-20-22 1pm
Relinquished by: _____	Received by: [Signature]
Date/Time: _____	Date/Time: 4/20/22 1pm

Controlled Document - CDC-25 Lead R16 4/19/2021 *6010C Available Upon Request

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

HNO3 added at 92m on 4/21 hr OK



Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

012206454

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Springville School

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
SNS1	Nurses - Sink	250mL	4/20/22 11:20
SF5	LOBBY-lower	250mL	4/20/22 11:22
SF6	LOBBY-upper	250mL	4/20/22 11:22
STS1	Teachers Rm- 1st Fl.	250mL	4/20/22 11:27
SF7	By Storage rm lower	250mL	4/20/22 11:34
SF7-BF	By Storage rm -Bottle Filler	250ML	4/20/22 11:35
SF8	By Storage rm- upper	250mL	4/20/22 11:36
SF9	By Library-lower	250mL	4/20/22 11:40
SF9-BF	By Library Bottle Filler	250 ML	4/20/22 11:41
SF10	By Library-upper	250 mL	4/20/22 11:42
STS2	Teachers Rm-2nd Fl	250mL	4/20/22 11:47
SF11	2nd Fl. Hall-lower	250 mL	4/20/22 11:50
SF12	2nd Fl. Hall-upper	250mL	4/20/22 11:50
SB	Blank	250mL	4/20/22 12:00

Method of Shipment:

Drop OFF

Relinquished by:

C. Nardo

Date/Time:

4/20/22 12:40

Date/Time:

Sample Condition Upon Receipt:

Received by:

Date/Time

Received by:

Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.