

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	S

Facility: Manasquan High School 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 High School, 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 High School 167 Broad Street Manasquan, New Jersey 08736							
Water Chiller Fountain in Hall by South Gym	Sink Faucet in Library						
Sink Faucet in Athletic Trainer's Office	Sink Faucet at Station 1 in Home Economics Room						
Bottle Fill Wand in Athletic Trainer's Office	Sink Faucet b/w Stations 1 and 2 in Home Economics Room						
Sink Faucet in Room 118	Sink Faucet at Station 2 in Home Economics Room						
Water Chiller Fountain in Hall by Room 101	Sink Faucet at Station 3 in Home Economics Room						
Sink Faucet in Principal's Office	Sink Faucet adjacent to Laundry						
Sink Faucet in Kitchen (Hand Wash)	Sink Faucet in Exterior Men's Room						
Sink Faucet adjacent to Refrigerator	Sink Faucet in Exterior Women's Room						
Sink Faucet at Serving Line in Cafeteria	Water Chiller Fountain (Left) in Hall Above Science Wing						
Water Chiller Fountain in Cafeteria	Water Chiller Fountain (Right) in Hall Above Science Wing						
Sink Faucet in Pot Fill	Sink Faucet in Room 221						
Sink Faucet in Rear Storage	Sink Faucet in Room 220						
Water Chiller Fountain in Hall by Room 109	Water Chiller Fountain in Hall by Room 201						
Sink Faucet in Basement Office Kitchenette	Water Chiller Fountain in Hall by Room 570						
Water Chiller Fountain in Hall by Room 468	Water Chiller Fountain in Hall by Teacher's Lounge						
Sink Faucet in Room 465	Sink Faucet in Art Room						
Sink Faucet in Nurse's Office							



Manasquan Board of Education Lead in Water Testing Manasquan High School Page 2 of 4

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 High School water sampling was performed on April 9, 2025 and April 28,2025, while the building was unoccupied.

Samples were collected in sterile 250 milliliter bottles. In accordance with USEPA sampling guidelines a 1^{st} draw sample and flush draw sample were collected from each identified potable water outlet. Flush draw samples were collected after the 1^{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^{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 ($\mu g/L$), 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 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 High School 167 Broad Street Manasquan, New Jersey 08736 April 9, 2025 and April 28,2025								
Sample #	Sample Location	Parameter	Results of 1 st Draw Sample (ppb)	Results of Flush Draw Sample (ppb)	USEPA & NJDEP Action Level (ppb)				
01	Water Chiller Fountain in Hall by South Gym	Lead	<1.00	Not Analyzed	15				
02	Sink Faucet in Athletic Trainer's Office	Lead	<1.00	Not Analyzed	15				
03	Bottle Fill Wand in Athletic Trainer's Office	Lead	<1.00	Not Analyzed	15				
04	Sink Faucet in Room 118	Lead	2.44	Not Analyzed	15				
05	Water Chiller Fountain in Hall by Room 101 (Point of Entry)	Lead	<1.00	Not Analyzed	15				
06	Sink Faucet in Principal's Office	Lead	1.06	Not Analyzed	15				
07	Sink Faucet in Kitchen (Hand Wash)	Lead	4.12	Not Analyzed	15				
08	Sink Faucet adjacent to Refrigerator	Lead	<1.00	Not Analyzed	15				
09	Sink Faucet at Serving Line in Cafeteria	Lead	<1.00	Not Analyzed	15				
10	Water Chiller Fountain in Cafeteria	Lead	<1.00	Not Analyzed	15				
11	Sink Faucet at Pot Fill	Lead	<1.00	Not Analyzed	15				

