



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

CLIENT: Springfield.. Public Schools Project Number 21-358
PROJECT: Lead (Pb) in Water Sampling Florence M. Gaudineer Middle School
ADDRESS: 75 S. Springfield Avenue, Springfield NJ 07081
FIELD TECHNICIANS: Leonardo Bitondo REPORT DATE: September 15, 2021

As per your request, EnviroVision Consultants, Inc. was contracted by Springfield Public Schools to conduct Lead (Pb) in water sampling at the Gaudineer Middle School on August 27, 2021. The sample locations, in addition to a unique sample location code was determined/assigned by school district personnel. The school district performed the proper flushing of 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.

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).

Six of the eight initially requested samples were collected from the Gaudineer Middle School. The remaining water outlets were either permanently out of service or disabled due to Covid-19 restrictions.

Results: All of the samples analyzed were either "None Detected" or less the EPA established threshold for lead in drinking water. When a water outlet/faucet meets or exceeds the USEPA threshold, EnviroVision recommends that the outlet/faucet be immediately put out of service until the system can be further evaluated and proper remedial action is achieved.



Page 2 (Florence M. Gaudineer Middle School)

Project Number 21-358

If 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: **Leonardo Bitondo**
EnviroVision Consultants, Inc
20-21 Wagaraw Rd
Bldg 35E
Fair Lawn, NJ 07410

9/13/2021

Phone: (973) 636-9145

Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/30/2021. The results are tabulated on the attached data pages for the following client designated project:

Florence Gaudineer Middle School

The reference number for these samples is EMSL Order #012110099. 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:

Phillip Worby, Environmental 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: 012110099

CustomerID: RAMA51

CustomerPO:

ProjectID:

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

Phone: (973) 636-9145
 Fax: (973) 636-9144
 Received: 8/30/2021 09:00 AM

Project: **Florence Gaudineer Middle School****Analytical Results**

Client Sample Description WC1-FGBF **Collected:** 8/27/2021 **Lab ID:** 012110099-0001
 Bottle Filler 6:05:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/9/2021 VD	9/9/2021 14:29 VD

Client Sample Description KC1-FG **Collected:** 8/27/2021 **Lab ID:** 012110099-0002
 Kitchen Sink 6:07:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	12.7	1.00 µg/L	9/9/2021 VD	9/9/2021 14:30 VD

Client Sample Description WC4-FGBF **Collected:** 8/27/2021 **Lab ID:** 012110099-0003
 Bottle Filler 6:10:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/9/2021 VD	9/9/2021 14:32 VD

Client Sample Description P01-FG **Collected:** 8/27/2021 **Lab ID:** 012110099-0004
 Sink 6:12:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.95	1.00 µg/L	9/9/2021 VD	9/9/2021 14:33 VD

Client Sample Description WC5-FGBF **Collected:** 8/27/2021 **Lab ID:** 012110099-0005
 Bottle Filler 6:15:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/9/2021 VD	9/9/2021 14:37 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: 012110099

CustomerID: RAMA51

CustomerPO:

ProjectID:

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

Phone: (973) 636-9145
Fax: (973) 636-9144
Received: 8/30/2021 09:00 AM

Project: **Florence Gaudineer Middle School****Analytical Results**

Client Sample Description	WC2-FGBF Bottle Filler	Collected:	8/27/2021 6:18:00 AM	Lab ID:	012110099-0006
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/9/2021 VD	9/9/2021 14:39 VD

Client Sample Description	Blank Blank	Collected:	8/27/2021 6:21:00 AM	Lab ID:	012110099-0007
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/9/2021 VD	9/9/2021 14:43 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

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

012110099

200 Rt. 130 N
Chinaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: EnvChemistry@EMSL.com

EMSL ANALYTICAL, INC.

Customer ID:		Billing ID:	
Company Name: EnviroVision		Company Name: U.S.A.M.E.	
Contact Name: Leonardo Bitondo		Billing Contact:	
Street Address: 20-21 Wagaraw Road-Bldg. 35E		Street Address:	
City, State, Zip: Fair Lawn, New Jersey		City, State, Zip:	
Phone: 973 636 9145		Phone:	
Email(s) for Report: Envirovision@optonline.net		Email(s) for Invoice:	

Project Name/No: Fabrice Gaudner Middle School		State of Connecticut (CT) must select project location:	
EMSL LIMS Project ID: (if applicable, EMSL will provide)		Residential (Non-Taxable) ☐ Commercial (Taxable) ☐ PWS ID: NJ	
Samples for Compliance? ☐ Yes ☐ No		If Yes, for NPDES? ☐ Yes ☐ No	
Samples Collected by (Check One): ☐ EMSL ☒ CLIENT		Samples Received Chilled? ☐ Yes ☐ No	
Sampled By Name: Jordan Pysko		Sampled By Signature: <i>Jordan Pysko</i>	
Turn-Around-Time (TAT): 2 Weeks		Standard Turn-Around-Time: ☒ 2 Weeks ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day	

