

ENVIVOVISION 20-21 Wagaraw Road - Bldg. 35E, Fair Lawn, NJ 07410 PH (973) 636-9145 Fmail: Environision@entenline.net

Email: Envirovision@optonline.net

Garfield Public Schools CLIENT: PROJECT: Lead in Drinking Water Project Number 22-106 Garfield High School

ADDRESS: 500 Palisades Avenue, 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 Garfield High School 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: Seven samples were collected from the Garfield High 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 = 1 ug/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

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

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 - High School

The reference number for these samples is EMSL Order #012208441. 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 98077

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

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

012208441 RAMA51

CustomerPO:

ProjectID:

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

Project: 22-106 Garfield Public Schools - High School

Phone: Fax:

(973) 636-9145 (973) 636-9144

Received:

5/24/2022 09:00 AM

Analytical Results

Client Sample Description 1-HS-KS Collected: 5/21/2022 Lab ID: 012208441-0001 Kitchen 8:25:00 AM Prep Analysis Method Parameter Result RL Units Date & Analyst Date & Analyst **METALS** 200.8 ND 1.00 µg/L Lead 6/7/2022 VD 6/7/2022 22:41 VD Client Sample Description 2-HS-KS Collected: 5/21/2022 Lab ID: 012208441-0002 Kitchen 8:26:00 AM Analysis Prep Date & Analyst Method Parameter Result **RL Units** Date & Analyst **METALS** 6/7/2022 200.8 1,34 1,00 µg/L VD 6/7/2022 22:46 VD Client Sample Description 3-HS-KS Collected: 5/21/2022 Lab ID: 012208441-0003 Kitchen 8:27:00 AM Prep Analysis Date & Analyst Method Parameter Result RL Units Date & Analyst **METALS** 3.37 1.00 µg/L 6/7/2022 VD 6/7/2022 22:47 VD 200.8 Lead 4-HS-KS 5/21/2022 Client Sample Description Collected: Lab ID: 012208441-0004 8:28:00 AM Kitchen Analysis Prep Parameter Result RL Units Date & Analyst Date & Analyst Method **METALS** ND 1.00 µg/L 6/7/2022 VD 6/7/2022 22:49 VD 200.8 Lead Lab ID: Client Sample Description 5-HS-KS Collected: 5/21/2022 012208441-0005 Kitchen 8:29:00 AM Prep Analysis RL Units Date & Analyst Date & Analyst Method Parameter Result METALS 1.00 µg/L 6/7/2022 VD 6/7/2022 22:51 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:

012208441

CustomerID:

RAMA51

CustomerPO:

ProjectID:

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

Project: 22-106 Garfield Public Schools - High School

Phone: Fax:

(973) 636-9145 (973) 636-9144

Received:

5/24/2022 09:00 AM

Analytical Results

Client Sample Description

6-HS-ICE

Collected:

Lab ID:

012208441-0006

Kitchen

Parameter

RL Units

Prep

Date & Analyst

Analysis Date & Analyst

Method

200.8

METALS

1.00 µg/L

6/7/2022

Client Sample Description

7-HS-ICE

Collected:

5/21/2022 8:32:00 AM

5/21/2022

8:30:00 AM

Lab ID:

Lab ID:

۷D

012208441-0007

Trainers Area

Result

ND .

Result

RL Units

Prep Date & Analyst

Analysis Date & Analyst

6/7/2022 22:52 VD

Method **METALS**

200.8 Lead ND

1,00 µg/L |

6/7/2022

VD 6/7/2022 22:54

Client Sample Description

HS-Blank

Collected:

