

January 18, 2022

Mr. Mathew Hudson Supervisor of Buildings and Grounds Manasquan Board of Education 169 Broad Street Manasquan, New Jersey 08736

- Re: Summary Report Lead in Water Testing and Analysis
- Facility: Manasquan Industrial Arts Building 167 Broad Street Manasquan, New Jersey

EC Project #: 20435-01

Environmental Connection, Inc., (EC) was contracted by the Manasquan Board of Education to collect and provide laboratory analysis of representative water samples from the Manasquan Industrial Arts Building, located at 167 Broad Street in Manasquan, New Jersey. Sampling was completed on December 29, 2021, between the hours of 5:30 AM and 5:40 AM during a period when the building was unoccupied.

Samples were collected from 4 locations, as follows:

Table 1- Lead in Water Sample LocationsManasquan Industrial Arts Building167 Broad Street, Manasquan, New JerseyDecember 29, 2021						
Sink Faucet adjacent to Mech Room	Metal Basin Sink in Ceramics Room					
Metal Basin Sink Faucet in Woodshop	Water Chiller Fountain in Ceramics Room					
Room						

Samples were collected in sterile 250 milliliter bottles, pre-treated with nitric acid solution (HNO<sub>3</sub>). The samples were delivered to EMSL Analytical, Inc. (EMSL) of Cinnaminson, New Jersey, on December 29, 2021. EMSL is certified by the State of New Jersey, Department of Environmental Protection (NJDEP), for drinking water analysis.

Analysis was completed in accordance with United States Environmental Protection Agency (USEPA) Method 200.8. The USEPA and NJDEP Action Level of 15 parts per billion (ppb) or micrograms per liter ( $\mu$ g/L) was used to determine if further testing and/or remediation is warranted.

Results of analysis are summarized in Table 2 below.



Table 2- Lead in Water Results of Analysis Industrial Arts Building 167 Broad Street Manasquan, New Jersey							
Sample #	Sample Location	Parameter	Results of 1 <sup>st</sup> Draw Sample (ppb)	Results of 2 <sup>nd</sup> Draw Sample (ppb)	USEPA and NJDEP Action Level (ppb)		
01	Sink Faucet adjacent to Mechanical Room	Lead in Water	5.81	N/A	15		
02	Metal Basin Sink Faucet in Woodshop	Lead in Water	<1.00	N/A	15		
03	Metal Basin Sink in Ceramics	Lead in Water	<1.00	N/A	15		
04	Water Chiller Fountain in Ceramics	Lead in Water	<1.00	N/A	15		

All samples were below the USEPA and NJDEP Action Level of 15 ppb. No remedial actions are required at this time.

Should you have any questions or require additional information, please contact the undersigned at your convenience.

Respectfully Submitted: ENVIRONMENTAL CONNECTION, INC.

Mike Muc

Mike Moore Project Manager

Attachment 1: Analytical Report, Chain of Custody for Lead in Water Sampling, and Sample Location Plan

# ATTACHMENT I

Analytical Report, Chain of Custody for Lead in Water Sampling, and Sample Location Plan



# Attn: Jordan Reed

Environmental Connection, Inc. 120 North Warren Street Trenton, NJ 08608

Phone: (609) 392-4200 Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 12/30/2021. The results are tabulated on the attached data pages for the following client designated project:

## Industrial Arts Bldg (Manasquan BOE)

The reference number for these samples is EMSL Order #012200026. 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:

M. Unly

Phillip Worby, Environmental 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.

1/7/2022

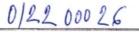
EMSL	EMSL Analytical, I 200 Route 130 North, Cinnamin Phone/Fax: (856) 303-2500 / http://www.EMSL.com		EMSL Order: 012200026 CustomerID: ENVI65 CustomerPO: ProjectID:			
Attn: Jordan Reed Environmental Connection, Inc. 120 North Warren Street Trenton, NJ 08608			ed:	(609) 392-4200 12/30/2021 09:0	0 AM	
Project: Industria	al Arts Bldg (Manasquan BOE)					
		Analytical Resu	lts			

Client Sample Description	01 POE in Main Rm / Sink / 1st Draw			2/29/2021 :29:00 AM	Lab ID:	012200026-0001
Method	Parameter	Result	RL Units	1	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	5.81	1.00 ppb	1/	′5/2022 KE	3 1/5/2022 20:36 KB
Client Sample Description	02 Woodshop / Metal barn Sink / 1st	Draw		2/29/2021 :31:00 AM	Lab ID:	012200026-0003
Method	Parameter	Result	RL Units	1	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 ppb	1/	/5/2022 KE	3 1/5/2022 20:45 KB
Client Sample Description	03 Ceramics / Metal Barn Sink / 1st E	Draw		2/29/2021 :33:00 AM	Lab ID:	012200026-0005
Method	Parameter	Result	RL Units	1	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 ppb	1/	/5/2022 KE	3 1/5/2022 20:48 KB
Client Sample Description	04 Ceramics / Water Chiller Fountain	/ 1st Draw		2/29/2021 :35:00 AM	Lab ID:	012200026-0007
Method	Parameter	Result	RL Units	1	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 ppb	1/	'5/2022 KE	3 1/5/2022 20:51 KB
Client Sample Description	05 Blank		Collected: 12	2/29/2021	Lab ID:	012200026-0008
Method	Parameter	Result	RL Units	1	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	ND	1.00 ppb	1/	'5/2022 KE	3 1/6/2022 19:45 JW
Definitions:						

