



**EnviroVision**  
Consultants, Inc.

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

CLIENT: Garfield Public Schools Project Number 22-106  
PROJECT: Lead in Drinking Water Washington Irving School  
ADDRESS: 12 Madonna Pl, 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 drinking water sampling at the Washington Irving School (School #4) 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 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: Three samples were collected from the Washington Irving School. All of the samples analyzed were either "None Detected" or less than the US EPA threshold for Lead in drinking water of 15 parts per billion (ppb) or ug/L. 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.

Note: 1 ppb = 1ug/L

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](mailto:EnvChemistry2@emsl.com)

Attn:

**EnviroVision Consultants, Inc.**

6/8/2022

**EnviroVision Consultants, Inc**

**20-21 Wagaraw Rd**

**Bldg 35E**

**Fair Lawn, NJ 07410**

Phone: (973) 636-9145

Fax: (973) 636-9144

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

**22-106 Garfield Public Schools - Washington Irving School**

The reference number for these samples is EMSL Order #012208444. 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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012208444  
 CustomerID: RAMA51  
 CustomerPO:  
 ProjectID:

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

Phone: (973) 636-9145  
 Fax: (973) 636-9144  
 Received: 5/24/2022 09:00 AM

Project: 22-106 Garfield Public Schools - Washington Irving School

**Analytical Results**

**Client Sample Description** 1-WI-KS **Collected:** 5/21/2022 **Lab ID:** 012208444-0001  
 Kitchen 10:14:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	7.63	1.00 µg/L	6/6/2022 KG	6/6/2022 20:32 VD
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**Client Sample Description** 2-WI-KS **Collected:** 5/21/2022 **Lab ID:** 012208444-0002  
 Kitchen 10:15:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	1.28	1.00 µg/L	6/6/2022 KG	6/6/2022 20:34 VD
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**Client Sample Description** 3-WI-KS **Collected:** 5/21/2022 **Lab ID:** 012208444-0003  
 Kitchen 10:16:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	1.09	1.00 µg/L	6/6/2022 KG	6/6/2022 20:35 VD
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**Client Sample Description** WI-Blank **Collected:** 5/21/2022 **Lab ID:** 012208444-0004  
 Blank 10:17:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	ND	1.00 µg/L	6/6/2022 KG	6/6/2022 20:37 VD
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**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



### 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

012208444

PHONE: (609) 220-3575

EMAIL: CinnaminsonLeadLab@emsl.com

<b>Customer Information</b> Customer ID: _____ Company Name: <b>EnviroVision Consultants, Inc</b> Contact Name: <b>EnviroVision Consultants, Inc</b> Street Address: <b>20-21 Wagaraw Rd Bldg 35E</b> City, State, Zip: <b>Fair Lawn, NJ 07410</b> Country: <b>US</b> Phone: <b>973-636-9145</b> Email(s) for Report: <b>info@envirovisionconsultants.com</b>	<b>Billing Information</b> Billing ID: _____ Company Name: <b>EnviroVision Consultants, Inc</b> Billing Contact: <b>EnviroVision Consultants, Inc</b> Street Address: <b>20-21 Wagaraw Rd Bldg 35E</b> City, State, Zip: <b>Fair Lawn, NJ 07410</b> Country: <b>US</b> Phone: <b>973-636-9145</b> Email(s) for Invoice: <b>info@envirovisionconsultants.com</b>
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<b>Project Information</b>	
Project Name/No: <b>22-106 Garfield Public Schools - Washington Irving School</b>	Purchase Order: _____
EMSL LIMS Project ID: _____ <small>(if applicable, EMSL will provide)</small>	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: <b>Leo Bitondo</b>	Sampled By Signature: <i>[Signature]</i> 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 <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/m <sup>3</sup>	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"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/m <sup>3</sup>	<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"/> PDH-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"/>
TCLP	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"/>
TTL	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 HNO <sub>3</sub> <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"/>	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Preserved with HNO <sub>3</sub> <input type="checkbox"/> PH<2	Other: _____			<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1. 1-WI-KS	Kitchen	250 mL	5/21/22 1014
2. 2-WI-KS	Kitchen	250	1015
3. 3-WI-KS	Kitchen	250	1016
4. WI-Blank	Blank	250	1017

Method of Shipment: _____	Sample Condition Upon Receipt: <b>HNO<sub>3</sub> added 5/24/22 8:15 AM</b>
Relinquished by: <i>[Signature]</i> Date/Time: _____	Received by: <i>[Signature]</i> (WL)      Date/Time: <b>5/23/22 10:20</b>
Relinquished by: _____      Date/Time: _____	Received by: <i>[Signature]</i> Date/Time: <b>5/23/22 8:05 PM</b>