120 North Warren Street • Trenton, New Jersey 08608 • tel: 609-392-4200



	Table 2- Lead in Water Analytical Results Manasquan High School 167 Broad Street Manasquan, New Jersey 08736 April 9, 2025 and April 28,2025								
Sample #	Sample Location	Parameter	Results of 1 st Draw Sample (ppb)	Results of Flush Draw Sample (ppb)	USEPA & NJDEP Action Level (ppb)				
12	Sink Faucet in Rear Storage	Lead	<1.00	Not Analyzed	15				
13	Water Chiller Fountain in Hall by Room 109	Lead	<1.00	Not Analyzed	15				
14	Sink Faucet in Basement Office Kitchenette	Lead	2.05	Not Analyzed	15				
15	Water Chiller Fountain in Hall by Room 468	Lead	<1.00	Not Analyzed	15				
16	Sink Faucet in Room 465	Lead	<1.00	Not Analyzed	15				
17	Sink Faucet in Nurse's Office	Lead	<1.00	Not Analyzed	15				
18	Sink Faucet in Library	Lead	<1.00	Not Analyzed	15				
19	Sink Faucet at Station 1 in Home Economics Room	Lead	<1.00	Not Analyzed	15				
20	Sink Faucet b/w Stations 1 and 2 in Home Economics Room	Lead	<1.00	Not Analyzed	15				
21	Sink Faucet at Station 2 in Home Economics Room	Lead	<1.00	Not Analyzed	15				
22	Sink Faucet at Station 3 in Home Economics Room	Lead	<1.00	Not Analyzed	15				
23	Sink Faucet adjacent to Laundry	Lead	<1.00	Not Analyzed	15				
24	Sink Faucet in Exterior Men's Room	Lead	10.5	Not Analyzed	15				
25	Sink Faucet in Exterior Women's Room	Lead	2.13	Not Analyzed	15				
26	Water Chiller Fountain (Left) in Hall Above Science Wing	Lead	<1.00	Not Analyzed	15				
27	Water Chiller Fountain (Right) in Hall Above Science Wing	Lead	<1.00	Not Analyzed	15				
28	Sink Faucet in Room 221	Lead	1.25	Not Analyzed	15				
29	Sink Faucet in Room 220	Lead	8.87	Not Analyzed	15				
30	Water Chiller Fountain in Hall by Room 201	Lead	<1.00	Not Analyzed	15				
31	Water Chiller Fountain in Hall by Room 570	Lead	<1.00	Not Analyzed	15				
32	Water Chiller Fountain in Hall by Teacher's Lounge	Lead	<1.00	Not Analyzed	15				
33	Sink Faucet in Art Room	Lead	<1.00	Not Analyzed	15				



Manasquan Board of Education Lead in Water Testing Manasquan High School Page 4 of 4

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.

RL

Jordan Reed CIH, CSP 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





Environmental Connection, Inc. [ENVI65]

120 North Warren Street Trenton, NJ 08608

(609) 392-4200

mmoore@vtihq.com

200 Route 130, Cinnaminson, NJ, 08077 Telephone: 856-858-4800 Fax:cs@emsl.com EMSL-CIN-01

EMSL Order ID: 012516529 LIMS Reference ID: AD16529 EMSL Customer ID: ENVI65

Project Name:

Manasquan High School - 167 Broad Steet, Manasquan NJ

Customer PO: EMSL Sales Rep: Received: Reported:

Josh Silverman 04/09/2025 12:30 04/16/2025 17:25

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analy Initia		Prep /Analytical Method
Sample: 01/Hall by South Gym - Water Chiller Fountain		Lim	s Refere	ence ID:	AD16529-01	Matrix: Drinkin	g Water		Sampled:	04/09/25 04:29:00
Metals Lead	ND		1	1.00	μg/L	04/14/25 09:51	04/15/25 15:02	JW1	EPA	200.8 (Dig)/EPA 200.8
Sample: 02/Ath Trainers Office - Sink Faucet		Lim	s Refere	ence ID:	AD16529-02	Matrix: Drinking	g Water		Sampled:	04/09/25 04:30:00
Metals Lead	ND		1	1.00	µg/L	04/11/25 16:25	04/14/25 12:18	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 03/Ath Trainers Office - Bottle Fill Wand		Lim	s Refere	ence ID:	AD16529-04	Matrix: Drinking	g Water		Sampled:	04/09/25 04:32:00
Metals Lead	ND		1	1.00	µg/L	04/11/25 16:25	04/14/25 12:25	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 04/Rm 118 - Sink Faucet		Lim	s Refere	ence ID:	AD16529-06	Matrix: Drinking	g Water		Sampled:	04/09/25 04:48:00
Metals Lead	2.44		1	1.00	μg/L	04/11/25 16:25	04/14/25 12:29	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 05/Hall by Rm 101 - Water Chiller Fountain (POE)		Lim	s Refere	ence ID:	AD16529-08	Matrix: Drinkin	g Water		Sampled:	04/09/25 04:27:00
Metals Lead	ND		1	1.00	μg/L	04/11/25 16:25	04/14/25 12:36	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 06/Principals Office - Sink Faucet		Lim	s Refere	ence ID:	AD16529-09	Matrix: Drinking	g Water		Sampled:	04/09/25 04:50:00
Metals Lead	1.06		1	1.00	μg/L	04/11/25 16:25	04/14/25 12:38	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 07/Kitchen - Sink Faucet (Hand Wash)		Lim	s Refere	ence ID:	AD16529-11	Matrix: Drinking	g Water		Sampled:	04/09/25 04:57:00
Metals Lead	4.12		1	1.00	µg/L	04/11/25 16:25	04/14/25 12:42	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 08/Kitchen - Sink Faucet @ Refrigerator		Lim	s Refere	ence ID:	AD16529-13	Matrix: Drinking	g Water		Sampled:	04/09/25 04:59:00
Metals Lead	ND		1	1.00	µg/L	04/11/25 16:25	04/14/25 12:50	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 09/Cafeteria - Sink Faucet @ Serving Line		Lim	s Refere	ence ID:	AD16529-15	Matrix: Drinking	g Water		Sampled:	04/09/25 04:54:00
Metals Lead	ND		1	1.00	µg/L	04/11/25 16:25	04/14/25 12:57	PL	EPA	200.8 (DA)/EPA 200.8

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EMSL Analytical, Inc.

