



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 Elementary School
168 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 Elementary School, located at 168 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 Elementary School 168 Broad Street Manasquan, New Jersey 08736	
Sink Faucet (Left) on Center Island	Sink Faucet in Room 113
Sink Faucet (Right) on Center Island	Sink Faucet Room 114
Sink in Kitchen (Dishwash)	Water Chiller Fountain in Hall by Room 114
Chiller Fountain in Main Office	Sink Faucet in Room 115
Sink Faucet in Main Office Kitchen	Water Chiller Fountain in Cafeteria by Kitchen
Sink Faucet in Nurse’s Office	Water Chiller Fountain (Left) in Gym by Girl’s Locker Room
Sink Faucet in Faculty Lounge	Water Chiller Fountain (Right) in Gym by Girl’s Locker Room
Bubbler at Sink in Room 102	Water Chiller Fountain (Left) in Gym by Boy’s Locker Room
Bubbler at Sink in Room 104	Water Chiller Fountain (Right) in Gym by Boy’s Locker Room
Bubbler at Sink in Room 103	Sink Faucet in Library Storage Room
Bubbler at Sink in Room 106	Water Chiller Fountain (Left) in Pod C Hall
Bubbler at Sink in Room 105	Water Chiller Fountain (Right) in Pod C Hall
Bubbler at Sink in Room 108	Water Chiller Fountain (Left) in Cafetorium
Bubbler at Sink in Room 107	Water Chiller Fountain (Right) in Cafetorium
Bubbler at Sink in Room 110	Center Island Sink Faucet (Left 1) in Cafetorium Kitchen
Bubbler at Sink in Room 109	Center Island Sink Faucet (Left 2) in Cafetorium Kitchen



Water Chiller Fountain in Hall by Room 109	Center Island Sink Faucet (Right 1) in Cafetorium Kitchen
Bubbler at Sink in Room 111	Center Island Sink Faucet (Right 2) in Cafetorium Kitchen
Sink Faucet in Room 112	Pot Fill Station in Cafetorium Kitchen
Water Chiller Fountain in Pod B Hall	Hand Held Sink Wand in Cafetorium Kitchen
Water Chiller Fountain in Hall by Library	Sink Faucet in Pod B Hall

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 Elementary School water sampling was performed on June 10, 2025, while the building was unoccupied.

Samples were collected in sterile 250 milliliter bottles. In accordance with USEPA sampling guidelines a 1st draw sample and flush draw sample were collected from each identified potable water outlet. Flush draw samples were collected after the 1st 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 1st 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 (µg/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 Elementary School
168 Broad Street Manasquan, New Jersey 08736
June 10, 2025**

Sample #	Sample Location	Parameter	Results of 1 st Draw Sample (ppb)	Results of Flush Draw Sample (ppb)	USEPA & NJDEP Action Level (ppb)
01	Kitchen Sink Faucet (Left) on Center Island (Point of Entry)	Lead	15.5	<1.00	15
02	Kitchen Sink Faucet (Right) on Center Island	Lead	2.28	Not Analyzed	15
03	Sink in Kitchen (Dishwash)	Lead	60.4	9.91	15
04	Chiller Fountain in Main Office	Lead	3.48	Not Analyzed	15
05	Sink Faucet in Main Office Kitchen	Lead	2.09	Not Analyzed	15
06	Sink Faucet in Nurse’s Office	Lead	10.2	<1.00	15

**Table 2- Lead in Water Analytical Results
 Manasquan Elementary School
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 June 10, 2025**

