



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

Attn: **Tim Popp**  
**TTI Environmental Inc.**  
**1253 North Church Street**  
**Moorestown, NJ 08057**

9/17/2021

Phone: (856) 840-8800  
Fax: (856) 840-8815

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/27/2021. The results are tabulated on the attached data pages for the following client designated project:

**21-206 Bridgewater Raritan - Van Holten School**

The reference number for these samples is EMSL Order #012110040. 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: 012110040  
 CustomerID: TTIE54  
 CustomerPO: 033125  
 ProjectID:

Attn: **Tim Popp**  
**TTI Environmental Inc.**  
**1253 North Church Street**  
**Moorestown, NJ 08057**

Phone: (856) 840-8800  
 Fax: (856) 840-8815  
 Received: 8/27/2021 11:50 AM

Project: 21-206 Bridgewater Raritan - Van Holten School

**Analytical Results**

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>			
12 VH-DW-A1 Classroom A1		8/25/2021 4:00:00 AM		012110040-0001			
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	3.10	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 15:56
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>			
14 VH-DW-A2 Classroom A2		8/25/2021 4:00:00 AM		012110040-0002			
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	ND	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 15:58
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>			
16 VH-DW-A4 Classroom A4		8/25/2021 4:00:00 AM		012110040-0003			
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	2.42	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 15:59
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>			
22 VH-DW-A7 Classroom A7		8/25/2021 4:00:00 AM		012110040-0004			
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	ND	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 16:01
<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>			
34 VH-DW-C10 Classroom C10		8/25/2021 4:00:00 AM		012110040-0005			
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	1.06	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 16:02

**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:	012110040
CustomerID:	TTIE54
CustomerPO:	033125
ProjectID:	

Attn: **Tim Popp**  
**TTI Environmental Inc.**  
**1253 North Church Street**  
**Moorestown, NJ 08057**

Phone: (856) 840-8800  
 Fax: (856) 840-8815  
 Received: 8/27/2021 11:50 AM

Project: 21-206 Bridgewater Raritan - Van Holten School

**Analytical Results**

*Client Sample Description* 38 VH-HDW2 Hallway *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0006

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	ND	1.00 µg/L	9/16/2021	VD	9/16/2021	VD
						16:04	

*Client Sample Description* 39 VH-HDW Hallway *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0007

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	3.74	1.00 µg/L	9/16/2021	VD	9/16/2021	VD
						16:08	

*Client Sample Description* 44 VH-KC2 Kitchen *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0008

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	ND	1.00 µg/L	9/16/2021	VD	9/16/2021	VD
						16:10	

*Client Sample Description* 45 VH-DW1 Hallway *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0009

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	6.01	1.00 µg/L	9/16/2021	VD	9/16/2021	VD
						16:11	

*Client Sample Description* 50 VH-DW-B4 Classroom B4 *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0010

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	1.55	1.00 µg/L	9/16/2021	VD	9/16/2021	VD
						16:15	

**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: 012110040  
 CustomerID: TTIE54  
 CustomerPO: 033125  
 ProjectID:

Attn: **Tim Popp**  
**TTI Environmental Inc.**  
**1253 North Church Street**  
**Moorestown, NJ 08057**

Phone: (856) 840-8800  
 Fax: (856) 840-8815  
 Received: 8/27/2021 11:50 AM

Project: 21-206 Bridgewater Raritan - Van Holten School

**Analytical Results**

*Client Sample Description* 52 VH-DW-B5 Classroom B5 *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0011

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	1.86	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 16:17

*Client Sample Description* 54 VH-DW-B6 Classroom B6 *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0012

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	1.30	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 16:18

*Client Sample Description* 56 VH-DW-B7 Classroom B7 *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0013

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	4.23	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 16:20

*Client Sample Description* 58 VH-DW-B8 Classroom B8 *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0014

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	5.29	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 16:21

*Client Sample Description* 60 VH-DW-B9 Classroom B9 *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0015

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	4.06	1.00 µg/L	9/16/2021	VD	9/16/2021	VD 16:26



**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: 012110040  
CustomerID: TTIE54  
CustomerPO: 033125  
ProjectID:

Attn: **Tim Popp**  
**TTI Environmental Inc.**  
**1253 North Church Street**  
**Moorestown, NJ 08057**

Phone: (856) 840-8800  
Fax: (856) 840-8815  
Received: 8/27/2021 11:50 AM

Project: 21-206 Bridgewater Raritan - Van Holten School

**Analytical Results**

*Client Sample Description* 37 VH-HDW-AW A Wing Hallway *Collected:* 8/25/2021 4:00:00 AM *Lab ID:* 012110040-0016

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date &amp; Analyst</i>		<i>Analysis Date &amp; Analyst</i>	
<b>METALS</b>							
200.8	Lead	4.46	1.00 µg/L	9/16/2021	VD	9/16/2021 16:27	VD

**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





1253 North Church Street, Moorestown, NJ 08057  
856-840-9800 Fax 856-840-8815

012110040

### LEAD IN WATER SAMPLING DATA AND CHAIN OF CUSTODY

PROJECT #: 21-206 CLIENT: Bridgewater-Raritan Board of Education

FACILITY: VAND HOLTOWN ADDRESS:

PO #: 033125

SAMPLER(S): Alex

DATE: 8/25/21

ADDRESS:

Sample ID	Location/Description	DATE: Time	Sample Type:		Initial	Outlet Type:	Volume	Notes: Discolored, Odor, Low Flow, Etc...
			Initial Flush (30sec / 15min)	Initial				
12	VH. DUS. A1	CLASSROOM A1	Initial	Initial	14:00	Initial	250ml	
14	VH. DUS. A2	CLASSROOM A2	Initial	Initial	14:00	Initial	250ml	
16	VH. DUS. A4	CLASSROOM A4	Initial	Initial	14:00	Initial	250ml	
22	VH. DUS. A7	CLASS ROOM A7	Initial	Initial	14:00	Initial	250ml	
34	VH DUS. C10	CLASSROOM C10	Initial	Initial	14:00	Initial	250ml	
18	VH HDUS2	HALLWAY	Initial	Initial	14:00	Initial	250ml	
19	VH. HDUS	HALLWAY	Initial	Initial	14:00	Initial	250ml	
14	VH. KCC2	KITCHEN	Initial	Initial	14:00	Initial	250ml	
15	VH DUS1	HALLWAY	Initial	Initial	14:00	Initial	250ml	
050	VH DUS B4	CLASS ROOM B4	Initial	Initial	14:00	Initial	250ml	
152	VH. DUS. B5	CLASSROOM B5	Initial	Initial	14:00	Initial	250ml	
354	VH DUS B6	CLASSROOM B6	Initial	Initial	14:00	Initial	250ml	
356	VH DUS B7	CLASSROOM B7	Initial	Initial	14:00	Initial	250ml	Low Flow
58	VH DUS B8	CLASSROOM B8	Initial	Initial	14:00	Initial	250ml	
150	VH DUS B9	CLASS ROOM B9	Initial	Initial	14:00	Initial	250ml	Low Flow
11	VH HDUS A1	A Wing Hallway	Initial	Initial	14:00	Initial	250ml	