Environmental Connection, Inc. [ENVI65]

120 North Warren Street Trenton, NJ 08608

(609) 392-4200

mmoore@vtihq.com

200 Route 130, Cinnaminson, NJ, 08077 Telephone: 856-858-4800 Fax:cs@emsl.com EMSL-CIN-01

EMSL Order ID: 012516529 LIMS Reference ID: AD16529 EMSL Customer ID: ENVI65

Project Name:

Manasquan High School - 167 Broad Steet, Manasquan NJ

Customer PO: EMSL Sales Rep: Received: Reported:

Josh Silverman 04/09/2025 12:30 04/16/2025 17:25

Analytical Results

(Continued)

Analyte		Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample:	09/Cafeteria - Sink Faucet @ Serving Line (Continued)		Lim	s Referen	ce ID:	AD16529-15	Matrix: Drinki	ng Water	s	ampled: 04/09/25 04:54:00
Metals	(Continued)									
Sample:	10/Cafeteria -Water Chiller Fountain		Lim	s Referen	ce ID:	AD16529-17	Matrix: Drinki	ng Water	s	ampled: 04/09/25 04:55:00
Metals		ND		1	1.00	µg/L	04/11/25 16:25	04/14/25 13:01	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	11/Kitchen - Sink Faucet Pot FIII		Lim	s Referen	ce ID:	AD16529-18	Matrix: Drinki	ng Water	s	ampled: 04/09/25 05:03:00
Metals		ND		1	1.00	µg/L	04/11/25 16:25	04/14/25 13:03	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	12/Kitchen - Sink Faucet in Rear Storage		Lim	s Referen	ce ID:	AD16529-20	Matrix: Drinki	ng Water	s	ampled: 04/09/25 05:04:00
Metals		ND		1	1.00	µg/L	04/11/25 16:25	04/14/25 13:07	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	13/Hall by Rm 109 - Water Chiller Fountain		Lim	s Referen	ce ID:	AD16529-22	Matrix: Drinki	ng Water	s	ampled: 04/09/25 05:06:00
Metals		ND		1	1.00	µg/L	04/11/25 16:27	04/14/25 13:20	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	14/Basement Kitchenette - Sink Faucet @ Basement Offices		Lim	s Referen	ce ID:	AD16529-23	Matrix: Drinki	ng Water	S	ampled: 04/09/25 05:11:00
Metals		2.05		1	1.00	μg/L	04/11/25 16:27	04/14/25 13:26	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	15/Hall by Rm 468 - Water Chiller Fountain		Lim	s Referen	ce ID:	AD16529-25	Matrix: Drinki	ng Water	s	ampled: 04/09/25 05:15:00
Metals		ND		1	1.00	µg/L	04/11/25 16:27	04/14/25 13:30	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	16/Rm 465 - Sink Faucet		Lim	s Referen	ce ID:	AD16529-26	Matrix: Drinki	ng Water	s	ampled: 04/09/25 05:30:00
Metals		ND		1	1.00	µg/L	04/11/25 16:27	04/14/25 13:32	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	17/Nurses Office - Sink Faucet		Lim	s Referen	ce ID:	AD16529-28	Matrix: Drinki	ng Water	S	ampled: 04/09/25 05:32:00
Metals		ND		1	1.00	µg/L	04/11/25 16:27	04/14/25 13:39	PL	EPA 200.8 (DA)/EPA 200.8



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Manasquan High School - 167 Broad Steet, Manasquan NJ

Customer PO: EMSL Sales Rep: Received: Reported:

Josh Silverman 04/09/2025 12:30 04/16/2025 17:25

Analytical Results

(Continued)

