



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 Number 22-178

PROJECT: Lead in Drinking Water

Hartford School

ADDRESS: 397 Hartford Rd., Mt. Laurel, NJ 08054

Report Date: May 9, 2022

Field Technician: Cathy DiNardo

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 Hartford School on April 21, 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: Fifteen drinking water samples were collected from Hartford 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:

EnviroVision Consultants, Inc.

5/6/2022

EnviroVision Consultants, Inc

20-21 Wagaraw Rd

Bldg 35E

Fair Lawn, NJ 07410

Phone: (973) 636-9145

Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/21/2022. The results are tabulated on the attached data pages for the following client designated project:

22-178 Mt. Laurel BOE - Hartford School

The reference number for these samples is EMSL Order #012206504. 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: 012206504

CustomerID: RAMA51

CustomerPO:

ProjectID:

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

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 4/21/2022 01:40 PM

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

Analytical Results

Client Sample Description HFKS1 **Collected:** 4/21/2022 **Lab ID:** 012206504-0001
 Kitchen Sink/Boiler 8:20:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.74	1.00 µg/L	5/5/2022 VD	5/5/2022 23:05 VD

Client Sample Description HFFBL1 **Collected:** 4/21/2022 **Lab ID:** 012206504-0002
 Boys Locker Room 8:32:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 23:15 VD

Client Sample Description HFFGL1 **Collected:** 4/21/2022 **Lab ID:** 012206504-0003
 Girls Locker Room 8:41:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 23:17 VD

Client Sample Description HFA1H1 **Collected:** 4/21/2022 **Lab ID:** 012206504-0004
 By A100 8:47:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 23:19 VD

Client Sample Description HFA1L1 **Collected:** 4/21/2022 **Lab ID:** 012206504-0005
 By A100 8:47:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 23:21 VD

**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: 012206504

CustomerID: RAMA51

CustomerPO:

ProjectID:

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

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 4/21/2022 01:40 PM

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

Analytical Results

Client Sample Description		HFNS1 Nurses Sink	Collected:		4/21/2022 8:54:00 AM	Lab ID:		012206504-0006	
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst		
METALS									
200.8	Lead	1.87	1.00 µg/L		5/5/2022	VD	5/5/2022 23:23	VD	
Client Sample Description		HFTS1 Teachers Rm 1st Fl.	Collected:		4/21/2022 9:00:00 AM	Lab ID:		012206504-0007	
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst		
METALS									
200.8	Lead	6.23	1.00 µg/L		5/5/2022	VD	5/5/2022 23:25	VD	
Client Sample Description		HFB1H1 By B100	Collected:		4/21/2022 9:02:00 AM	Lab ID:		012206504-0008	
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst		
METALS									
200.8	Lead	ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:27	VD	
Client Sample Description		HFB1L1 By B100	Collected:		4/21/2022 9:02:00 AM	Lab ID:		012206504-0009	
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst		
METALS									
200.8	Lead	ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:30	VD	
Client Sample Description		HFB1BF1 By B100	Collected:		4/21/2022 9:03:00 AM	Lab ID:		012206504-0010	
Method	Parameter	Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst		
METALS									
200.8	Lead	ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:36	VD	

**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: 012206504

CustomerID: RAMA51

CustomerPO:

ProjectID:

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

Phone: (973) 636-9145
Fax: (973) 636-9144
Received: 4/21/2022 01:40 PM

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

Analytical Results

Client Sample Description		HFA2H1 By A204	Collected:		4/21/2022 9:05:00 AM	Lab ID:		012206504-0011	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:38	VD
Client Sample Description		HFA2L1 By A204	Collected:		4/21/2022 9:05:00 AM	Lab ID:		012206504-0012	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:44	VD
Client Sample Description		HFA2BF1 By A204	Collected:		4/21/2022 9:05:00 AM	Lab ID:		012206504-0013	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:46	VD
Client Sample Description		HFB2H1 By B204	Collected:		4/21/2022 9:05:00 AM	Lab ID:		012206504-0014	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:48	VD
Client Sample Description		HFB2L1 By B204	Collected:		4/21/2022 9:09:00 AM	Lab ID:		012206504-0015	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		5/5/2022	VD	5/5/2022 23:50	VD

**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: 012206504

CustomerID: RAMA51

CustomerPO:

ProjectID:

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

Phone: (973) 636-9145
Fax: (973) 636-9144
Received: 4/21/2022 01:40 PM

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

Analytical Results

Client Sample Description	HFB	Collected:	4/21/2022	Lab ID:	012206504-0016
	Blank		9:02:00 AM		

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 23:52 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

EMSL

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

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

012206504

Customer Information	Customer ID: RAMA51	Billing Information	Billing ID: RAMA51
	Company Name: EnviroVision Consultants Inc.		Company Name: EnviroVision Consultants Inc.
	Contact Name: Frederick Larson		Billing Contact: Frederick Larson
	Street Address: 20-21 Wagaraw Rd. Suite 35E		Street Address: 20-21 Wagaraw Rd. Suite 35E
	City, State, Zip: Fair Lawn, NJ 07410		City, State, Zip: Fair Lawn, NJ 07410
	Country: Bergen		Country: Bergen
Phone: 973-636-9145	Phone: 973-636-9145		
Email(s) for Report: info@envirovisionconsultants.com	Email(s) for Invoice: info@envirovisionconsultants.com		

Project Information

Project Name/No: 22-178 Mt. Laurel BOE- Hartford 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 HNO ₃ <input type="checkbox"/> PH<2	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	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Preserved with HNO ₃				<input type="checkbox"/>
TSP/SPM Filter				<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
HFKS1	Kitchen Sink/Bailer	250mL	4/21/22 820
HFFBL1	Boys Locker Room	250mL	4/21/22 832
HFFGL1	Girls Locker Room	250mL	4/21/22 841
HFA1H1	By A100	250mL	4/21/22 847
HFA1L1	By A100	250mL	4/21/22 847

Method of Shipment: Drop off	Sample Condition Upon Receipt:
Relinquished by: CDinardo	Received by: [Signature]
Date/Time: 4/21/22 135	Date/Time: 4/21/22 140
Relinquished by:	Received by: [Signature]
Date/Time:	Date/Time: 4/21/22 1340

Controlled Document - CDC-26 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.

Page 1 of 2

HNO₃ Added 4/22/22 1600 SAM

EMSL

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

012206504

EMSL Analytical, Inc.

200 Route 130 North

Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnamonsonLeadLab@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.)

Hartford School

[illegible]

Method of Shipment:

Sample Condition Upon Receipt:

Refranchised Inc.

Date/Time:

Received by:

DateTime

Relinquished by:

Date/Time:

Received by:

Date/Time

Controlled Document - CDC-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.