



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: Old Tappan School District  
PROJECT: Lead in Drinking Water  
ADDRESS: 275 Old Tappan Rd, Old Tappan, NJ 07675  
Field Technician: Robert Vandembree

Project Number 22-107  
Charles Dewolf Middle School

Report Date: May 6, 2022

As per your request, EnviroVision Consultants, Inc. was contracted by the Old Tappan School District to conduct Lead (Pb) in drinking water sampling at the Charles Dewolf Middle School on April 19, 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: Thirteen samples were collected from the T. Baldwin Demarest 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**

5/5/2022

Phone: (973) 636-9145

Fax: (973) 636-9144

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/20/2022. The results are tabulated on the attached data pages for the following client designated project:

**Old Tappan School District - Charles Dewolf Middle School 22-107**

The reference number for these samples is EMSL Order #012206464. 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: 012206464

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: 4/20/2022 09:00 AM

Project: **Old Tappan School District - Charles Dewolf Middle School 22-107****Analytical Results**

<b>Client Sample Description</b>	CDW-001 Teacher's Lounge - Sink	<b>Collected:</b>	4/19/2022 7:14:00 AM	<b>Lab ID:</b>	012206464-0001
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.65	1.00 µg/L	5/4/2022 VD	5/4/2022 17:39 VD

<b>Client Sample Description</b>	CDW-002-F 400 Wing - Water Cooler	<b>Collected:</b>	4/19/2022 7:17:00 AM	<b>Lab ID:</b>	012206464-0002
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 17:47 VD

<b>Client Sample Description</b>	CDW-002-BWF 400 Wing - Water Cooler	<b>Collected:</b>	4/19/2022 7:19:00 AM	<b>Lab ID:</b>	012206464-0003
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 17:49 VD

<b>Client Sample Description</b>	CDW-003-F 300 Wing - Water Cooler	<b>Collected:</b>	4/19/2022 7:22:00 AM	<b>Lab ID:</b>	012206464-0004
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 17:50 VD

<b>Client Sample Description</b>	CDW-003-WBF 300 Wing - Water Cooler	<b>Collected:</b>	4/19/2022 7:24:00 AM	<b>Lab ID:</b>	012206464-0005
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Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 17:52 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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012206464

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: 4/20/2022 09:00 AM

Project: **Old Tappan School District - Charles Dewolf Middle School 22-107****Analytical Results**

**Client Sample Description** CDW-004-WBF **Collected:** 4/19/2022 **Lab ID:** 012206464-0006  
 100 Wing - Water Cooler 7:27:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 17:53 VD

**Client Sample Description** CDW-005-F **Collected:** 4/19/2022 **Lab ID:** 012206464-0007  
 200 Wing - Water Cooler 7:30:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 17:55 VD

**Client Sample Description** CDW-005-WBF **Collected:** 4/19/2022 **Lab ID:** 012206464-0008  
 200 Wing - Water Cooler 7:32:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 17:56 VD

**Client Sample Description** CDW-006 **Collected:** 4/19/2022 **Lab ID:** 012206464-0009  
 Gym - Sink 7:35:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.89	1.00 µg/L	5/4/2022 VD	5/4/2022 17:58 VD

**Client Sample Description** CDW-007-F **Collected:** 4/19/2022 **Lab ID:** 012206464-0010  
 Rossi Gym - Water Cool 7:37:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 18:00 VD

**EMSL Analytical, Inc.**

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http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: 012206464

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: 4/20/2022 09:00 AM

Project: **Old Tappan School District - Charles Dewolf Middle School 22-107****Analytical Results**

**Client Sample Description** CDW-007-WBF **Collected:** 4/19/2022 **Lab ID:** 012206464-0011  
 Rossi Gym - Water Cool 7:39:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 18:04 VD

**Client Sample Description** CDW-008 **Collected:** 4/19/2022 **Lab ID:** 012206464-0012  
 Nurse's Office - Sink 7:43:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	8.33	1.00 µg/L	5/4/2022 VD	5/4/2022 18:09 VD

**Client Sample Description** CDW-009 **Collected:** 4/19/2022 **Lab ID:** 012206464-0013  
 Board of Education - Sink 7:47:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.99	1.00 µg/L	5/4/2022 VD	5/4/2022 18:10 VD

**Client Sample Description** CDW-010 **Collected:** 4/19/2022 **Lab ID:** 012206464-0014  
 Blank 7:00:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 VD	5/4/2022 18:12 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



EMSL ANALYTICAL, INC.  
TESTING LABS • PRODUCTS • TRAINING

## Lead Chain of Custody

EMSL Order Number / Lab Use Only

012206464

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

PHONE: (800) 220-3675

EMAIL: Cinnaminson.LeadLab@emsl.com

Customer ID: RAMA51		Billing ID: RAMA51	
Company Name: EnviroVision Consultants Inc.		Company Name: EnviroVision Consultants.com	
Contact Name: Frederick Lason		Billing Contact: Frederick Larson	
Street Address: 20-21 Wagaraw Rd. Suite 35E		Street Address: 20-21 Wagaraw Rd. Suite 35E	
City, State, Zip: Fair Lawn, NJ 07410	Country: Bergen	City, State, Zip: Fair Lawn, NJ 07410	Country: Bergen
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: Old Tappan School District- Charles Dewolf Middle School 22-107		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: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: Robert Vandenberg	Sampled By Signature:	No. of Samples in Shipment

  

Turn-Around-Time (TAT)				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 32 Hour	<input type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 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/cm <sup>2</sup>	SW 846-7000B	Flame Atomic Absorption	0.005% (50ppm)	<input type="checkbox"/>
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-8010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<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"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
*If no box is checked, non-ASTM Wipe is assumed	SW 846-8010D*	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 846-8010D*	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 846-8010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-8010D*	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 846-8010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-8010D*	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"/>				
Preserved with HNO <sub>3</sub> <input type="checkbox"/> PH<2				
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

  

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1 CW-001	Teacher's Lounge - Sink	250 ml	4-19-22 / 7:14 Am
2 CW-002-F	400 Wing - Water Cooler	250 ml	4-19-22 / 7:17 Am
3 CW-002-BWF	400 Wing - Water Cooler	250 ml	4-19-22 / 7:19 Am
4 CW-003-F	300 Wing - Water cooler	250 ml	4-19-22 / 7:22 Am
5 CW-003-WBF	300 Wing - Water cooler	250 ml	4-19-22 / 7:24 Am

  

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: <i>[Signature]</i>	Date/Time: 4-19-22 / 12:12	Received by: <i>[Signature]</i>	Date/Time: 4-19-22 @ 1:35
Relinquished by:	Date/Time:	Received by: <i>[Signature]</i>	Date/Time: 4/19/22 7:40 PM

Controlled Document - CDC-25 Used R16 4/19/2021

\*8010C 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