Analyte		Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample:	18/Library - Sink Faucet		Lims	Refere	ence ID:	AD16529-30	Matrix: Drinkin	g Water	San	npled: 04/09/25 05:34:00
Metals		ND		1	1.00	µg/L	04/11/25 16:27	04/14/25 13:43	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	19/Home Ec Room - Sink Faucet (Station #1)		Lims	Refere	ence ID:	AD16529-32	Matrix: Drinkin	g Water	San	npled: 04/09/25 05:16:00
Metals		ND		1	1.00	µg/L	04/11/25 16:27	04/14/25 13:47	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	20/Home Ec Room - Sink Faucet (btw Station 1/2)		Lims	Refere	ence ID:	AD16529-34	Matrix: Drinkin	g Water	San	npled: 04/09/25 05:18:00
Metals		ND		1	1.00	μg/L	04/11/25 16:27	04/14/25 13:54	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	21/Home Ec Room - Sink Faucet (Station #2)		Lims	Refere	ence ID:	AD16529-36	Matrix: Drinkin	g Water	San	npled: 04/09/25 05:20:00
Metals		ND		1	1.00	µg/L	04/11/25 16:27	04/14/25 14:02	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	22/Home Ec Room - Sink Faucet (Station #3)		Lims	Refere	ence ID:	AD16529-38	Matrix: Drinkin	g Water	San	npled: 04/09/25 05:22:00
Metals		ND		1	1.00	µg/L	04/11/25 15:22	04/14/25 14:36	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	23/Home Ec Room - Sink Faucet (adj to Laundry)		Lims	Refere	ence ID:	AD16529-40	Matrix: Drinkin	g Water	San	npled: 04/09/25 05:24:00
Metals		ND		1	1.00	μg/L	04/11/25 15:22	04/14/25 14:40	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	25/Exterior Restroom (Womens) - Sink Faucet		Lims	Refere	ence ID:	AD16529-44	Matrix: Drinkin	g Water	San	npled: 04/09/25 04:37:00
Metals		2.13		1	1.00	µg/L	04/11/25 15:22	04/14/25 14:50	PL	EPA 200.8 (DA)/EPA 200.8
Sample:	26/Hall above Science Wing - Water Chiller Fountain (L)		Lims	Refere	ence ID:	AD16529-46	Matrix: Drinkin	g Water	San	npled: 04/09/25 04:40:00
Metals		ND		1	1.00	µg/L	04/11/25 15:22	04/14/25 14:54	PL	EPA 200.8 (DA)/EPA 200.8



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EMSL Order ID: 012516529 LIMS Reference ID: AD16529 EMSL Customer ID: ENVI65

Project Name:

Manasquan High School - 167 Broad Steet, Manasquan NJ

Customer PO: EMSL Sales Rep: Received: Reported:

Josh Silverman 04/09/2025 12:30 04/16/2025 17:25

Analytical Results

(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Anal Initia		Prep /Analytical Method
Sample: 26/Hall above Science Wing - Water Chiller Fountain (L) (Continued)		Lim	s Refere	ence ID:	AD16529-46	Matrix: Drinkin	g Water		Sampled:	04/09/25 04:40:00
Metals (Continued)										
Sample: 27/Hall above Science Wing - Water Chiller Fountain (R)		Lim	s Refere	ence ID:	AD16529-47	Matrix: Drinkin	g Water		Sampled:	04/09/25 04:41:00
Metals Lead	ND		1	1.00	μg/L	04/11/25 15:22	04/14/25 14:55	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 28/Rm 221 - Sink Faucet		Lim	s Refer	ence ID:	AD16529-48	Matrix: Drinkin	g Water		Sampled:	04/09/25 05:51:00
Metals Lead	1.25		1	1.00	μg/L	04/11/25 15:22	04/14/25 14:57	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 29/Rm 220 - Sink Faucet		Lim	s Refer	ence ID:	AD16529-50	Matrix: Drinkin	g Water		Sampled:	04/09/25 05:48:00
Metals Lead	8.87		1	1.00	μg/L	04/11/25 15:22	04/14/25 15:05	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 30/Hall by Rm 201 - Water Chiller Fountain		Lim	s Refer	ence ID:	AD16529-52	Matrix: Drinkin	g Water		Sampled:	04/09/25 05:46:00
Metals Lead	ND		1	1.00	μg/L	04/11/25 15:22	04/14/25 15:13	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 31/Hall by Rm 570 - Water Chiller Fountain		Lim	s Refer	ence ID:	AD16529-53	Matrix: Drinkin	g Water		Sampled:	04/09/25 05:42:00
Metals Lead	ND		1	1.00	μg/L	04/11/25 15:22	04/14/25 15:14	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 32/Hall by Teachers Lounge - Water Chiller Fountain		Lim	s Refere	ence ID:	AD16529-54	Matrix: Drinkin	g Water		Sampled:	04/09/25 05:45:00
Metals Lead	ND		1	1.00	μg/L	04/11/25 15:22	04/14/25 15:16	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 33/Art Rm - Sink Faucet		Lim	s Refer	ence ID:	AD16529-55	Matrix: Drinkin	g Water		Sampled:	04/09/25 05:40:00
Metals Lead	ND		1	1.00	μg/L	04/11/25 15:22	04/14/25 15:18	PL	EPA	200.8 (DA)/EPA 200.8
Sample: 34/Blank		Lim	s Refer	ence ID:	AD16529-57	Matrix: Drinkin	g Water		Sampled:	04/09/25 00:00:00
Metals Lead	ND		1	1.00	µg/L	04/11/25 15:22	04/14/25 15:22	PL	EPA	200.8 (DA)/EPA 200.8



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EMSL Order ID: 012516529 LIMS Reference ID: AD16529 EMSL Customer ID: ENVI65

Project Name:

Manasquan High School - 167 Broad Steet, Manasquan NJ

Sampled: 04/09/25 00:00:00

Customer PO: EMSL Sales Rep: Received: Reported:

AD16529-57 Matrix: Drinking Water

Josh Silverman 04/09/2025 12:30 04/16/2025 17:25

Analytical Results

(Continued)

Analyte	Result Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method

Lims Reference ID:

Sample: 34/Blank (Continued)

Metals (Continued)



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Attention: Mike Moore

Environmental Connection, Inc. [ENVI65] 120 North Warren Street Trenton, NJ 08608 (609) 392-4200 mmoore@vtihq.com EMSL Order ID: 012516529 LIMS Reference ID: AD16529 EMSL Customer ID: ENVI65

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Manasquan High School - 167 Broad Steet, Manasquan NJ

Customer PO: EMSL Sales Rep: Received: Reported:

Josh Silverman 04/09/2025 12:30 04/16/2025 17:25

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 <u>www.emsl.com <http://www.emsl.com></u> for a complete listing of parameters for which EMSL is certified.



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Attention: Mike Moore

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EMSL Order ID: 012516529 LIMS Reference ID: AD16529 EMSL Customer ID: ENVI65

Project Name:

Manasquan High School - 167 Broad Steet, Manasquan NJ

Customer PO:EMSL Sales Rep:JReceived:CReported:C

Josh Silverman 04/09/2025 12:30 04/16/2025 17:25

Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
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.

Ch MM 15

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.

								A Vertical Technol	ogies	Corporation				IC
Client	Inform	nation		etable	wat	ci Janij	PIIII	g for Lead Concentratio	n San	ple Collection	Fo	rm		
Nam	e: Ma	nasqua	n Boa	rd of E	duca	tion								
Addre	ess: 1	67 Broad	Stre	et. Ma	nasq	uan NI								
Client	Rep.:	Mathev	w Hu	dson										
School	Proje	ct Inform	natio	n										
Buildi									1					
Buildi	ng No	./Name:	Mar	nasquar	n Hig	h Schoo			1					
Buildi	ng Ad	dress: 1	67 Bi	oad Sti	reet,	Manaso	qua	n NJ	1					
		ne & Nu												
(0)Yr. B	uilt		(1))	/r. 1 st A	dd.:		(2	?)Yr. 2 nd Add.:	(3)Yr	1 st Mod.:	(4)Yr	. 2 nd Mod.:	
Incorect											-			
1. 100 (1997)		M.Moo	re					C	Date o	f Sampling:	OH	191	75	
Sample														
Sample D	escript	on ID (ID	Must I	Match Co	ontain	er Label)				Outlet Information				Results
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet	Code	Sampled Outlet Location/Coordinates	5	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
01	01	Hall	Dy	South	641	n		Water Chiller Fountui	1		x		4:29	(PPS)
02	01	Ath. Tr	1	othe	-			Sork Ferrerit			×	-	4:30	
-02	01	Ath Tr			-	a line	-	Since Funces	1 10	The second states	-	×	4:31	
-03	01	Ath Tr			-	-	-	Bottle Fill Wind			×		4:32	
DH	01	Ath. Tr Rm	118	rs off	re	-	-	Bottle Fill War				¥	4:33	
-04	01	Pm	118				+	Since Future Sink Future	-		×	¥	4:48	
05	01	Han	By	Am 101	1			Water Chiller Found	he al	DOF	×	84	4:49	
06	01	Perserper		Houc				Since Fareet	T CLIME		*		4:50	
-010	10	Principa		Have				Since Farmer				*	4:51	
57	10	K. Harris						Sink Faut CHANDIN	ash)		×		4:57	
-07	01	Kithin						Sime Furt CHEW me	ish)			*	4:58	
All Contai	ners ar	e pre-clea	nod/-	ro-contif:	od 35		lin l			()				
Chain of C	ustody	- pre-ciea	neu/p	-e-certifi	eu 25	o ini plast	UC D	ottles preserved w/ HNo3 @	рH<2	by fieldor to be	pre	serv	ved by lab X	≻
Relinquish	ned By:					Received	By:			Date/Time:	1		\smile	HINO-
A	0									0419125		-		HN03
					_	ATT	87	nilly CEY WI)	409/250	239	m	15CAM	added @3:00p 14/10/21
								h			1		or	4/10/2
Method of Instructions						Fe	ed-E	x Hand Delivery 📥 U	S Mail	UPS Cou	rier		Other:	
Analyze ' Initial sa Analyze I Other: Fo	'30 sec ample e both ini ollow Q	onds" sam exceeds 15 tial and fo APP	pple(s) ppb llow-u	ip sample	es	Lab:				eport Results To: Phone (609) 3 Email: mmoore Fax: (609) 392	92-4 e@v	20 tiho	0	
Comments:	Provid	e electron	ic and	hard cop	y of S	ample Ch	ain	of Custody with sample result	s and f	nal analytical rep	ort.	-		