5/21/2022

012208441-0008

Blank

Parameter

8:33:00 AM

Method

Parameter

Result

ND

RL Units

1.00 µg/L

Prep Date & Analyst

6/7/2022 VD

Analysis Date & Analyst

6/7/2022 22:58 VD

VD

METALS

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: 012208441

Lead Chain of Custody

EMSL Order Number / Lab Use Only

ENISL Artarytical, IIIc. 200 Route 130 North Cinnaminson, NJ 08077

		and a		
012	100	1.11	11	
OIC	103	~/~/	1_	

PHONE: (800) 220-3675

	1010602111			EMAIL: CinnaminsonLeadLab@			
Customer ID:		Billing ID.					
Company Name EnviroVision C	6 Company Name:	5 Company Name: EnviroVision Consultants, Inc					
Contact Name: EnviroVision Co	onsultants, Inc	Billing Contact:	EnviroVision Consultants, Inc Billing Contact EnviroVision Consultants, Inc				
Street Address: 20-21 Wagaraw		Street Address:	20-21 Wagaraw Rd Bldg	35E			
City, State, Zip: Fair Lawn, NJ (City, State, Zip:						
Phone: 973-636-9145		Phone:	· · · · · · · · · · · · · · · · · · ·				
Email(s) for Report info@environ	visionconsultants.com	Email(s) for Involu	e: info@envirovisionconsulta	anis.com			
	realization realization of the second	roject information					
ojed me/No. 22-106 Garfield P	ublic Schools - 从のり	school	Purchase Order:				
ISL LIMS Project ID:	1.92	US State where	State of Connecticut (CT)	must select project location:			
eppicable, ENSL will wide)		samples collected:	Commercial (Ta	النسياب المسادر			
unipled By Name: Lee Biston	Sampled By Signature:	La financia		No. of Samples in Shipment			
		n-Around-Time (TAT)					
3 Hour 6 Hour	24 Hour 32 Hour	48 Hour 73	Hour 96 Hour	1 Week 🗸 2 Week			
	e can aboud for large projects and/or turneround limes 6 Hours						
MATRIX	METHOD	INSTRUMENT	REPORTING LIM	<u>SELECTION</u>			
NPS % by &t.	SW 846-7000B	Flame Atomic Absorpt	lon 0,008% (80ppm)	A STATE OF THE STA			
eporting Limit based on a minimum	SW 846-6010D*	ICP-OES	0.0004% (4ppm)				
25g sample welght	NIOSH 7082	Flame Atomic Absorpt		200 A 100 BOX Republican NASA			
10010	2801 LEONA	Figure Attitute Absorpt	lon 4µg/filter				
	NIOSH 7300M / NIOSH 7303M	NIOSH 7300M / NIOSH 7303M		144 May 140 Ma			
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter				
PE ASTM NO4-ASTM	SW 846-7000B	Flame Atomic Absorpti	on 10µg/wipe				
no box is checked, non-ASTM Wipe is sumed	SW 846-6010D*	ICP-OES-	1.0µg/wipe				
	SW 846-1311 / 70008 / SM 3111B	Fleme Atomic Absorpti	on 0.4 mg/L (ppm)				
LP	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	1922			
LP	SW 846-1312 / 7000B / SM 3111B	Flame Alomic Absorpti					
	SW 846-1312 / SW 846-6010D*	IGP-OES	0.1 mg/L (ppm)				
ic	22 GCR App. II, 7000B 22 GCR App. II, SW 846-6010D*	Flame Atomic Absorpti	on 40mg/kg (ppm) 2mg/kg (ppm)				
C 72.600	22 CCR App. II, 7000B	Flame Atomic Absorpti		2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
LC.	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)				
	SW 846-7000B	Flame Atomic Absorpti					
slewater	SW 846-6010D* SM 3111B / SW 846-7000B	ICP-OES Flame Atomic Absorpti	2mg/kg (ppm) on 0.4 mg/L (ppm)				
stewater preserved	100						
served with HNO3 PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)				
nking Water 7 Au ()	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	1 171			
oreserved QQQ () served with HNO3	EPA 200.8	ICP-MS	0.001 mg/L (ppm)) 🖟			
P/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filler	To a second			
er:	Property of the Control of the Contr	And the state of t					
Sample Number	Sample Location	aen.	Volume / Area	Date / Time Sampled			
1- HS-KS	Kitchen	250	in the state of th	5/21/22 825			
2-KS-KS	Kitchen	4		1 1000			
S-HS-KS	Kitchen			1 827			
- HS-KS	Kitchen		4	16 828			
5- HS-KS	K:tchen	K		829			
nod of Shipment:	n de la companya de La dela companya de la companya de	Sample Condition L	Ipon Receipt: HNO-2 0	idded 5/24/22 750 og			
nquished by:	Date/Time:	Received by	27 (INTT)	Date/Time 23.22002			
iquished by:	Date/Time:	Received by:	1/11	Detertine 5/23/22 8:50			
	199	The state of the s	W coursel				

OrderID: 012208441



Lead Chain of Custody

EMSL Older Number / Lab Use Only

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

PHONE: (800) 220-3675

Sample Number	Sample Location	Ehgo/ Volum	Volume / Area		Date / Time Sampled	
6- HS-JEEE 7- HS-ICE HS-Blunk	Kitchen Trainers wea Blank	250	250 ML		5/24/2 836	
		250	ML		832	
HS-Blunk	Blan K	250	ML	14	833	

					* * * * * * * * * * * * * * * * * * * *	
			 	- All and a second seco	manuscum en printer in Stemmande	
			, a a a minergales que de s estados estados estados estados en estados estados estados estados en estados estados en entre en estados en estados en estados en estados en estados en entre en estados en estados en estados en estados en estados en entre en estados en entre en estados en entre en estados en entre entre en entre entre en entre en entre en entre	**************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	The state of the s		lana ng katawa Malila na kata			
					11.4	
	The state of the s	and the second s		<u>*************************************</u>		
	And the second s					
						
			and the second second	· · · · · · · · · · · · · · · · · · ·		
	a parametra de la composição de la comp					
			· · · · · · · · · · · · · · · · · · ·			
Salara					-1	
		The second secon			enance of the second second	
			<u> </u>		,,,	
			, , , , , , , , , , , , , , , , , , , 	A CONTRACTOR OF THE PROPERTY O	a mandali finding kanada salah pili girangan pilip di salah mang	
		2887				
hod of Shipment Drop o	CC Sdr	nple Condition Upon Receipt.				

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 Gustody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.