Sample #	Sample Location	Parameter	Results of 1 st Draw Sample (ppb)	Results of Flush Draw Sample (ppb)	USEPA & NJDEP Action Level (ppb)
07	Sink Faucet in Faculty Lounge	Lead	<1.00	Not Analyzed	15
08	Bubbler at Sink in Room 102	Lead	<1.00	Not Analyzed	15
09	Bubbler at Sink in Room 104	Lead	89.8	7.52	15
10	Bubbler at Sink in Room 103	Lead	1.10	Not Analyzed	15
11	Bubbler at Sink in Room 106	Lead	2.49	Not Analyzed	15
12	Bubbler at Sink in Room 105	Lead	1.46	Not Analyzed	15
13	Bubbler at Sink in Room 108	Lead	73.4	5.11	15
14	Bubbler at Sink in Room 107	Lead	1.54	Not Analyzed	15
15	Bubbler at Sink in Room 110	Lead	2.14	Not Analyzed	15
16	Bubbler at Sink in Room 109	Lead	<1.00	Not Analyzed	15
17	Water Chiller Fountain (Left) in Hall by Room 109	Lead	<1.00	Not Analyzed	15
18	Water Chiller Fountain (Right) in Hall by Room 109	Lead	<1.00	Not Analyzed	15
19	Bubbler at Sink in Room 111	Lead	7.04	<1.00	15
20	Sink Faucet in Room 112	Lead	4.05	Not Analyzed	15
21	Sink Faucet in Room 113	Lead	6.10	Not Analyzed	15
22	Sink Faucet in Room 114	Lead	4.07	Not Analyzed	15
23	Water Chiller Fountain in Hall by Room 114	Lead	<1.00	Not Analyzed	15
24	Sink Faucet in Room 115	Lead	5.90	Not Analyzed	15
25	Water Chiller Fountain in Cafeteria by Kitchen	Lead	3.30	Not Analyzed	15
26	Water Chiller Fountain (Left) in Gym by Girl's Locker Room	Lead	<1.00	Not Analyzed	15
27	Water Chiller Fountain (Right) in Gym by Girl's Locker Room	Lead	<1.00	Not Analyzed	15
28	Water Chiller Fountain (Left) in Gym by Boy's Locker Room	Lead	<1.00	Not Analyzed	15
29	Water Chiller Fountain (Right) in Gym by Boy's Locker Room	Lead	<1.00	Not Analyzed	15
30	Sink Faucet in Library Storage Room	Lead	11.3	Not Analyzed	15

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 June 10, 2025**

Sample #	Sample Location	Parameter	Results of 1 st Draw Sample (ppb)	Results of Flush Draw Sample (ppb)	USEPA & NJDEP Action Level (ppb)
31	Water Chiller Fountain (Left) in Pod C Hall	Lead	<1.00	Not Analyzed	15
32	Water Chiller Fountain (Right) in Pod C Hall	Lead	<1.00	Not Analyzed	15
33	Water Chiller Fountain (Left) in Cafetorium	Lead	<1.00	Not Analyzed	15
34	Water Chiller Fountain (Right) in Cafetorium	Lead	<1.00	Not Analyzed	15
35	Center Island Sink Faucet (Left 1) in Cafetorium Kitchen	Lead	2.28	Not Analyzed	15
36	Center Island Sink Faucet (Left 2) in Cafetorium Kitchen	Lead	3.46	Not Analyzed	15
37	Center Island Sink Faucet (Right 1) in Cafetorium Kitchen	Lead	2.01	Not Analyzed	15
38	Center Island Sink Faucet (Right 2) in Cafetorium Kitchen	Lead	<1.00	Not Analyzed	15
39	Pot Fill Station in Cafetorium Kitchen	Lead	33.7	<1.00	15
40	Hand Held Sink Wand in Cafetorium Kitchen	Lead	2.61	Not Analyzed	15
41	Water Chiller Fountain in Pod B Hall	Lead	<1.00	Not Analyzed	15
42	Sink Faucet in Pod B Hall	Lead	2.12	Not Analyzed	15
43	Water Chiller Fountain in Hall by Library	Lead	<1.00	Not Analyzed	15

Where first draw samples exhibited lead levels above the NJDEP Action Level of 15 ppb, EC recommends that the fixtures and associated supply piping back to the main be replaced with lead free plumbing components in each of these locations. Until remediation is complete, these fixtures should be removed from service.

In all locations where a 2nd draw sample was collected, running the water for 30 seconds resulted in a level of lead below the action level when the second draw sample was analyzed. This indicates that the source of lead contamination is localized to the outlet.

At the completion of remediation efforts, re-testing should be performed at the remediated fixtures prior to returning the fixtures to service.



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

A handwritten signature in blue ink, appearing to read 'Jordan Reed'.

