June 24, 2025

Mr. Matthew Hudson Supervisor of Buildings and Grounds Manasquan Board of Education 169 Broad Street Manasquan, NJ 08736

Re: Lead in Water Sampling and Analysis

Facility: Manasquan Administration Building

167 Broad Street

Manasquan, New Jersey 08736

EC Project #: 24377-01

Environmental Connection, Inc., (EC) was contracted by the Manasquan Board of Education to collect and provide laboratory analysis of lead in water samples from Manasquan Administration Building, located at 167 Broad Street in Trenton, New Jersey. The sampling effort consisted of an initial site-visit to identify the Point of Entry (POE), the location where domestic water service enters the building, and to inventory all potable water outlets. Non-drinking water outlets such as bathroom sinks and outlets clearly labeled with signage prohibiting use as a potable water source were not included in the outlet inventory. The outlet inventory developed during the initial visit is summarized in Table 1 below.

Table 1- Lead in Water Sample Locations Manasquan Administration Building 167 Broad Street Manasquan, New Jersey 08736						
Sink Faucet in Conference Room	Sink Faucet in Second Floor Restroom					

The sampling event was performed after the outlet inventory visit. In accordance with United States Environmental Protection Agency (USEPA) guidelines for lead in water sampling, sample collection occurred after an approximately eight (8) hour stagnation period. The Manasquan Administration Building water sampling was performed on April 9, 2025, while the building was unoccupied.

Samples were collected in sterile 250 milliliter bottles. In accordance with USEPA sampling guidelines a $1^{\rm st}$ draw sample and flush draw sample were collected from each identified potable water outlet. Flush draw samples were collected after the $1^{\rm st}$ draw sample and a 30-second flush of the outlet. Note: Flush draw samples were not collected from outlets with incorporated holding tanks. Flush draw samples were only analyzed if the $1^{\rm st}$ draw sample lead in water concentration exceeded the United States Environmental Protection Agency (USEPA) and State of New Jersey, Department of Environmental Protection (NJDEP) Action Level of 15 parts per billion (ppb) or micrograms per liter (μ g/L), otherwise flush draw samples were discarded.

Samples were labeled and transported to EMSL Analytical, Inc. (EMSL) in Cinnaminson, New Jersey. EMSL is certified by the NJDEP, for drinking water analysis. A neutralizing nitric acid (HNO₃) solution was added to each sample upon arrival at the laboratory. The water samples were analyzed in accordance with United States Environmental Protection Agency (USEPA) Method 200.8. Analytical results were compared to the USEPA and NJDEP Action Level to determine if further testing and/or remediation was

Manasquan Board of Education Lead in Water Testing Manasquan Administration Building Page 2 of 3

warranted. The complete laboratory analytical certificate and chain of custody record(s) are included in Attachment 1. The analytical results are summarized in Table 2 below.

Table 2- Lead in Water Analytical Results Manasquan Administration Building 167 Broad Street Manasquan, New Jersey 08736 April 9, 2025									
Sample #	Sample Location	Parameter	Results of 1 st Draw Sample (ppb)	Results of Flush Draw Sample (ppb)	USEPA & NJDEP Action Level (ppb)				
01	Sink Faucet in Conference Room	Lead	<1.00	Not Analyzed	15				
02	Sink Faucet in Second Floor Restroom	Lead	<1.00	Not Analyzed	15				

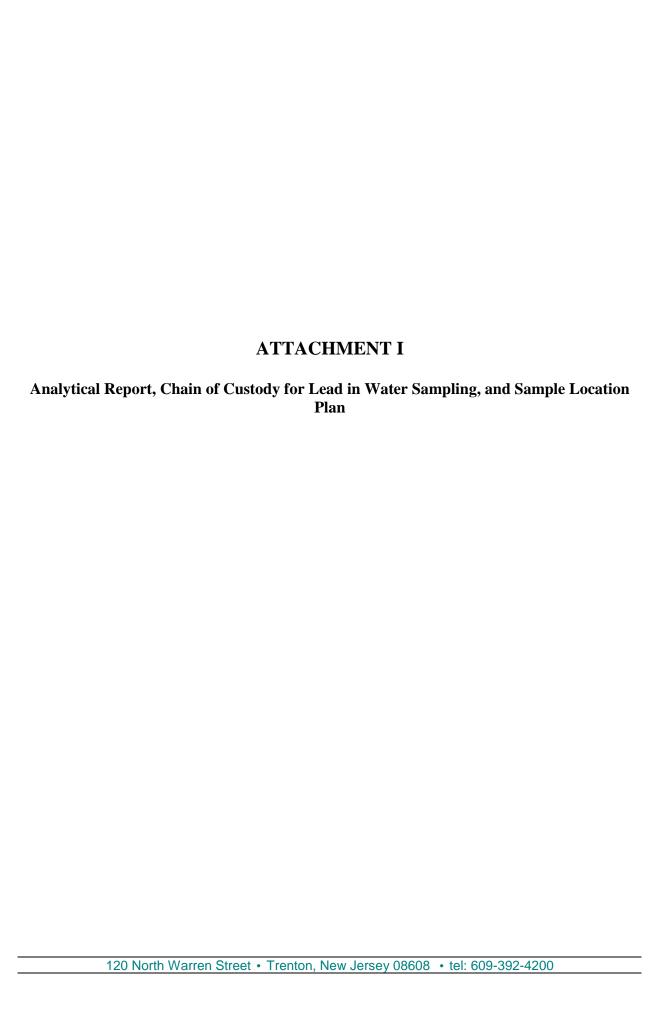
None of the samples contained lead levels above the USEPA and NJDEP Action Level of 15 parts per billion (ppb). Based on the analytical results, no remedial action is recommended at this time.