Client	Inform	nation					ing for Lead Con	centration samp	le conection	FUL	m		
Nan	ne: Ma	nasquar	Boa	rd of Ec	ducati	on							
		67 Broad					No. (
		Mathew											
		ct Inform	natio	n									
	ling Id:												
		./Name:											
		dress: 1			eet, N	/lanasqu	uan NJ						
		ne & Nu	_										
(0)Yr.	Built		(1)Y	r. 1 st A	dd.:		(2)Yr. 2 nd Add.:	(3)Yr. 1	st Mod.:	(4)	Yr.	2 nd Mod.:	
Increa	+==(=).												-
		M.Moo	e					Date of	Sampling:	0419	1125	5	
	e Data	ion ID (ID I	Auct	Match Co	ntaina	r Label)							
campie			l						Outlet Information				Results
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sample Location/	ed Outlet Coordinates	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
08	01	Kiehen						it Oleksjenter		×		4:59	(666)
06	01	Kum	12.20	in the second second			Sink Fure	+ @ Reformer			*	5:00	
pg	DI	parisa	Cuf	tru				@ Sery Line		×	STR.	4:54	
PO	10			urry			Sign Furt	@ Serry Line			ĸ	4:55	
0	91	Caser	in				Water Chin	v Fourtern		×		4:50	
	01	Kitelin					Sox Furt			×		5.02	
\	01	hitem					Some Furt				*		
2	10	Kullin	-				Simile furt in	n Rear Storyc		K	¥	5:04	1
5	01	Hau	By	Pm	109		Water Chille	n Reer Story		×	*	5:05	
	01	Basen	- L	Henry	M			2 Baseur Off		×		5:06	Atta
IL	01	Basen	he w	June	1			D Basement O		~	*		The need
							June later					-	
			ned/p	ore-certif	ied 250	ml plasti	ic bottles preserved	w/ HNo3 @ pH<2 by	field_or to be	pre	ser	ved by lab X	\supset
	f Custody						-			7			
A	ished By	•				Received	Brnely 4	DOM DO	unter 12	an	m	HNO	3 added : Oopm
1	-10						a long i		V 1145 10A	1		@3.	Oopm
							0						101251
							Æ			-			1201
Method	l of Shipr	ment/deliv	ery:			Fe	ed-Ex Hand Del	livery US Mail	UPSCou	urier		Other:	
	and the second se	e Laborato	-				\sim						
		conds" san exceeds 1			nen L	.ab:			port Results To: Phone (609) 3				
Analyz	e both in	nitial and fo			es				Email: mmoor	e@v	/tih		
10thor	Follow (APP							Fax: (609) 393	2-421	00		