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

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012524148
LIMS Reference ID: AD24148
EMSL Customer ID: ENVI65

Attention: Mike Moore
 Environmental Connection, Inc. [ENVI65]
 120 North Warren Street
 Trenton, NJ 08608
 (609) 392-4200
 mmoore@vtihq.com

Project Name: Manasquan Elementary School / 168 Broad St,
 Manasquan, NJ
Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 06/10/2025 09:00
Reported: 06/20/2025 16:40

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 01/Kitchen Center Island L POE Lims Reference ID: AD24148-01 Matrix: Drinking Water Sampled: 06/10/25 06:00:00									
Metals									
Lead	15.5		1	1.00	µg/L	06/13/25 13:45	06/13/25 15:47	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: F01/Kitchen Center Island L POE Lims Reference ID: AD24148-02 Matrix: Drinking Water Sampled: 06/10/25 06:01:00									
Metals									
Lead	ND		1	1.00	µg/L	06/16/25 11:40	06/17/25 00:25	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 02/Kitchen Center Island R Lims Reference ID: AD24148-03 Matrix: Drinking Water Sampled: 06/10/25 06:02:00									
Metals									
Lead	2.28		1	1.00	µg/L	06/13/25 13:45	06/13/25 15:53	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 03/Kitchen Dish Wash Lims Reference ID: AD24148-05 Matrix: Drinking Water Sampled: 06/10/25 06:04:00									
Metals									
Lead	60.4		1	1.00	µg/L	06/13/25 13:45	06/13/25 15:55	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: F03/Kitchen Dish Wash Lims Reference ID: AD24148-06 Matrix: Drinking Water Sampled: 06/10/25 06:05:00									
Metals									
Lead	9.91		1	1.00	µg/L	06/16/25 11:40	06/17/25 00:31	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 04/Main Office Chiller Fountain Lims Reference ID: AD24148-07 Matrix: Drinking Water Sampled: 06/10/25 06:07:00									
Metals									
Lead	3.48		1	1.00	µg/L	06/13/25 13:45	06/13/25 15:57	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 05/Main Office Kitchen Sink Faucet Lims Reference ID: AD24148-08 Matrix: Drinking Water Sampled: 06/10/25 06:08:00									
Metals									
Lead	2.09		1	1.00	µg/L	06/13/25 13:45	06/13/25 15:59	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 06/Nurse Sink Faucet Lims Reference ID: AD24148-10 Matrix: Drinking Water Sampled: 06/10/25 06:12:00									
Metals									
Lead	10.2		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:20	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: F06/Nurse Sink Faucet Lims Reference ID: AD24148-11 Matrix: Drinking Water Sampled: 06/10/25 06:13:00									
Metals									
Lead	ND		1	1.00	µg/L	06/16/25 11:40	06/17/25 00:33	PL	EPA 200.8 (DA)/EPA 200.8

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Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 14/Rm 107 Bubbler at Sink									
Lims Reference ID: AD24148-26						Matrix: Drinking Water		Sampled: 06/10/25 06:29:00	
Metals									
Lead	1.54		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:43	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 15/Rm 110 Bubbler at Sink									
Lims Reference ID: AD24148-28						Matrix: Drinking Water		Sampled: 06/10/25 06:33:00	
Metals									
Lead	2.14		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:45	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 16/Rm109 Bubbler at Sink									
Lims Reference ID: AD24148-30						Matrix: Drinking Water		Sampled: 06/10/25 06:35:00	
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:47	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 17/Hall at 109 Chiller Fountain L									
Lims Reference ID: AD24148-32						Matrix: Drinking Water		Sampled: 06/10/25 06:40:00	
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:49	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 18/Hall at 109 Chiller Fountain R									
Lims Reference ID: AD24148-33						Matrix: Drinking Water		Sampled: 06/10/25 06:41:00	
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:51	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 19/Rm 111 Bubbler at Sink									
Lims Reference ID: AD24148-34						Matrix: Drinking Water		Sampled: 06/10/25 06:45:00	
Metals									
Lead	7.04		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:53	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: F19/Rm 111 Bubbler at Sink									
Lims Reference ID: AD24148-35						Matrix: Drinking Water		Sampled: 06/10/25 06:46:00	
Metals									
Lead	ND		1	1.00	µg/L	06/16/25 11:40	06/17/25 00:42	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 20/Rm 112 Sink Faucet									
Lims Reference ID: AD24148-36						Matrix: Drinking Water		Sampled: 06/10/25 06:47:00	
Metals									
Lead	4.05		1	1.00	µg/L	06/13/25 13:45	06/13/25 16:55	JW1	EPA 200.8 (DA)/EPA 200.8
Sample: 21/Rm 113 Sink Faucet									
Lims Reference ID: AD24148-38						Matrix: Drinking Water		Sampled: 06/10/25 06:49:00	
Metals									
Lead	6.10		1	1.00	µg/L	06/13/25 15:24	06/16/25 17:16	PL	EPA 200.8 (DA)/EPA 200.8