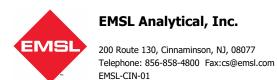
Should you have any questions or require additional information, please contact the undersigned at your convenience.

Jordan Reed CIH, CSP

Project Manager

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





120 North Warren Street Trenton, NJ 08608

(609) 392-4200

mmoore@vtihq.com

Environmental Connection, Inc. [ENVI65]

Attention: Mike Moore

EMSL Order ID: 012516615 LIMS Reference ID: AD16615 EMSL Customer ID: ENVI65

Project Name: Manasquan Administration Building / 167

Broad Street, Manasquan NJ

Customer PO:

 EMSL Sales Rep:
 Josh Silverman

 Received:
 04/09/2025
 13:10

 Reported:
 04/16/2025
 17:29

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analy Initia	. ,
Sample: 01/01 Conference Rm - Sink Faucet		Lims F	Reference	ID:	AD16615-01	Matrix: Drinking	y Water		Sampled: 04/09/25 06:05:00
Metals Lead	ND		1	1.00	μg/L	04/14/25 14:53	04/15/25 15:57	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 02/02 Second Floor Restroom - Sink Fauce	t	Lims F	Reference	ID:	AD16615-03	Matrix: Drinking	y Water		Sampled: 04/09/25 06:07:00
Metals Lead	ND		1	1.00	μg/L	04/14/25 14:53	04/15/25 16:01	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 03/Blank		Lims F	Reference	ID:	AD16615-05	Matrix: Drinking	y Water		Sampled: 04/09/25 00:00:00
Metals Lead	ND		1	1.00	μg/L	04/14/25 14:53	04/15/25 16:05	PL	EPA 200.8 (DA)/EPA 200.8

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

Telephone: 856-858-4800 Fax:cs@emsl.com

EMSL-CIN-01

EMSL Order ID: 012516615 LIMS Reference ID: AD16615

EMSL Customer ID: ENVI65

Attention: Mike Moore Project Name: Manasquan Administration Building / 167

Environmental Connection, Inc. [ENVI65]

120 North Warren Street Trenton, NJ 08608 (609) 392-4200 mmoore@vtihq.com Broad Street, Manasquan NJ

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 13:10

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Certified Analyses included in this Report

Analyte Certifications

EPA 200.8 in Drinking Water

Lead NJDEP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	2845.25	11/30/2025
NYSDOH	New York State Department of Health ELAP	10872	04/01/2025
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2025
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2025
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2026
California ELAP	California Water Boards	1877	06/30/2025
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	05/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

Please see the specific Field of Testing (FOT) on www.emsl.com for a complete listing of parameters for which EMSL is certified.



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EMSL-CIN-01

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Attention: Mike Moore **Project Name:**

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Manasquan Administration Building / 167

Broad Street, Manasquan NJ

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Notes and Definitions

Item Definition For metals analysis, sample was digested. (Dig) [2C] Reported from the second channel in dual column analysis. DA **Direct Analysis** DF Dilution Factor MDL Method Detection Limit. Analyte was NOT DETECTED at or above the detection limit. ND NR Spike/Surrogate showed no recovery. Qualifier Q RCS Respirable Crystalline Silica RL Reporting Limit Wet Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.



Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.



ENVIRONMENTAL CONNECTION INC A Vertical Technologies Corporation

Potable Water Sampling for Lead Concentration Sample Collection Form

Client In	forma	ation											
Name	: Mar	nasquan	Boar	d of Ed	ucati	ion							
Addres	s: 16	7 Broad	Stree	et, Man	asqu	an NJ							
Client I	Rep.: I	Mathew	Hud	son									
School F	rojec	t Inform	ation	1									
Buildin	g ld:	-											
		/Name:	Man	asquan	Adm	ninistrati	on Building						
						Manasqu							
		ne & Nur				·							
							(3)Yr. 1 st Mod.: (4)Yr. 2 nd Mod.:						
Inspecto	or(s):	M.Moor	e					Date	of Sampling: O	419	128		
Sample	Data					8							
Sample De		on ID (ID N	∕lust N	/latch Co	ntaine	er Label)			Outlet	1			Results
									Information				
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sampled Outlet Location/Coordina		MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Cond
01	91	Consuer	e P				Sime Funt			1		6:05	
.01	01	Confee					Smy furt				×	10:06	
02	02	Second F		Restree	>		Some Fruit			1		6:07	
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Instruction												1 V N	
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		exceeds 1		un samni	As	OV	VO3 added@1:3 14/10/25 PG	[,.,(☐ Phone (609) 3 ☐ Email: mmoor				
Other: F			OIIOW-	up sairibi	Co	07	111/25 10		Fax: (609) 39				
			nic an	d hard co	py of	Sample Ch	ain of Custody with sample re	sults an	d final analytical re	port.			