Address: Client Re School Pro Building I Building J Contact N (0)Yr. Built Inspector(Sample Dasc	No./Name: Address: 16 Name & Nur It (s): M.Moor ata rription ID (ID N	Streat Hud atior Man 57 Br (1)Y (1)Y Must N	et, Mar Ison asquan oad Str 's: 'r. 1 st Ad	hasqua h High S reet, M dd.:	n NJ School Janasqu	(2)Yr. 2 nd Add.:		1 st Mod.: Sampling: « Outlet Information	(4)		• 2 nd Mod.:	Results
Client Re School Pro Building I Building I Contact N (0)Yr. Built Inspector(Sample Dascr Sample Descr	ep.: Mathew oject Inform Id: No./Name: Address: 16 Name & Nur It (s): M.Moor ata rription ID (ID N	Hud atior Man 7 Br nber (1)Y e Must N	lson n asquan oad Str 's: 'r. 1 st Ad	dd.:	School anasqu Label)	(2)Yr. 2 nd Add.:		Sampling:				
School Pro Building I Building I Building I Contact N (0)Yr. Built Inspector(Sample Da Sample Descr	oject Inform Id: No./Name: Address: 16 Name & Nur It (s): M.Moor ata ription ID (ID N	Atior Man 7 Br 1)Y e Must N	n oad Str 's: 'r. 1 st Ad	dd.:	anasqu Label)	(2)Yr. 2 nd Add.:		Sampling:				
Building I Building J Contact N (0)Yr. Built Inspector(s Sample Dascr Sample Descr	Id: No./Name: Address: 16 Name & Nur It (s): M.Moor ata rription ID (ID N	Man 57 Br. mber (1)Y e Must N	asquan oad Str 's: 'r. 1 st Ad	dd.:	anasqu Label)	(2)Yr. 2 nd Add.:		Sampling:				
Building I Building J Contact N (0)Yr. Built Inspector(Sample Da Sample Descr	No./Name: Address: 16 Name & Nur It (s): M.Moor ata rription ID (ID N	And	oad Str rs: rr. 1 st Ad	dd.:	anasqu Label)	(2)Yr. 2 nd Add.:		Sampling:				
Building / Contact N (0)Yr. Built Inspector(s Sample Dascr Sample Descr	Address: 16 Name & Nun It (s): M.Moor ata rription ID (ID N ero 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	And	oad Str rs: rr. 1 st Ad	dd.:	anasqu Label)	(2)Yr. 2 nd Add.:		Sampling:				
Contact N (0)Yr. Built Inspector(s Sample Da Sample Descr	Name & Nur It (s): M.Moor ata rription ID (ID N code base base base base base base base bas	nber (1)Y re Must N	rs: (r. 1 st Ad	dd.:	Label)	(2)Yr. 2 nd Add.:		Sampling:				
Inspector(s Sample Da Sample Descr	(s): M.Moor ata rription ID (ID N bace Code bace Code bace Lional	re Aust N Ag/NI	Match Co	ontainer	Label)			Sampling:				
Sample Da Sample Descr ** ** ** ** ** ** ** ** ** ** ** ** **	Eleor Liption ID (ID N Enuctional Space Code Space Code	Aust N Ag/NI			Label)			Sampling:				
Sample Da Sample Descr ** ** ** ** ** ** ** ** ** ** ** ** **	Eleor Liption ID (ID N Enuctional Space Code Space Code	Aust N Ag/NI					Date of	Outlet	0410	11	5	Results
Sample Descr # a w v v v v v v v v v v v v v	A OI) OI noitigin Functional Space Code Space Code	IN/BY						Outlet				Results
C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Floor Functional Space Code	IN/BY										Results
15 0 16 0 14 0 17 0	>1 Hall		Room Number	Construc. Code	mple/Outlet de							
16 01 Fre 01 17 01		0			Sai	Sampled Outle Location/Coordina		MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
110 01 17 01	1 Am 4105	By	Pm	468		Worker China Fou	when		×		5:15	
17 OI	1	-				Sime Furth			x		530	
17 01		-11				Smil Furt				*	1.11	
		off				Smy Furt			6		5'32	
		~~~	n		1	Some Funt		,	×	×	))	
16 01						Sime Faut				*	5:34	
9 0		EL.	Room			Some Fault isting	n HI)		×		5.16	
19 0		FC.	Room			Smx Fault Estation		24	-	¥	5:17	
0 01	1 Home	EL.	Rom			Sime Furt (BIW		2)	×		5:18	
20 0	11 Home	EL	Room			Sime Furt (BIW		2)		٤	5:19	
	1	EC	Room			Sime Faret (Stuck			2		5:20	
		FL Ded/n	Roan	ied 250 r	ml nlasti	c bottles preserved w/ HNo	NON 62)	ufield or to be		×	5:21	
Chain of Cust		icu/p	re-certin	100 200 1	in plastic	c bottles preserved w/ HNO:	s @ pn <z b<="" td=""><td>y neid_or to be</td><td>e pres</td><td>ser</td><td>ved by lab x</td><td>$\rightarrow$</td></z>	y neid_or to be	e pres	ser	ved by lab x	$\rightarrow$
Relinquished	d By:			Re	eceived I		D	ate/Time:	1		11110	111
2A				C	XIN	mely 4/09/25/12	:30m	0419125			HN03	
									-		@ 3:0	
											on 4/10	0/25 P
Method of Ch	hipment/deliv				F.c.	d-Ex Hand Delivery	110 14-11	1100 0	]			1
	o the Laborato	-	5		гео	d-Ex Hand Delivery	_US Mail _	UPS Cou	rier		_ Other:	
Analyze "30	0 seconds" sam	ple(s)	ONLY w	hen La	b:			port Results To:				
	ple exceeds 15 th initial and fo	1.1.	In sample	05				Phone (609) 3 Email: mmoor				
Other: Follo	ow QAPP					in of Custody with sample re		Fax: (609) 392	2-420		9.0011	

			Ρ	otable	Wate	r Sampl	A Vertical Technol ing for Lead Concentratio	n Samp	le Collection	For	m		