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Analytical Results (Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 31/Pod C Hall Chiller Fountain L Lims Reference ID: AD24148-52 Matrix: Drinking Water Sampled: 06/10/25 07:11:00									
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 15:24	06/16/25 17:43	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 32/Pod C Hall Chiller Fountain R Lims Reference ID: AD24148-53 Matrix: Drinking Water Sampled: 06/10/25 07:12:00									
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 15:24	06/16/25 17:49	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 33/Cafeteria Chiller Fountain L Lims Reference ID: AD24148-54 Matrix: Drinking Water Sampled: 06/10/25 07:13:00									
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 15:24	06/16/25 17:51	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 34/Cafeteria Chiller Fountain R Lims Reference ID: AD24148-55 Matrix: Drinking Water Sampled: 06/10/25 07:14:00									
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 15:24	06/16/25 17:57	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 35/Cafeteria Kitchen Center Island Sink Faucet L1 Lims Reference ID: AD24148-56 Matrix: Drinking Water Sampled: 06/10/25 07:17:00									
Metals									
Lead	2.28		1	1.00	µg/L	06/13/25 15:24	06/16/25 17:59	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 36/Cafeteria Kitchen Center Island Sink Faucet L2 Lims Reference ID: AD24148-58 Matrix: Drinking Water Sampled: 06/10/25 07:20:00									
Metals									
Lead	3.46		1	1.00	µg/L	06/13/25 15:24	06/16/25 18:01	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 37/Cafeteria Kitchen Center Island Sink Faucet R1 Lims Reference ID: AD24148-60 Matrix: Drinking Water Sampled: 06/10/25 07:22:00									
Metals									
Lead	2.01		1	1.00	µg/L	06/13/25 15:24	06/16/25 18:02	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 38/Cafeteria Kitchen Center Island Sink Faucet R2 Lims Reference ID: AD24148-62 Matrix: Drinking Water Sampled: 06/10/25 07:24:00									
Metals									
Lead	ND		1	1.00	µg/L	06/13/25 15:24	06/16/25 18:04	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 39/Cafeteria Kitchen Pot Fill Station Lims Reference ID: AD24148-64 Matrix: Drinking Water Sampled: 06/10/25 07:26:00									



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Telephone: 856-858-4800 Fax:cs@emsl.com
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Analytical Results
(Continued)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
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Sample: 39/Cafeteria Kitchen Pot Fill Station (Continued) Lims Reference ID: AD24148-64 Matrix: Drinking Water Sampled: 06/10/25 07:26:00

Metals

Lead	33.7		1	1.00	µg/L	06/16/25 09:06	06/17/25 15:24	SE	EPA 200.8 (Dig)/EPA 200.8
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Sample: F39/Cafeteria Kitchen Pot Fill Station Lims Reference ID: AD24148-65 Matrix: Drinking Water Sampled: 06/10/25 07:27:00

Metals

Lead	ND		1	1.00	µg/L	06/18/25 16:12	06/18/25 18:36	JW1	EPA 200.8 (DA)/EPA 200.8
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Sample: 40/Cafeteria Kitchen Hand Held Wand Lims Reference ID: AD24148-66 Matrix: Drinking Water Sampled: 06/10/25 07:30:00

Metals

Lead	2.61		1	1.00	µg/L	06/13/25 15:24	06/16/25 18:06	PL	EPA 200.8 (DA)/EPA 200.8
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Sample: 41/Blank Lims Reference ID: AD24148-68 Matrix: Drinking Water Sampled: 06/10/25 00:00:00

Metals

Lead	ND		1	1.00	µg/L	06/13/25 14:05	06/16/25 21:06	PL	EPA 200.8 (DA)/EPA 200.8
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EMSL-CIN-01

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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	04/01/2026
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	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	04/01/2027
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

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



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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.

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.



AD24148

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Potable Water Sampling for Lead Concentration Sample Collection Form

Client Information

Name: Manasquan Board of Education
Address: 167 Broad Street, Manasquan NJ
Client Rep.: Mathew Hudson

School Project Information

Building Id:				
Building No./Name: Manasquan Elementary School				
Building Address: 168 Broad Street, Manasquan NJ				
Contact Name & Numbers:				
(0)Yr. Built	(1)Yr. 1 st Add.:	(2)Yr. 2 nd Add.:	(3)Yr. 1 st Mod.:	(4)Yr. 2 nd Mod.:

Inspector(s): M.Moore

Date of Sampling: 6/10/12

Sample Data

Sample Description ID (ID Must Match Container Label)					Outlet Information			Results		
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
01	01			Kitchen	Center Island (L) (POE)		X		6:00	
F01	01			Kitchen	Center Island (L) (POE)		X		6:01	
02	01			Kitchen	Center Island (R)		X		6:02	
F02	01			Kitchen	Center Island (R)		X		6:03	
03	01			Kitchen	Dish Wash		X		6:04	
F03	01			Kitchen	Dish Wash		X		6:05	
04	01			Main Office	Chiller Fountain		X		6:07	
05	01			Main office kitchen	Sink Faucet		X		6:08	
F05	01			Main office kitchen	Sink Faucet		X		6:09	
06	01			NURSE	SINK FAUCET		X		6:12	
F06	01			NURSE	SINK FAUCET		X		6:13	
07	01			Faculty Lounge	Sink Faucet		X		6:14	
F-07	01			Faculty Lounge	Sink Faucet		X		6:15	

All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNO3 @ pH<2 by field or to be preserved by lab X

Chain of Custody

Relinquished By:	Received By:	Date/Time:
<i>[Signature]</i>	<i>[Signature]</i> (WI)	6/10/12 6:10:25 AM
	<i>[Signature]</i>	6/10 9:30 AM

HNO3 added @ 1743 6/10/12 KF

Method of Shipment/delivery:

Fed-Ex ___ Hand Delivery US Mail ___ UPS ___ Courier ___ Other: ___

Instructions to the Laboratory

- Analyze "30 seconds" sample(s) ONLY when initial sample exceeds 15 ppb
- Analyze both initial and follow-up samples
- Other: Follow QAPP

Lab:

Report Results To: Mike Moore

- Phone (609) 392-4200
- Email: mmoore@vthq.com
- Fax: (609) 392-4200

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

TURN AROUND TIME REQUESTED: 1 WEEK



AD 24/18

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Potable Water Sampling for Lead Concentration Sample Collection Form

Client Information

Name: Manasquan Board of Education
 Address: 167 Broad Street, Manasquan NJ
 Client Rep.: Mathew Hudson

School Project Information

Building Id:
 Building No./Name: Manasquan Elementary School
 Building Address: 168 Broad Street, Manasquan NJ
 Contact Name & Numbers:
 (0)Yr. Built (1)Yr. 1st Add.: (2)Yr. 2nd Add.: (3)Yr. 1st Mod.: (4)Yr. 2nd Mod.:

Inspector(s): M. Moore

Date of Sampling: 6/16/15

Sample Data

Sample Description ID (ID Must Match Container Label)					Outlet Information			Results		
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
08	01			Rm 102	Bubbler @ Sink		x		6:17	
F08	01			Rm 102	Bubbler @ Sink			x	6:18	
09	01			Rm 104	Bubbler @ Sink		x		6:19	
F09	01			Rm 104	Bubbler @ Sink			x	6:20	
10	01			Rm 103	Bubbler @ Sink		x		6:21	
F10	01			Rm 103	Bubbler @ Sink			x	6:22	
11	01			Rm 106	Bubbler @ Sink		x		6:23	
F11	01			Rm 106	Bubbler @ Sink			x	6:24	
12	01			Rm 105	Bubbler @ Sink		x		6:25	
F12	01			Rm 105	Bubbler @ Sink			x	6:26	
13	01			Rm 108	Bubbler @ Sink		x		6:27	
F13	01			Rm 108	Bubbler @ Sink			x	6:28	
14	01			Rm 107	Bubbler @ Sink		x		6:29	

All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNO3 @ pH<2 by field or to be preserved by lab X

Chain of Custody

Relinquished By:	Received By:	Date/Time:
<i>[Signature]</i>		6/16/15

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

Instructions to the Laboratory

Analyze "30 seconds" sample(s) ONLY when initial sample exceeds 15 ppb Lab:
 Analyze both initial and follow-up samples Report Results To: Mike Moore
 Other: Follow QAPP Phone (609) 392-4200
 Email: mmoore@vthq.com
 Fax: (609) 392-4200

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

TURN AROUND TIME REQUESTED: 1 WEEK



AD24/48

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Potable Water Sampling for Lead Concentration Sample Collection Form

Client Information

Name: Manasquan Board of Education
 Address: 167 Broad Street, Manasquan NJ
 Client Rep.: Mathew Hudson

School Project Information

Building Id:
 Building No./Name: Manasquan Elementary School
 Building Address: 168 Broad Street, Manasquan NJ
 Contact Name & Numbers:
 (0)Yr. Built (1)Yr. 1st Add.: (2)Yr. 2nd Add.: (3)Yr. 1st Mod.: (4)Yr. 2nd Mod.:

