



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 Number 22-213

PROJECT: Lead in Drinking Water

High School/Middle School

ADDRESS: 355 Mayhill St, Saddle Brook, NJ 07663

Report Date: June 1, 2022

Field Technician: Robert Vandebree

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 Saddle Brook High School/Middle 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: Seventeen drinking water samples were collected from the High School/Middle 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 - High School/Middle School 22-213

The reference number for these samples is EMSL Order #012207723. 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: 012207723

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 - High School/Middle School 22-213

Analytical Results

Client Sample Description SBHS-FB
Field Blank
Collected: 5/14/2022 8:01:00 AM
Lab ID: 012207723-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 18:44

Client Sample Description SBHSS5
Nurse's Office
Collected: 5/14/2022 8:03:00 AM
Lab ID: 012207723-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.72	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 18:50

Client Sample Description SBHSF14
Hallway by Nurse's Office
Collected: 5/14/2022 8:04:00 AM
Lab ID: 012207723-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 18:52

Client Sample Description SBHSF14WB
Hallway by Nurse's Office
Collected: 5/14/2022 8:05:00 AM
Lab ID: 012207723-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:03

Client Sample Description SBHSF1
Hallway by Room 110
Collected: 5/14/2022 8:07:00 AM
Lab ID: 012207723-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:05

**EMSL Analytical, Inc.**

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EMSL Order: 012207723

CustomerID: RAMA51

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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 - High School/Middle School 22-213****Analytical Results**

Client Sample Description SBHSF2
Hallway by Room 110
Collected: 5/14/2022 8:08:00 AM
Lab ID: 012207723-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/27/2022 VD 08:32

Client Sample Description SBHSF5
Cafeteria A
Collected: 5/14/2022 8:10:00 AM
Lab ID: 012207723-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:09

Client Sample Description SBHSF6
Hallway by Cafeteria B
Collected: 5/14/2022 8:11:00 AM
Lab ID: 012207723-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:11

Client Sample Description SBHSF6WB
Hallway by Cafeteria B
Collected: 5/14/2022 8:12:00 AM
Lab ID: 012207723-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:13

Client Sample Description SBHSS1
Kitchen Sink
Collected: 5/14/2022 8:14:00 AM
Lab ID: 012207723-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:15

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EMSL Order: 012207723

CustomerID: RAMA51

CustomerPO:

ProjectID:

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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: 5/17/2022 09:00 AM

Project: Saddle Brook School District - High School/Middle School 22-213

Analytical Results

Client Sample Description SBHSS2
Kitchen Sink
Collected: 5/14/2022 8:15:00 AM
Lab ID: 012207723-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:17

Client Sample Description SBHSS3
Kitchen Sink
Collected: 5/14/2022 8:16:00 AM
Lab ID: 012207723-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.57	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:27

Client Sample Description SBHSS4
Kitchen Sink
Collected: 5/14/2022 8:17:00 AM
Lab ID: 012207723-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:29

Client Sample Description SBHSF7
Cafeteria B
Collected: 5/14/2022 8:20:00 AM
Lab ID: 012207723-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.91	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:31

Client Sample Description SBHSIM1
Trainer's Office Ice Machine
Collected: 5/14/2022 8:24:00 AM
Lab ID: 012207723-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:34

**EMSL Analytical, Inc.**

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

EMSL Order: 012207723

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 - High School/Middle School 22-213

Analytical Results

Client Sample Description SBHSF16
Hallway by Room 228
Collected: 5/14/2022 8:26:00 AM
Lab ID: 012207723-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.63	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:36

Client Sample Description SBHSF20
Hallway by Room 203
Collected: 5/14/2022 8:29:00 AM
Lab ID: 012207723-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:38

Client Sample Description SBHSAB-1
District Office by Men's & Women's Bathroom
Collected: 5/14/2022 8:34:00 AM
Lab ID: 012207723-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/26/2022 VD	5/26/2022 VD 19:40

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: CinnaminsonLeadLab@emsl.com

012207723

Customer ID: RAMA51		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	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 Name/No: Saddle Brook School District - High School/Middle School 22-213			
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)	Purchase Order:
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 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 ☐ % 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	☐
	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
WIPE ☐ ASTM ☐ NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
TCLP	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
SPLP	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
TTLIC	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
STLC	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
Soil	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO ₃ ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Drinking Water Unpreserved ☒ PH<2 Preserved with HNO ₃ ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
	40 CFR Part 50	ICP-OES	12 µg/filter	☐
TSP/SPM Filter				☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1 SBHS-FB	Field BLANK	250 ml	5-14-22 / 8:01 AM
2 SBHSS5	Nurse's office	250 ml	5-14-22 / 8:03 AM
3 SBHSFI4	Hallway by Nurse's office	250 ml	5-14-22 / 8:04 AM
4 SBHSFI4WB	Hallway by Nurse's office	250 ml	5-14-22 / 8:05 AM
5 SBHSFI	Hallway by Room 110	250 ml	5-14-22 / 8:07 AM

Method of Shipment: Drop off	Sample Condition Upon Receipt:
Relinquished by: <i>Rat</i>	Received by: <i>MISCATAWAY</i>
Date/Time: 5-16-22 / 12:30pm	Date/Time: 5/16/22 14:36
Relinquished by:	Received by: <i>NW</i> courier
Date/Time:	Date/Time: 5/16/22 8:50pm

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

*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

Ellyn 5/17/22 9am
HNO₃ added 5/17/22 8pm *JK*

EMAIL: CinnamisonLeadLab@gmail.com

012207723

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

HS/MS

Date/Time

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

Page 2 Of 2