

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

Project Number 22-106

Garfield School District CLIENT: PROJECT: Lead in Drinking Water

Woodrow Wilson School ADDRESS: 205 Outwater Ln., Garfield, NJ 07026 Report Date: June 15, 2022

Field Technician: Leonardo Bitondo

As per your request, EnviroVision Consultants, Inc. was contracted by Garfield Public School District to conduct Lead (Pb) in water sampling at the Woodrow Wilson School (#5) on May 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 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 samples were collected from the Woodrow Wilson School. An additional sample was collected, as required, for Quality Assurance purposes.

Results: Five of the samples analyzed were either "None Detected" or less than the EPA established threshold for lead in drinking water. However, one of the samples was above the allowable limit established by The United States Environmental Protection Agency (USEPA) of 15 parts per billion (ppb) or ug/L. When a water outlet/faucet meets or exceeds the USEPA threshold, EnviroVision recommends that the outlet/faucet be put out of service until the system can be further evaluated and proper remedial action is achieved.



Page 2 (Woodrow Wilson School)

Project Number 22-106

WOODROW WILSON SCHOOL - LEAD(Pb) in Water Results of Concern

Outlet ID/Sample Number	Location	Results				
1-WW-KS	Kitchen	32.6 ppb, ug/L				

Note* 1ppb = 1ug/L

Due to the elevated level in the above-mentioned outlet, we recommend that some or all of the following steps be taken at this time.

- ➤ Closure of the affected water outlet(s) until the system can be further evaluated and proper remedial action is achieved.
- > Removal and replacement with non-lead containing fixtures.
- > Installation of filtration systems.
- Development of a Flushing Program for those taps high in lead and turbidity (this may include automatic flushing systems).
- > Contact the local water utility company to obtain information about their corrosion control procedures and how it might affect the District's control plans.
- > Permanent closure of outlet(s).

Once the remedial action(s) are complete, follow up testing is required to ensure alterations/replacement to plumbing fixtures has lowered the amount of lead to acceptable levels.

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

Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com Phone: (856) 303-2500

Attn:

EnviroVision Consultants, Inc. **EnviroVision Consultants, Inc** 20-21 Wagaraw Rd Blda 35E

Fair Lawn, NJ 07410

Fax:

Phone: (973) 636-9145

(973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/24/2022. The results are tabulated on the attached data pages for the following client designated project:

22-106 Garfield Public Schools - Woodrow Wilson #5

The reference number for these samples is EMSL Order #012208438. 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.

6/13/2022



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 (856) 303-2500 / (856) 858-4571 Phone/Fax:

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

CustomerID: ProjectID:

012208438 RAMA51

CustomerPO:

EMSL Order:

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

Fax: Received:

Phone:

(973) 636-9144 5/24/2022 09:00 AM

(973) 636-9145

Project: 22-106 Garfield Public Schools - Woodrow Wilson #5

Analytical Results

		Analytical F	Results			
Client Sample Description	1-WW-KS Kitchen		Collected:	5/21/2022 8:45:00 AM		012208438-0001
Method P	Parameter	Result	RL Uni	its _{medial} erikan	Prep Date & Analyst	Analysis Date & Analyst
METALS	ting Green and Color of Colors of Colors and					
200.8 L	ead	32.6	1.00 µg/		6/ 7/ 2022 VD	6/8/2022 05:51 VD
Client Sample Description	2-WW-KS Kitchen		Collected;	5/21/2022 8:46:00 AM	Lab ID:	012208438-0002
Method P	arameter 1	Result	RL Uni	165 (12 (12 (2) (2) (2) (2) (2)	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200,8 Le	ead	6.80	1,00 µg/l	2003 2003 2003 2003 2003 2003 2003 2003	6/7/2022 VD	6/8/2022 05:53 VD
Client Sample Description	3-WW-KS Kitchen		Collected:	5/21/2022 8:47:00 AM	Lab ID:	012208438-0003
Method P	arameter :	ria in the second of the seco	RL Uni	ts and owner	Prep Date & Analyst	Analysis Date & Analyst
METALS						
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Client Sample Description	4-WW-BF Basement		Collected:	5/21/2022 8:48:00 AM	Lab ID:	012208438-0004
Method P.	arameter	Result	RL Uni	CS TO STATE OF THE	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8 Le	ead	ND		454) - Colebb	6/7/2022 VD	6/8/2022 05:59 VD
Client Sample Description	5-WW-BF 1st Floor		Collected:	5/21/2022 8:49:00 AM	Lab ID:	012208438-0005
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METALS						
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EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

Attn: EnviroVision Consultants, Inc.

20-21 Wagaraw Rd

EnviroVision Consultants, Inc

EnvChemistry2@emsl.com

(973) 636-9145

Phone:

Fax:

(973) 636-9144

Received:

5/24/2022 09:00 AM

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

6/7/2022

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6/8/2022 06:07

012208438

RAMA51

Fair Lawn, NJ 07410

Bldg 35E

Project: 22-106 Garfield Public Schools - Woodrow Wilson #5

Analytical Results

5/21/2022 Lab ID: Client Sample Description 6-WW-BF Collected: 012208438-0006 2nd Floor 8:50:00 AM Prep Analysis RL Units Date & Analyst Date & Analyst Parameter Result Method **METALS** ND VD 1,00 µg/L 6/7/2022 6/8/2022 06:02 VD Lead 200,8 WW-BLANK Collected: 5/21/2022 Lab ID: 012208438-0007 Client Sample Description 8:51:00 AM Blank Prep Analysis Date & Analyst Parameter Result RL Units Date & Analyst Method **METALS**

1.00 µg/L

Definitions:

200.8

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

OrderID: 012208438

Lead Chain of Custody

EMSL Order Number / Lab Use Only

Emai Analytical, mic. 200 Route 130 North Cinnaminson, NJ 08077

012208438

PHONE: (800) 220-3675

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Customer ID						Wing ID:						
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Lead Chain of Custody EMSL Order Number / Lab Use Only

EMSL Analytical, Inc. 200 Route 130 North Cinnaminson, NJ 08077

012206438

PHONE: (800) 220-3675 EMAIL: CinnaminsonLeadLab@emsl.com

Sample Number	Sample	Location	Volume / Area	Date / Time Sampled
6-WW-BF WW-Blank	and	Floor	250	850
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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.

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