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Test(s) Needed (Write in test below, then check on sample line.)										Comments
						1 HCL	2 HNO3	3 H2SO4	4 ICE	5 Other	6 Describe below in Special Instructions	Test 1	Test 2	Test 3	Test 4	
1 WCL-FGBF	☒	☒	8/27/21 0605	W	2	☒	☒	☒	☒	☒	Lead in Drinking Water	☒	☒	☒	☒	Bottle Filler
2 KCL-FG	☒	☒	8/27/21 0607	W	2	☒	☒	☒	☒	☒		☒	☒	☒	☒	Kitchen Sink
3 WCL-FGBF	☒	☒	8/27/21 0612	W	2	☒	☒	☒	☒	☒		☒	☒	☒	☒	Bottle Filler
4 PCL-FG	☒	☒	8/27/21 0612	W	2	☒	☒	☒	☒	☒		☒	☒	☒	☒	Sink

Reporting Requirements: ☐ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ HazResults EDD ☐ Excel ☐ Other (Describe Above)	
Method of Shipment: Drop off	
Relinquished by: Jordan Pysko	Date/Time: 8/24/21
Relinquished by:	Date/Time:

Controlled Document - COC-07 Chemistry R11 02/26/2021 ☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

Signature: *John Coverier* Date/Time: **8/27/21 8:50 pm**

Signature: *Evelyn* Date/Time: **08/30/21 9:00 am**

Signature: *Rev. presumer* Date/Time: **08/30**

Page 1 of 2

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
E-MAIL: EnvChemistry2@EMSL.com

EMSL ANALYTICAL, INC.

012110099

Flower Garden Middle School

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Test(s) Needed (Write in test below, then check on sample line.)								Comments
						Test 1: Lead in Water	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	
5 WGS-FGBF	☒	☒	8/27/21	W	2	☒	☐	☐	☐	☐	☐	☐	☐	Bottle Filler
6 WGS-FGBF	☒	☒	8/28/21	W	2	☒	☐	☐	☐	☐	☐	☐	☐	Bottle Filler
7 Blank	☒	☒	8/27/21	W	2	☒	☐	☐	☐	☐	☐	☐	☐	Blank
	☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
	☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	

Method of Shipment: <i>Drop off</i>	
Relinquished by: <i>Jordan Rysko</i>	Date/Time: <i>8/27/21</i>
Relinquished by:	Date/Time:

Sample Condition Upon Receipt:	
Received by:	Date/Time:
Received by:	Date/Time:

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

Controlled Document - CQC-07 Chemistry R11 02/26/2021

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.

BY *EMSL PISCATAWAY*

Springfield Public Schools

1/04/17

Version 01

Drinking Water Outlet Inventory

(Complete for each school)

Name of School: Florence Gaudineer middle School Address: 75 South Springfield Ave

Grade Levels: 6,7,8 Year School Constructed: 1952 Renovated/Additions: 1957, 1966

Individual school project officer Name/Signature: _____ Date Completed: _____

# ¹	Type	Location	Code	Operational ² (Y/N)	Signs of Corrosion ³ (Y/N)	Filter ⁴ (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Comments
											Make	Model	
1	Water cooler	Hallway by room 20	WC1	Yes	No	Yes	No	Yes	Yes	Yes	Elkay	EZ20 lzwsric	
2	Cold water faucet	Cafeteria	KC1	Yes	No	No	No	No	No	No	Unknown		
3	Water cooler	Main hallway by main office	WC4	Yes	No	Yes	No	Yes	Yes	Yes	Elkay	EZ20 LZWSRI C	
4	Cold water faucet	Principal's office	PO1	Yes	No	No	Yes	Yes	No	No	Unknown		

¹ Number outlets starting at the closest outlet to the Point of Entry (POE).

² Document if permanently or temporarily out of service on the Attachment B- Plumbing Profile.

³ Signs of corrosion detected, such as but not limited to frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry.

⁴ Document on Attachment D- Filter Inventory.

Springfield Public Schools

BAUDINEER MS

1/04/17

Version 01

5	Water cooler	8th grade hallway	WC5		Yes	No	No	Yes	No	Yes	Yes	Yes	Elkay	EZ20 LZWSRI C	Removed 8/2020
6	Water fountain	8th grade hallway	DW1		Yes	No	No	No	Yes	No	No	No	Elkay		
7	Water cooler	Hallway by room 31	WC2		Yes	No	No	Yes	Yes	Yes	Yes	Yes	Elkay	EZ20 LZWSRI C	
8	Water cooler	2nd floor hallway	WC3		Yes	No	Yes	No	Yes	No	Yes	Yes	Elkay	``w223f crfcfrtvg	