Inspector(s): M.Moore

Date of Sampling: 6/16/07

Sample Data

Sample Description ID (ID Must Match Container Label)					Outlet Information			Results	
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds 30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
F-14	01			Rm 107	Bubbler @ Sink		x	6:30	
15	01			Rm 110	Bubbler @ Sink		x	6:33	
F-15	01			Rm 110	Bubbler @ Sink		x	6:34	
16	01			Rm 109	Bubbler @ Sink		x	6:35	
F-16	01			Rm 109	Bubbler @ Sink		x	6:36	
17	01			Hall @ 109	Chiller Fountain (L)		x	6:40	
18	01			Hall @ 109	Chiller Fountain (R)		x	6:41	
19	01			Rm 111	Bubbler @ Sink		x	6:45	
F-19	01			Rm 111	Bubbler @ Sink		x	6:46	
20	01			Rm 112	Bubbler @ Sink Sink Faucet		x	6:47	
F-20	01			Rm 112	Bubbler @ Sink Sink Faucet		x	6:48	
21	01			Rm 113	Bubbler @ Sink Sink Faucet		x	6:49	
F-21	01			Rm 113	Bubbler @ Sink Sink Faucet		x	6:50	

All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNO3 @ pH<2 by field or to be preserved by lab X

Chain of Custody

Relinquished By:	Received By:	Date/Time:
<i>[Signature]</i>		6/16/07

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) ONLY 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: Mike Moore <input type="checkbox"/> Phone (609) 392-4200 <input checked="" type="checkbox"/> Email: mmoore@vtihq.com <input type="checkbox"/> Fax: (609) 392-4200
--	---

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

TURN AROUND TIME REQUESTED: 1 WEEK



A024148

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Potable Water Sampling for Lead Concentration Sample Collection Form

Client Information

Name: Manasquan Board of Education
 Address: 167 Broad Street, Manasquan NJ
 Client Rep.: Mathew Hudson

School Project Information

Building Id:
 Building No./Name: Manasquan Elementary School
 Building Address: 168 Broad Street, Manasquan NJ
 Contact Name & Numbers:
 (0)Yr. Built (1)Yr. 1st Add.: (2)Yr. 2nd Add.: (3)Yr. 1st Mod.: (4)Yr. 2nd Mod.:

Inspector(s): M.Moore

Date of Sampling: 6/10/25

Sample Data

Sample Description ID (ID Must Match Container Label)					Outlet Information			Results	
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds 30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
22	01			Rm 114	Sink Faucet		x	6:53	
F-22	01			Rm 114	Sink Faucet		x	6:54	
23	01			Hall @ 114	Choke Fountain		x	6:56	
24	01			Rm 115	Sink Faucet		x	6:57	
F-24	01			Rm 115	Sink Faucet		x	6:58	
25	01			Cafeteria By Kitchen	Choke Fountain		x	7:02	
26	01			Gym @ Girls Locker	Choke Fountain (L)		x	7:03	
27	01			Gym @ Girls Locker	Choke Fountain (R)		x	7:04	
28	01			Gym @ Boys Locker	Choke Fountain (L)		x	7:05	
29	01			Gym @ Boys Locker	Choke Fountain (R)		x	7:06	
30	01			Library Storage	Sink Faucet		x	7:07	
F-30	01			Library Storage	Sink Faucet		x	7:10	
31	01			Pod C Hall	Choke Fountain (L)		x	7:11	

All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNO3 @ pH<2 by field or to be preserved by lab X

Chain of Custody

Relinquished By:	Received By:	Date/Time:
		6/10/25

Method of Shipment/delivery:

Fed-Ex ___ Hand Delivery US Mail ___ UPS ___ Courier ___ Other: ___

Instructions to the Laboratory

Analyze "30 seconds" sample(s) ONLY when initial sample exceeds 15 ppb
 Analyze both initial and follow-up samples
 Other: Follow QAPP

Report Results To: Mike Moore
 Phone (609) 392-4200
 Email: mmoore@vtihq.com
 Fax: (609) 392-4200

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

TURN AROUND TIME REQUESTED: 1 WEEK



AW24148
ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Potable Water Sampling for Lead Concentration Sample Collection Form

Client Information

Name: **Manasquan Board of Education**
 Address: **167 Broad Street, Manasquan NJ**
 Client Rep.: **Mathew Hudson**

