

Enviro Vision 20-21 Wagaraw Road - Bldg. 35E, Fair Lawn, NJ 07410 PH (973) 636-9145 Fmail: Environision@entonline pet Email: Envirovision@optonline.net

Old Tappan School District CLIENT: PROJECT: Lead in Drinking Water

Project Number 22-107 T. Baldwin Demarest School

ADDRESS: 1 School Street, Old Tappan, NJ 07675

Report Date: May 6, 2022

Field Technician: Robert Vandenbree

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 T. Baldwin Demarest Elementary 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 After flushing, the water in the facility must remain utilizing any water outlets. 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 "None Detected" 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



200 Route 130 North, Cinnaminson, NJ 08077

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

Attn:

Frederick Larson **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 4/20/2022. The results are tabulated on the attached data pages for the following client designated project:

Old Tappan School District - T. Baldwin Demarest School 22-107

The reference number for these samples is EMSL Order #012206458. 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.

5/5/2022



Project: Old Tappan School District - T. Baldwin Demarest School 22-107

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com CustomerID: CustomerPO: 012206458

RAMA51

ProjectID:

EMSL Order:

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

Analytical Results Collected: 4/19/2022 Lab ID: 012206458-0001 Client Sample Description TB-001 APR Kitchen Sink 8:05:00 AM Prep Analysis Date & Analyst Date & Analyst **RL Units** Result Method Parameter **METALS** 5/4/2022 VD 5/4/2022 18:18 VD ND 1.00 µg/L 200.8 Lead Lab ID: 012206458-0002 Client Sample Description Collected: 4/19/2022 TB-002-F 8:09:00 AM APR - Water Cooler Analysis Prep Date & Analyst Date & Analyst **RL Units** Method Parameter Result **METALS** VD 5/4/2022 18:26 VD ND 1.00 µg/L 5/4/2022 200.8 Lead 4/19/2022 Lab ID: 012206458-0003 Client Sample Description Collected: TB-002-WBF 8:11:00 AM APR - Water Cooler Prep Analysis Date & Analyst Date & Analyst **RL** Units Method Parameter Result **METALS** 5/4/2022 18:28 VD 1.00 µg/L 5/4/2022 VD ND 200.8 Lead 012206458-0004 Collected: 4/19/2022 Lab ID: Client Sample Description TB-003-F 8:13:00 AM Main Offices - Water Cooler Pren Analysis RL Units Date & Analyst Date & Analyst Result Method Parameter **METALS** 5/4/2022 VD 5/4/2022 18:29 VD ND 1.00 µg/L 200.8 Lead 012206458-0005 4/19/2022 Lab ID: TB-003-WBF Collected: Client Sample Description 8:15:00 AM Main Offices - Water Cooler Analysis Prep Date & Analyst Result **RL Units** Date & Analyst Method Parameter **METALS**

ND

1.00 µg/L

5/4/2022 18:31 VD

5/4/2022

VD

Lead

200.8



Project: Old Tappan School District - T. Baldwin Demarest School 22-107

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EnvChemistry2@emsl.com

EMSL Order:

012206458

CustomerID:

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

Phone:

(973) 636-9145

Fax: Received: (973) 636-9144

4/20/2022 09:00 AM

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		Analytical	10001100			
Client Sample Description	TB-004 Nurse's Office-Sink		Collected:	4/19/2022 8:19:00 AM	Lab ID:	012206458-0006
Method P	arameter	Result	RL Unit	S	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8 Le	ead colonia section and the section of the section	ND	1.00 μg/L		5/4/2022 VD	5/4/2022 18:32 VD
Client Sample Description	TB-005-F Room 209 - Water Cooler		Collected:	4/19/2022 8:22:00 AM	Lab ID:	012206458-0007
Method P	arameter	Result	RL Unit	S	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8 L	ead	ND	1.00 µg/L		5/4/2022 VD	5/4/2022 18:34 VD
Client Sample Description	TB-005-WBF Room 209 - Water Cooler		Collected:	4/19/2022 8:24:00 AM		012206458-0008
Method P	arameter	Result	RL Unit	S (138)	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8 L	ead	ND	1.00 µg/L		5/4/2022 VD	5/4/2022 18:35 VD
Client Sample Description	TB-006-F Room 213 - Water Cooler		Collected:	4/19/2022 8:26:00 AM		012206458-0009
					Prep	Analysis
Method F	'arameter	Result	RL Unit	'S	Date & Analyst	Date & Analyst
Method P METALS	'arameter	Result	RL Unit	(S	Date & Analyst	Date & Analyst
METALS	ead	Result ND	<i>RL Unit</i> 1.00 μg/L		Date & Analyst 5/4/2022 VD	
METALS					5/4/2022 VD Lab ID:	Date & Analyst 5/4/2022 18:37 VD 012206458-0010
METALS 200.8 L Client Sample Description	ead TB-006-WBF		1.00 µg/L	4/19/2022 8:28:00 AM	5/4/2022 VD Lab ID:	5/4/2022 18:37 VC
METALS 200.8 L Client Sample Description	ead TB-006-WBF Room 213 - Water Cooler	ND	1.00 µg/L Collected:	4/19/2022 8:28:00 AM	5/4/2022 VD Lab ID:	5/4/2022 18:37 VE 012206458-0010 Analysis



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

http://www.EMSL.com

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EMSL Order:

012206458

CustomerID:

RAMA51

CustomerPO: ProjectID:

Attn: Frederick Larson **EnviroVision Consultants, Inc** 20-21 Wagaraw Rd

Bldg 35E

Fair Lawn, NJ 07410

Project: Old Tappan School District - T. Baldwin Demarest School 22-107

Phone:

(973) 636-9145

Fax:

(973) 636-9144

Received:

4/20/2022 09:00 AM

Analytical Posults

		Analytical I	Results			
Client Sample Description	TB-007 Teacher's Lounge - Sink			4/19/2022 30:00 AM	Lab ID:	012206458-0011
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND -	1.00 µg/L		5/4/2022 VD	5/4/2022 18:43 VD
Client Sample Description	TB-008-F Gym - Water Cooler			4/19/2022 34:00 AM	Lab ID:	012206458-0012
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 µg/L		5/4/2022 VD	5/4/2022 18:48 VD
Client Sample Description	TB-008-WBF Gym - Water Cooler			4/19/2022 :36:00 AM	Lab ID:	012206458-0013
Method 1	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 µg/L	1916 (Sec. 1916) 1916 (Sec. 1916)	5/4/2022 VD	5/4/2022 18:49 VD
Client Sample Description	TB-009 Blank		Collected:	4/19/2022	Lab ID:	012206458-0014
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS					HINDANIA DA PARA MANTENIA MANTANIA MANTANIA MANTANIA MANTANIA MANTANIA MANTANIA MANTANIA MANTANIA MANTANIA MAN	lika zipozniki, proviki liginički princi rovik pometok čiško.
200.8	Lead	ND	1.00 µg/L		5/4/2022 VD	5/4/2022 18:51 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



Lead Chain of Custody EMSL Order Number / Lab Use Only

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

012206458

PHONE: (800) 220-3675

Customer ID: RAMA51		e i ja	RAM	151	E.V	IAIL: Commitment and abigu	
<u> </u>	onsultants Inc	Company Ne		Vision Consul	tante ^	ces	
Company Name: Enviro Vision C Contact Name: Frederick Lasc Street Address: 20-21 Wagara				rick Larson	con no.c		
Street Address: 20L21 Magaza	w Rd. Suite 35E		11000	Wagaraw Rd. Si	ilea 250		
Cay, State, Zip: Fair Lawn, NJ			4- C. A. A.	awn, NJ 07410	***************************************	Account of the second of the s	
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		roject information		[Purchase	***************************************		
	ol District- T. Baldwin D		ol 22-	10+ one	ПВИ Чоромнані устані		
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empled By Name Robert Vand	[Campled By Signature:					No. of Samples	
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Reporting Limit based on a minimum 25g semple weight	SW 846-6010D*	ICP-0E8		0.0004% (4ppm)			
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ONTO	NIOSH 7300M / NIOSH 7303M NIOSH 7300M / NIOSH 7303M	ICP-OES CPAIS		0.5pg/filter			
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I no box is checked, non-ASTM Wilpe is sumed	SW 846-60100*	ICP-OES		1.0µg/wipa			
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ne	22 CCR App. II, SW 846-6010D*	ICP-OES	WENCHALL	2mg/kg (ppm)			
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ell	SW 846-7000B SW 848-8010D*	Flame Alomic Abs	orption	40mg/kg (opm) 2mg/kg (opm)	and the second second		
aster ster	SW 3111B / SW 846-7000B	Flame Atomic Abs	orption	0.4 mg/L (ppm	ana and a second		
preserved	EPA 200.7	ICP-OES		0.020 mg/L (ppm)			
reserved with HNO3	A CONTRACTOR OF THE CONTRACTOR	ICP-0ES		0.003 mg/L (ppn			
rinking Water	The second secon	A CONTRACTOR OF THE PARTY OF TH			-	Tale to the second seco	
reserved with HNO3 BAS	EPA 200.3	ICP-MS		0.001 mg/L (ppr	"		
SP/SPM Filter	40 CFR Part 50	(CP-OES		oracs 12 pp/liter		Samuel .	
Miler:					-		
Sample Number	Sample Location		Vo	tume / Area		Date / Time Sampled	
us 09/	APR Kitchen Sink		250		4-1	9-22 /8:05 AM	
						9-22 / 8:09 Am	
<u> </u>	APR - Water Cooler	THE RESERVE OF THE PARTY OF THE				1-22 / 8:11 Am	
18-002 -W8F	APR - WHIC COOKE						
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8-003-WBF	Main Offices - Water	- CodeC	7.5	/na	4-4	9-22/8:15 AM	
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4/20/22 9 hu Page 1 Of

Page 1 of 2

OrderID: 012206458



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

012206458

PHONE: (800) 220-3675

EMAIL: CinnaminacriLeadLab@arrist.com

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
r- 004-	Nurse's office - Sink	250m\	4-19-22/8:19 Am
Ns 005 - F	Room 209 - Water cooler	250m\	4-19-22 8:22 Am
18-005-WBF	Room 209 - Water cooler	255M	4-19-22 /9:24 Am
8-006-F	Room 213-Water Cooler	520W/	4-19-22/8:26 Am
18-006-WBF	Room 213- Water cooler	250 ml	4-19-22 / 8:28 AM
P00-8	Teacher's Lounge - Stak	250 m)	4-19-22 8:30 Am
8-008- F	Gym - Water Cooler	256 m)	4-19-22 / 8134 Am
8-008-WGF	Gym - Water Cooler	520 m/	4-19-22 8:36 Am
B-009	BLANK	256 MI	
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Method of Shipment:		nple Condition Upon Receipt:	anna ta fanoata de

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. constitute

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