



20-21 Wagaraw Road – Bldg. 35E, Fair Lawn, NJ 07410
PH (973) 636-9145 / FAX (973) 636-9144
Email: info@envirovisionconsultants.com

CLIENT: Linden Public Schools
PROJECT: Lead in Drinking Water
ADDRESS: 19 E. Morris Ave, Linden, NJ 07036
Field Technician: Jack Ruegg

Project Number 22-224
School Number 6
Report Date: July 1, 2022

As per your request, EnviroVision Consultants, Inc. was contracted by the Linden Public School District to conduct Lead (Pb) in drinking water sampling at School Number 6 on June 11, 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 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).

Results: Seventeen samples were collected from School Number 6. In addition, a blank sample was collected and analyzed, as required, for Quality Assurance purposes.

All of the samples analyzed were either "None Detected" or below the United States Environmental Protection Agency (US EPA) threshold of 15 parts per billion (ppb) or ug/L.

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**

7/12/2022

Phone: (973) 636-9145
Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/15/2022. The results are tabulated on the attached data pages for the following client designated project:

22-224 Linden School #6

The reference number for these samples is EMSL Order #012209519. 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

Report amended 07/12/2022 16:53:19 Replaces initial report from 07/01/2022 10:46:36 Sample description corrected for sample -0013.

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: 012209519

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: 06/15/22 9:00 AM

Project: 22-224 Linden School #6

Analytical Results

Client Sample Description		SC6-DW-01 Room B4	Collected:		6/14/2022 9:00:00 AM	Lab ID:		012209519-0001	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022	KG	06/29/22 15:58	KG
Client Sample Description		SC6-DW-02 Room B6	Collected:		6/14/2022 9:01:00 AM	Lab ID:		012209519-0002	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022	KG	06/29/22 15:59	KG
Client Sample Description		SC6-DW-03 Next to closet F	Collected:		6/14/2022 9:02:00 AM	Lab ID:		012209519-0003	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022	KG	06/29/22 16:01	KG
Client Sample Description		SC6-WC-04 Outside Library	Collected:		6/14/2022 9:03:00 AM	Lab ID:		012209519-0004	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022	KG	06/29/22 16:02	KG
Client Sample Description		SC6-DW-06-A Room 105	Collected:		6/14/2022 9:10:00 AM	Lab ID:		012209519-0005	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022	KG	06/29/22 16:04	KG

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EMSL Order: 012209519

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

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 06/15/22 9:00 AM

Project: 22-224 Linden School #6

Analytical Results

Client Sample Description SC6-DW-06-B Room 106		Collected: 6/14/2022 9:11:00 AM		Lab ID: 012209519-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.22	1.00 µg/L	6/29/2022 KG	06/29/22 16:05 KG
Client Sample Description SC6-WC 08 Across Room 104		Collected: 6/14/2022 9:15:00 AM		Lab ID: 012209519-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/29/2022 KG	06/29/22 16:07 KG
Client Sample Description SC6-WC-09-A Nurse (Outside)		Collected: 6/14/2022 9:17:00 AM		Lab ID: 012209519-0008	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.39	1.00 µg/L	6/29/2022 KG	06/29/22 16:12 KG
Client Sample Description SC6-WC-09-B Nurse		Collected: 6/14/2022 9:17:00 AM		Lab ID: 012209519-0009	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.50	1.00 µg/L	6/29/2022 KG	06/29/22 16:16 KG
Client Sample Description SC6-DW-05 Room B3		Collected: 6/14/2022 9:19:00 AM		Lab ID: 012209519-0010	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/29/2022 KG	06/29/22 16:18 KG

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EMSL Order: 012209519

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EnviroVision Consultants, Inc
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Fair Lawn, NJ 07410

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 06/15/22 9:00 AM

Project: 22-224 Linden School #6

Analytical Results

Client Sample Description		SC6-TL-11 Next to closet A	Collected:		6/14/2022 9:25:00 AM	Lab ID:		012209519-0011	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022 KG		06/29/22 16:19 KG	
Client Sample Description		SC6-TL-12 Room 210	Collected:		6/14/2022 9:27:00 AM	Lab ID:		012209519-0012	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022 KG		06/29/22 16:21 KG	
Client Sample Description		SC6-WC-13 Next to Room 209	Collected:		6/14/2022 9:30:00 AM	Lab ID:		012209519-0013	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		5.15	1.00 µg/L		6/29/2022 KG		06/29/22 16:23 KG	
Client Sample Description		SC6-WF-14 Hall Outside Cafeteria	Collected:		6/14/2022 9:32:00 AM	Lab ID:		012209519-0014	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		6/29/2022 KG		06/29/22 16:24 KG	
Client Sample Description		SC6-WF-15 Hall Gym Locker	Collected:		6/14/2022 9:33:00 AM	Lab ID:		012209519-0015	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		5.88	1.00 µg/L		6/29/2022 KG		06/29/22 16:26 KG	

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EMSL Order: 012209519

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20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 06/15/22 9:00 AM

Project: 22-224 Linden School #6

Analytical Results

Client Sample Description SC6-WF-16
Hall Gym Locker
Collected: 6/14/2022
9:33:00 AM
Lab ID: 012209519-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.98	1.00 µg/L	6/29/2022 KG	06/29/22 16:27 KG

Client Sample Description SC6-KS-17
Kitchen
Collected: 6/14/2022
9:37:00 AM
Lab ID: 012209519-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.08	1.00 µg/L	6/28/2022 KG	06/28/22 22:43 KG

Client Sample Description SC6-BLANK
Collected: 6/14/2022
9:42:00 AM
Lab ID: 012209519-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/28/2022 KG	06/28/22 22:47 KG

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

Pb 6/29/22 JD



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

012209519

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

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, Bldg 35E			Street Address	20-21 Wagaraw Rd, Bldg 35E			
	City, State, Zip	Fair Lawn, NJ, 07410	Country		US	City, State, Zip	Fair Lawn, NJ, 07410	Country	US
	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: 22-224 Linden School #6		Purchase Order:	
EMSL LIMS Project ID (if applicable, EMSL will provide)		US State where samples collected	
State of Connecticut (CT) must select project location		<input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Name: Jack Ruegg	Sampled By Signature: [Signature]		No. of Samples in Shipment

Turn-Around-Time (TAT)									
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 32 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Week	

Please call ahead for large projects and/or turnaround times 5 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/kg	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"/>
**Not appropriate for Ceramic Tiles - XRF is recommended	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
AIR	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"/>
TCPL	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 <input type="checkbox"/>	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO3 <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 HNO3 <input type="checkbox"/> PH<2				<input type="checkbox"/>
TSP/SPM Filter				<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1 SCL-DW-01	Rm. B4	258mL	9:00
2 SCL-DW-02	Rm. B6		9:01
3 SCL-WL-03	Next to Closet F		9:02
4 SCL-WL-04	Outside Library		9:03
5 SCL-DW-06-A	Rm. 105		9:10

Method of Shipment		Sample Condition Upon Receipt	
Relinquished by: Jack Ruegg	Date/Time: 6/14/22	Received by: NJ Courier	Date/Time: 6/14/22 8:40pm
Relinquished by:	Date/Time:	Received by: Elyse	Date/Time: 6/15/22 9m

Controlled Document - CQC-25 Lead R17 05/06/2022

*5010C 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.

EMSL Order Number / Lab Use Only

EMAIL: CinnamononLeadLabs@gmail.com

012209519

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.)

Controlled Document - CDC-25 Lead R17 05/09/2022

☒

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

Page 2 of 2