School Project Information

Building Id:
 Building No./Name: **Manasquan Elementary School**
 Building Address: **168 Broad Street, Manasquan NJ**
 Contact Name & Numbers:
 (0)Yr. Built (1)Yr. 1st Add.: (2)Yr. 2nd Add.: (3)Yr. 1st Mod.: (4)Yr. 2nd Mod.:

Inspector(s): **M. Moore**

Date of Sampling: **6/10/25**

Sample Data

Sample Description ID (ID Must Match Container Label)					Outlet Information			Results	
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds 30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
32	01			Pod C Hall	Chiller Fountain (R)		x	7:12	
33	01			Cafeteria	Chiller Fountain (L)		x	7:13	
34	01			Cafeteria	Chiller Fountain (R)		x	7:14	
35	01			Cafeteria Kitchen	Center Island Sink Faucet (L1)		x	7:17	
F35	01			Cafeteria Kitchen	Center Island Sink Faucet (L1)		x	7:18	
36	01			Cafeteria Kitchen	Center Island Sink Faucet (L2)		x	7:20	
F36	01			Cafeteria Kitchen	Center Island Sink Faucet (L2)		x	7:21	
37	01			Cafeteria Kitchen	Center Island Sink Faucet (R1)		x	7:22	
F37	01			Cafeteria Kitchen	Center Island Sink Faucet (R1)		x	7:23	
38	01			Cafeteria Kitchen	Center Island Sink Faucet (R2)		x	7:24	
F38	01			Cafeteria Kitchen	Center Island Sink Faucet (R2)		x	7:25	
39	01			Cafeteria Kitchen	Pot Fill Station		x	7:26	
F-39	01			Cafeteria Kitchen	Pot Fill Station		x	7:27	

All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNO3 @ pH<2 by field or to be preserved by lab X

Chain of Custody

Relinquished By: <i>[Signature]</i>	Received By:	Date/Time: 6/10/25

Method of Shipment/delivery:

___ Fed-Ex ___ Hand Delivery ___ US Mail ___ UPS ___ Courier ___ Other: ___

Instructions to the Laboratory

- Analyze "30 seconds" sample(s) ONLY when Initial sample exceeds 15 ppb
- Analyze both initial and follow-up samples
- Other: Follow QAPP

Lab:

Report Results To: Mike Moore
 Phone (609) 392-4200
 Email: mmoore@vtihq.com
 Fax: (609) 392-4200

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

TURN AROUND TIME REQUESTED: 1 WEEK



AD24148

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

Potable Water Sampling for Lead Concentration Sample Collection Form

Client Information

Name: Manasquan Board of Education
 Address: 167 Broad Street, Manasquan NJ
 Client Rep.: Mathew Hudson

School Project Information

Building Id:
 Building No./Name: Manasquan Elementary School
 Building Address: 168 Broad Street, Manasquan NJ
 Contact Name & Numbers:
 (0)Yr. Built (1)Yr. 1st Add.: (2)Yr. 2nd Add.: (3)Yr. 1st Mod.: (4)Yr. 2nd Mod.:

Inspector(s): M.Moore

Date of Sampling: 6/10/25

Sample Data

Sample Description ID (ID Must Match Container Label)					Outlet Information			Results		
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
H0	01			Cafeteria Kitchen	Hand Held Wand		X		7:30	
FH0	01			Cafeteria Kitchen	Hand Held Wand			X	7:31	
H1	✓	✓	✓	Break	Drink		✓	✓	Drink	

All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNO3 @ pH<2 by field or to be preserved by Lab X

Chain of Custody

Relinquished By:	Received By:	Date/Time:
<i>[Signature]</i>		6/10/25

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

Instructions to the Laboratory

Analyze "30 seconds" sample(s) ONLY when Initial sample exceeds 15 ppb
 Analyze both initial and follow-up samples
 Other: Follow QAPP

Report Results To: Mike Moore
 Phone (609) 392-4200
 Email: mmoore@vtihq.com
 Fax: (609) 392-4200

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

TURN AROUND TIME REQUESTED: 1 WEEK

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012524456
LIMS Reference ID: AD24456
EMSL Customer ID: ENVI65

Attention: Mike Moore
 Environmental Connection, Inc. [ENVI65]
 120 North Warren Street
 Trenton, NJ 08608
 (609) 392-4200
 mmoore@vtihq.com

Project Name: Manasquan Elementary School - 168 Broad Street, Manasquan, NJ
Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 06/13/2025 09:00
Reported: 06/20/2025 12:06