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



ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

## Potable Water Sampling for Lead Concentration Sample Collection Form

### **Client Information**

Name: Ma	NUSSULM BOE		87		
Address:	107 Browd street				
Client Rep.:	Mulhen Hulson			and the state of the	
School Project In	formation			Anna Contra	
Building Id:					
Building No./Na	me: Industrial Arts	Blor			
<b>Building Addres</b>	is: NOT Brow	0			
Contact Name &					
(0)Yr. Built	(1)Yr. 1 <sup>st</sup> Add.:	(2)Yr. 2 <sup>nd</sup> Add.:	(3)Yr. 1 <sup>st</sup> Mod.:	(4)Yr. 2 <sup>nd</sup> Mod.:	
Inspector(s):	h. moor		Date of Sampling:	1228124. 12/29/21	

#### Sample Data

-

	Sample I	Descrip	otion I	D (ID N	lust M	atch	Cont	ainer	Labe	el			Outlet Information				Results
Sample #	Floor	Emotional	Space Code	IN/BY	R	oom	Num	ber	Construc. Code	Sample/Outlet	Code	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds		Time of Collection (24 Hr)	Lead Conc. (ppb)
01	01	POF		m	m	em	m		0	SF		Sink		K		5129	
107	01	POE	1 1	3		un			5	SF		Sinis			L	5:19	
02	01		Disho	n m		2000			0	SF		Melal Burn Smil		4		5:31	
5.02	01		Daho		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 Cee			0	SF		1			L	5132	
03	01		incs	5		m			0	SF				4		5.33	
Fos	0	Cer	mily	5	Ce	rum	S		0	SF					L	5.54	
04	٥١	Cer	imes	~		un			0	ve		Whe church Fourth		×		5.35.	
05	B	OU	mh									BIMIL					

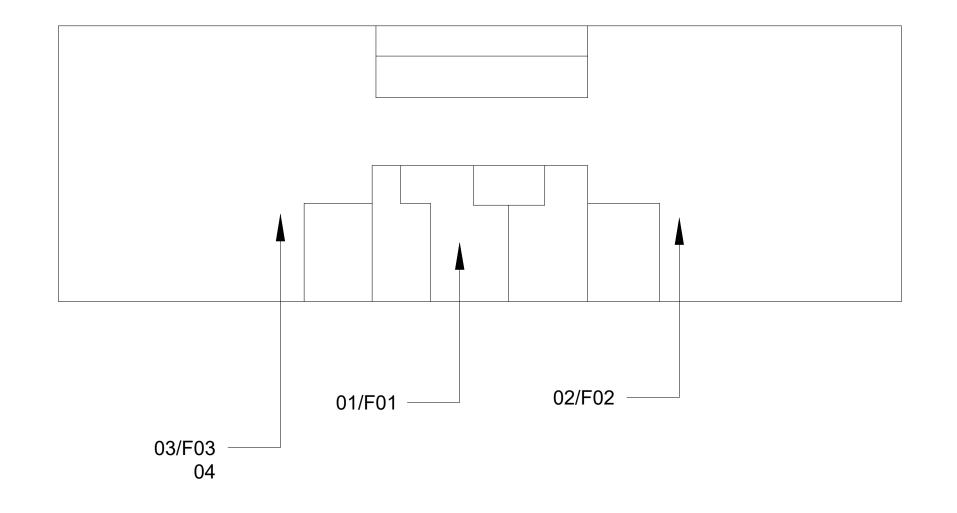
All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNo3 @ pH<2 by field X\_or to be preserved by lab \_\_\_\_\_\_ Chain of Custody

Relinquished By:	Received By:	Date/Time:	01
$\sim$	1	12/28/21	18) Ek
	Ellepre COURIER	12129121 7:10 pm	$\bigcirc$
	Ellefor	12/30/21 9:00 m	Rec. preserves
		/	part
	/		/
Method of Shipment/delivery:	Fed-Ex Hand Delivery V US	Mail UPS Courier C	)ther:

Analyze "30 seconds" sample(s) <u>ONLY</u> when	1-h.		-
		Report Results To: Jordan Reed	
Initial sample exceeds 15 ppb		Phone (609) 392-4200	
Analyze both initial and follow-up samples		Email jreed@vtihq.com	
Other: Follow QAPP		Fax: (609) 392-1216	
Comments: Provide electronic and hard copy of	Sample Chain of Custody with sample results and	d final analytical report.	1

TURN AROUND TIME REQUESTED: 1 WEEK

120 North Warren Street · Trenton, New Jersey 08608 · tel: 609-392-4200 · fax: 609-392-1216



ENVIF	ENVIRONMENTAL CONNECTION INC A Vertical Technologies Corporation					
12 TEL	20 North Trentor : 609-392-42	ing, Auditing & Investigations Warren Street a, NJ 08608 00 FAX: 609-392-1216 0m WEB: www.VTIHQ.com				
01	01/14/22	Issued for Review				
No.	Date	Issue or Revision				
	LIW SAMPLE LOCATION PLAN MANASQUAN BOARD OF EDUCATION INDUSTRIAL ARTS BUILDING 167 BROAD STREET, MANASQUAN, NJ					
	Date: 01/14/22					
	Scale: NTS					
	Drawn By: MEM Project No: 20435-01					
Drawing Title						
	SAMPLE LOCATION PLAN					
Dra	wing No					
	SL-01					