



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:

<b>Table 1- Lead in Water Sample Locations Manasquan Industrial Arts Building 167 Broad Street, Manasquan, New Jersey December 29, 2021</b>	
Sink Faucet adjacent to Mech Room	Metal Basin Sink in Ceramics Room
Metal Basin Sink Faucet in Woodshop Room	Water Chiller Fountain in Ceramics 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 (µg/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 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**



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

---

Attn:

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

1/7/2022

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:

---

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.

**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: 012200026  
 CustomerID: ENVI65  
 CustomerPO:  
 ProjectID:

Attn: **Jordan Reed**  
**Environmental Connection, Inc.**  
**120 North Warren Street**  
**Trenton, NJ 08608**

Phone: (609) 392-4200  
 Fax:  
 Received: 12/30/2021 09:00 AM

Project: **Industrial Arts Bldg (Manasquan BOE)**

**Analytical Results**

**Client Sample Description** 01 POE in Main Rm / Sink / 1st Draw **Collected:** 12/29/2021 5:29:00 AM **Lab ID:** 012200026-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.81	1.00 ppb	1/5/2022 KB	1/5/2022 20:36 KB

**Client Sample Description** 02 Woodshop / Metal barn Sink / 1st Draw **Collected:** 12/29/2021 5:31:00 AM **Lab ID:** 012200026-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	1/5/2022 KB	1/5/2022 20:45 KB

**Client Sample Description** 03 Ceramics / Metal Barn Sink / 1st Draw **Collected:** 12/29/2021 5:33:00 AM **Lab ID:** 012200026-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	1/5/2022 KB	1/5/2022 20:48 KB

**Client Sample Description** 04 Ceramics / Water Chiller Fountain / 1st Draw **Collected:** 12/29/2021 5:35:00 AM **Lab ID:** 012200026-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	1/5/2022 KB	1/5/2022 20:51 KB

**Client Sample Description** 05 Blank **Collected:** 12/29/2021 **Lab ID:** 012200026-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	1/5/2022 KB	1/6/2022 19:45 JW

**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

0/22 000 26



# ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

## Potable Water Sampling for Lead Concentration Sample Collection Form

### Client Information

Name:	Mansueta BoE
Address:	107 Broad Street
Client Rep.:	Matthew Hudson

### School Project Information

Building Id:				
Building No./Name:	Industrial Arts Bldg			
Building Address:	107 Broad Street			
Contact Name & Numbers:				
(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): M. Meade Date of Sampling: 12/29/12

### Sample Data

Sample Description ID (ID Must Match Container Label)								Outlet Information			Results	
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
1 01	01	POE	M	Mech Rm	0	SF	Sink		<		5:29	
2 01	01	POE	M	Mech Rm	0	SF	Sink		<		5:30	
3 02	01	Woodshop	M	Woodshop	0	SF	Metal Bench Sink		<		5:31	
4 02	01	Woodshop	"	Woodshop	0	SF			<		5:32	
5 03	01	Ceramics	"	Ceramics	0	SF			<		5:33	
6 03	01	Ceramics	"	Ceramics	0	SF			<		5:34	
7 04	01	Ceramics	"	Ceramics	0	W	Water Cooler Fountain		<		5:35	
8 05	B	Office					Blank					

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:
<i>[Signature]</i>	Eliya COURIER	12/29/12
	Eliya	12/29/12 7:15 pm
		12/30/12 9:00 am

⑧ Ek  
Rec. preserved

Method of Shipment/delivery:      Fed-Ex      Hand Delivery  US Mail      UPS      Courier      Other:     

### Instructions to the Laboratory

<input checked="" type="checkbox"/> Analyze "30 seconds" sample(s) <b>ONLY</b> when Initial sample exceeds 15 ppb <input type="checkbox"/> Analyze both initial and follow-up samples <input type="checkbox"/> Other: Follow QAPP	Lab:	Report Results To: Jordan Reed <input type="checkbox"/> Phone (609) 392-4200 <input checked="" type="checkbox"/> Email jreed@vtihq.com <input type="checkbox"/> Fax: (609) 392-1216
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Comments: Provide electronic and hard copy of Sample Chain of Custody with sample results and final analytical report.

TURN AROUND TIME REQUESTED: 1 WEEK



ENVIRONMENTAL CONNECTION INC  
A Vertical Technologies Corporation

Environmental Consulting, Auditing & Investigations

120 North Warren Street  
Trenton, NJ 08608

TEL: 609-392-4200 FAX: 609-392-1216  
EMAIL: info@vtihq.com 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

Drawing No.

SL-01