Client													
		inasquan											
	Address: 167 Broad Street, Manasc Client Rep.: Mathew Hudson												*
		ct Inform											
Buildi			ation					7					
		./Name:	Man	asquar	High	School							
Buildi	ng Ad	dress: 16	57 Br	oad Str	eet A	lanasqu	ian NI	-					
Conta	ct Nar	ne & Nu	mber	'S:		lanasqu		-					
(0)Yr. B	uilt		(1)Y	r. 1 st A	dd.:		(2)Yr. 2 nd Add.:	(3)Yr. 1	st Mod.:	(4)	Vr	2 nd Mod.:	
								(0)		1-1			
Inspect	or(s):	M.Moor	е					Date of	Sampling:	)41	913	5	
Sample	Data	1											
Sample D	escript	ion ID (ID N	Aust N	Match Co	ntaine	Label)			Outlet	]			Results
								-	Information				
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sampled Outlet Location/Coordinate	S	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Con (ppb)
22	01	Home	EC	Room			Since Faut Csin		bernar #	×		5:22	(660)
FZZ	01	Home	EL	Room			SML FULLY GAUN				×		
23	01	Home	EL	Rom			Some Fleut (12)	to Luni	(1)	x		5.24	
23	01	Home	FL	Room				to Lu			*	5:25	
2M X	10	Extense	Re	Strong	ime			Received	Q 4/11/25	×	_	4:35	
ZH 5		Extensor	hey	man	lme		Some Finet				K	4:30	
25	01	Extern	Aco		(Wor		Smil Furne			×	×	4137	
26	50	Hall	Abor			WAG	Some Furth Water Childre Four		×(L)	1	or	4:48	
7	OZ	Hall	Aba	e S.	ere.	Wing	Weder Chille Four	2		K		4:41	
8	50	Rm ZZ)				9	Sime Fuget	e		×		5.51	
28	02	Bm 221					Some Finit				*	5:52	
									8			0	
All Conta Chain of			ned/p	ore-certif	ied 250	ml plasti	c bottles preserved w/ HNo3 @	₽ pH<2 by	field_or to be	pre	ser	ved by lab X	$\rightarrow$
Relinguis						Received	By:	D	ate/Time:	1	1	INDO	11
	,					All	minely, 409/25 12	1 0 0 0 0	41925		F	HN03 03:00 n 4/10/2	adde
							A	1			Q	03:0	Opm
				8			0			-	0	n 4/10/-	5 PC
							$\sim$					(11012	
		ment/deliv	-			Fe	d-Ex trand Delivery	US Mail _	UPSCou	rier		_Other:	
		e Laborato conds" sam	and the second se	ONIX	hen	ab:	$\smile$	De	port Results To:	MAIL	0.1	looro	
Initial	ample	exceeds 15	ppb						Phone (609) 3	92-	420	00	
Analyza	both in	nitial and fo	llow-	up sampl	es				Email: mmoor			iq.com	
Other: F		0.000							Fax: (609) 392	) An	00		1

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

ENVIRONMENTAL CONNECTION INC A Vertical Technologies Corporation	•

Potable Water Sampling for Lead Concentration Sample Collection Form

	Client				er, ivia	nacau	an NI							
	Address: 167 Broad Street, Manasquan NJ Client Rep.: Mathew Hudson													
	School Project Information													
	Building Id:													
	Building No./Name: Manasquan High School													
	Building Address: 167 Broad Street, Manasquan NJ Contact Name & Numbers:													
			ne & Nu	-										
	(0)Yr. B	uilt		(1))	<b>′r. 1</b> st A	dd.:		(2)Yr. 2 nd Add.:	(3)Yr. :	L st Mod.:	(4	)Yr	. 2 nd Mod.:	
								A			Ť		~	
	Inspect	or(s):	M.Moo	re					Date of	Sampling:	OH	19	125	
	Sample	Data												
5	Sample D	escripti	on ID (ID I	Vust I	Match Co	ontaine	r Label)			Outlet	٦			D II
_		1						5		Information				Results
	Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sampled Outlet Location/Coordinat	es	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Cond (ppb)
29		OZ	Rm 220					Some Furly			×		5:48	(ppb)
FZ9		02	Pm 220	1000		-		Some Faunt				×		
30		02	Hern	84	Am 201			Water Chille Founte	-		×		546	
31		50	Hall	By	RATO	570		Water Chine Fo			4		5:42	1
32		OZ	Herry	84	Teuch	s he	ance.	War Chine For			×		345	
33		02	Art P	2			0	Some Furt	AMM		×		5:40	
53		OZ	Art A	~				Some Frust			~		5:41	
34		B	BIGNE					BIME				-	3.41	
							18 - E							
												-		
A	Il Contair	ners are	e pre-clear	ned/p	re-certifi	ed 250	ml plastic	bottles preserved w/ HNo3 @	D DH<2 by	field on to be				
C	hain of C	ustody							pinz by	fieldor to be	pre	ser	red by rab X	
R	elinquish	ed By:				F	eceived B	Y: ( )	Da	ite/Time:	1			
	A	1					XIII	July 40925 12.	30mm o	-119125	1	H	NO3 a	dded
-		C					0	- y type in			1	a	23.0	0 pm
-								0			]	C	03:0 n4/101	PIN
								-	-		-	OV	14/10/	25 P
N	lethod of	Shipm	ent/delive	erv:			Fed	-Ex Hand Delivery			]		0.1	
			Laborator			-			US Mail	UPS Cou	rier		Other:	
			onds" sam		ONLY wh	nen La	ıb:		Ren	ort Results To:	Mike		oore	
F			xceeds 15							Phone (609) 3	92-4	1200	C	
	Analyze b Other: Fo		tial and fol	low-u	p sample	S				Email: mmoore			.com	
				cand	hard con	v of Sa	nnle Chai	n of Custody with sample resu		Fax: (609) 392	-42(	00		
			e electrolli	c unu	naru cop	TURN		TIME REQUESTED: 1 WEEK	its and fin	ai analytical rep	ort.			