



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

CLIENT: Saddle Brook School District
PROJECT: Lead in Drinking Water
ADDRESS: 95 Caldwell Ave, Saddle Brook, NJ 07663
Field Technician: Robert Vandenbree

Project Number 22-213
Franklin E.S.
Report Date: June 1, 2022

As per your request, EnviroVision Consultants, Inc. was contracted by the Saddle Brook School District to conduct Lead (Pb) in drinking water sampling at the Franklin Elementary School on May 14, 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: Twelve drinking water samples were collected from the Franklin 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**

6/1/2022

Phone: (973) 636-9145

Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/17/2022. The results are tabulated on the attached data pages for the following client designated project:

Saddle Brook School District - Franklin Elementary School 22-213

The reference number for these samples is EMSL Order #012207722. 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: 012207722

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: 5/17/2022 09:00 AM

Project: **Saddle Brook School District - Franklin Elementary School 22-213****Analytical Results**

Client Sample Description FESS1
Nurse's Office
Collected: 5/14/2022 9:04:00 AM
Lab ID: 012207722-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.26	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:25

Client Sample Description FESF1
Lunch Room
Collected: 5/14/2022 9:06:00 AM
Lab ID: 012207722-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:33

Client Sample Description FESF2
Lunch Room
Collected: 5/14/2022 9:07:00 AM
Lab ID: 012207722-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:35

Client Sample Description FESS2
Kitchen Sink
Collected: 5/14/2022 9:09:00 AM
Lab ID: 012207722-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.78	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:36

Client Sample Description FESS3
Kitchen Sink
Collected: 5/14/2022 9:10:00 AM
Lab ID: 012207722-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:38

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EMSL Order: 012207722

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: 5/17/2022 09:00 AM

Project: **Saddle Brook School District - Franklin Elementary School 22-213****Analytical Results**

Client Sample Description FESF3 Hallway by Room 102		Collected: 5/14/2022 9:11:00 AM		Lab ID: 012207722-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:39
Client Sample Description FESF4 Hallway by Room 106		Collected: 5/14/2022 9:12:00 AM		Lab ID: 012207722-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:41
Client Sample Description FESF5 Hallway by Gym		Collected: 5/14/2022 9:13:00 AM		Lab ID: 012207722-0008	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.89	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:42
Client Sample Description FESF5WB Hallway by Gym		Collected: 5/14/2022 9:14:00 AM		Lab ID: 012207722-0009	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.11	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:44
Client Sample Description FESF6 Room 107		Collected: 5/14/2022 9:16:00 AM		Lab ID: 012207722-0010	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:46

**EMSL Analytical, Inc.**

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<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012207722
 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: 5/17/2022 09:00 AM

Project: **Saddle Brook School District - Franklin Elementary School 22-213**

Analytical Results

Client Sample Description		FESF7 Room 108	Collected:		5/14/2022 9:17:00 AM	Lab ID:		012207722-0011	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		3.35	1.00 µg/L		5/27/2022	KG	5/27/2022 13:47	KG
Client Sample Description		FESF9 Hallway by Room 206	Collected:		5/14/2022 9:19:00 AM	Lab ID:		012207722-0012	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		1.55	1.00 µg/L		5/27/2022	KG	5/27/2022 13:55	KG
Client Sample Description		FES-FB Field Blank	Collected:		5/14/2022 9:20:00 AM	Lab ID:		012207722-0013	
Method	Parameter		Result	RL Units		Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND	1.00 µg/L		5/27/2022	KG	5/27/2022 13:56	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



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: Cinnaminson.LeadLab@emsl.com

012207722

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 Road, Bldg 35E			Street Address:	20-21 Wagaraw Road, Bldg 35E	
	City, State, Zip:	Fair Lawn NJ 07410	Country:		US	City, State, Zip:	Fair Lawn NJ 07410
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:	Saddle Brook School District - Franklin Elementary School 22-213			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:	☐ Commercial (Taxable)	☐ Residential (Non-Taxable)
Sampled By Name:	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 9 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 ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm ² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Preserved with HNO ₃ ☐ PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☒
Unpreserved ☒ PH<2				☐
Preserved with HNO ₃ ☐				☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1 FESS1	Nurse's Office	250 ml	5-14-22 / 9:04 AM
2 FESF1	Lunch Room	250 ml	5-14-22 / 9:06 AM
3 FESF2	Lunch Room	250 ml	5-14-22 / 9:07 AM
4 FESS2	Kitchen Sink	250 ml	5-14-22 / 9:09 AM
5 FESS3	Kitchen Sink	250 ml	5-14-22 / 9:10 AM

Method of Shipment: Drop off	Sample Condition Upon Receipt:		
Relinquished by: <i>Rob K</i>	Date/Time: 5-16-22 / 12:07 PM	Received by: <i>Michael J. KSCATWAY</i>	Date/Time: 5/16/2022 14:36
Relinquished by:	Date/Time:	Received by: <i>NW COURIER</i>	Date/Time: 5/16/22 8:50pm

Controlled Document - CDC-26 Lead R17 05/09/2022

*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.

Ellyn 5/17/22 9m
HNO₃ added 5/17/22 8:00 PM *gja*

EMSL Order Number / Lab Use Only

Cinnaminson, NJ 08077

EMAIL: CinnaminsonLeadLab@gmail.com

012207722

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.)

Franklin E.S

Method of Shipment: Drop off		Sample Condition Upon Receipt:	
Relinquished by: Rat	Date/Time: 5-16-22 / 12:10 pm	Received by: NW courier	Date/Time: 5/16/22 8:50pm
Relinquished by:	Date/Time:	Received by:	Date/Time:

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

☐ **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.