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 01/Water Chiller Fountain			Lims Reference ID: AD24456-01			Matrix: Drinking Water		Sampled: 06/11/25 06:00:00	
Metals									
Lead	ND		1	1.00	µg/L	06/17/25 10:44	06/17/25 14:13	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 02/Sink Faucet			Lims Reference ID: AD24456-02			Matrix: Drinking Water		Sampled: 06/11/25 06:05:00	
Metals									
Lead	2.12		1	1.00	µg/L	06/17/25 10:44	06/17/25 14:15	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 03/Hall by Library - Water Chiller Fountain			Lims Reference ID: AD24456-04			Matrix: Drinking Water		Sampled: 06/11/25 06:10:00	
Metals									
Lead	ND		1	1.00	µg/L	06/17/25 10:44	06/17/25 14:17	PL	EPA 200.8 (DA)/EPA 200.8
Sample: 04/Blank			Lims Reference ID: AD24456-05			Matrix: Drinking Water		Sampled: 06/11/25 00:00:00	
Metals									
Lead	ND		1	1.00	µg/L	06/17/25 10:44	06/17/25 14:19	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: 012524456
LIMS Reference ID: AD24456
EMSL Customer ID: ENVI65

Attention: Mike Moore
 Environmental Connection, Inc. [ENVI65]
 120 North Warren Street
 Trenton, NJ 08608
 (609) 392-4200
 mmoore@vtihq.com

Project Name: Manasquan Elementary School - 168 Broad Street, Manasquan, NJ

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 06/13/2025 09:00
Reported: 06/20/2025 12:06

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	04/01/2026
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	American Industrial Hygiene Association (AIHA LAP, LLC)	100194	04/01/2027
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

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



EMSL Analytical, Inc.

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

EMSL Order ID: 012524456
LIMS Reference ID: AD24456
EMSL Customer ID: ENVI65

Attention: Mike Moore
Environmental Connection, Inc. [ENVI65]
120 North Warren Street
Trenton, NJ 08608
(609) 392-4200
mmoore@vtihq.com

Project Name: Manasquan Elementary School - 168 Broad Street, Manasquan, NJ

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 06/13/2025 09:00
Reported: 06/20/2025 12:06

Notes and Definitions

Item	Definition
P2	Sample was preserved at the lab prior to analysis.
(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.

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.



AD24456

ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

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Client Information

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Address: 167 Broad Street, Manasquan NJ
Client Rep.: Mathew Hudson

School Project Information

Building Id:				
Building No./Name: Manasquan Elementary School				
Building Address: 168 Broad Street, Manasquan NJ				
Contact Name & Numbers:				
(0)Yr. Built	(1)Yr. 1 st Add.:	(2)Yr. 2 nd Add.:	(3)Yr. 1 st Mod.:	(4)Yr. 2 nd Mod.:

Inspector(s): M.Moore Date of Sampling: 06/13/25

Sample Data

5170221

Sample Description ID (ID Must Match Container Label)					Outlet Information			Results		
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Sampled Outlet Location/Coordinates	MFS/Model Serial #	0 Seconds	30 Seconds	Time of Collection (24 Hr)	Lead Conc. (ppb)
01	01			Pa2 B Hall	Water Chiller Fountain		X		06:20	
02	01			Pa2 B Hall	Sink Faucet		X		6:05	
F02	01			Pa2 B Hall	Sink Faucet			X	6:06	
03	01			Hall By Library	Water Chiller Fountain		X		6:10	
04				B Room	Blower					

All Containers are pre-cleaned/pre-certified 250 ml plastic bottles preserved w/ HNO3 @ pH<2 by field or to be preserved by lab X

Chain of Custody

Relinquished By:	Received By:	Date/Time:
<i>[Signature]</i>	<i>KC-WF 6/12/25 3:40pm</i> <i>[Signature]</i>	<i>06/13/25</i> <i>6/13/25 0900</i>

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) ONLY when Initial sample exceeds 15 ppb <input type="checkbox"/> Analyze both initial and follow-up samples <input type="checkbox"/> Other: Follow QAPP	Lab: <i>HNO3 added @ 15:30 ml/hold</i>	Report Results To: Mike Moore <input type="checkbox"/> Phone (609) 392-4200 <input checked="" type="checkbox"/> Email: mmoore@vtihq.com <input type="checkbox"/> Fax: (609) 392-4200
--	--	---

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

TURN AROUND TIME REQUESTED: 1 WEEK