



**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**

10/12/2021

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

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/28/2021. The results are tabulated on the attached data pages for the following client designated project:

**21-206 Bridgewater Raritan - High School**

The reference number for these samples is EMSL Order #012111197. 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.

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 Phone/Fax: (856) 303-2500 / (856) 858-4571  
<http://www.EMSL.com> [EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012111197  
 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: 9/28/2021 01:00 PM

Project: 21-206 Bridgewater Raritan - High School

**Analytical Results**

*Client Sample Description* HS-DW3-CAFE *Collected:* 9/24/2021 5:45:00 AM *Lab ID:* 012111197-0001

<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	2.08	1.00 ppb	10/6/2021	VD	10/7/2021	VD
						10:06	

*Client Sample Description* HS-DW7-200W *Collected:* 9/24/2021 5:47:00 AM *Lab ID:* 012111197-0002

<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	2.31	1.00 ppb	10/6/2021	VD	10/7/2021	VD
						10:07	

*Client Sample Description* HS-DW3-600W *Collected:* 9/24/2021 5:49:00 AM *Lab ID:* 012111197-0003

<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	9.93	1.00 ppb	10/6/2021	VD	10/7/2021	VD
						10:09	

*Client Sample Description* HS-DW5-600W *Collected:* 9/24/2021 5:51:00 AM *Lab ID:* 012111197-0004

<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	3.49	1.00 ppb	10/6/2021	VD	10/7/2021	VD
						10:10	

*Client Sample Description* HS-DW6-600W *Collected:* 9/24/2021 5:53:00 AM *Lab ID:* 012111197-0005

<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	5.04	1.00 ppb	10/6/2021	VD	10/7/2021	VD
						10:12	

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EMSL Order: 012111197  
 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: 9/28/2021 01:00 PM

Project: 21-206 Bridgewater Raritan - High School

**Analytical Results**

**Client Sample Description** HS-DW1-700W **Collected:** 9/24/2021 5:55:00 AM **Lab ID:** 012111197-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.71	1.00 ppb	10/6/2021 VD	10/7/2021 VD 10:13

**Client Sample Description** HS-DW5-700W **Collected:** 9/24/2021 5:57:00 AM **Lab ID:** 012111197-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.12	1.00 ppb	10/7/2021 IC	10/7/2021 VD 18:09

**Client Sample Description** HS-DW7-800W **Collected:** 9/24/2021 6:00:00 AM **Lab ID:** 012111197-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	10/7/2021 IC	10/7/2021 VD 18:10

**Client Sample Description** HS-DW8-800W **Collected:** 9/24/2021 6:02:00 AM **Lab ID:** 012111197-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.03	1.00 ppb	10/7/2021 IC	10/7/2021 VD 18:12

**Client Sample Description** HS-DW9-800W **Collected:** 9/24/2021 6:04:00 AM **Lab ID:** 012111197-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.20	1.00 ppb	10/7/2021 IC	10/7/2021 VD 18:13



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EMSL Order: 012111197  
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: 9/28/2021 01:00 PM

Project: 21-206 Bridgewater Raritan - High School

**Analytical Results**

*Client Sample Description* HS-DW10-800W *Collected:* 9/24/2021 6:06:00 AM *Lab ID:* 012111197-0011

<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	3.51	1.00 ppb	10/7/2021 IC	10/7/2021 18:15 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



EMSL ANALYTICAL, INC.

# Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

012111197

EMSL Analytical, Inc.  
200 Rt. 130 N.  
Chromatikon, NJ 08077

PHONE: (800) 220-3875  
EMAIL: EnvChemistry@EMSL.com

**Customer Information**

Customer ID:   
 Company Name: **TTI ENVIRONMENTAL**  
 Contact Name: **Tom Pepp**  
 Street Address: **1253 ~~W~~ NORTH CHURCH ST**  
 City, State, Zip: **MORRISTOWN, NJ** Country:   
 Phone: **856-540-8602**  
 Email(s) for Report: **timpp@ttienv.com**

**Billing Information**

Billing ID:   
 Company Name:   
 Billing Contact:   
 Street Address:   
 City, State, Zip:   
 Phone:   
 Email(s) for Invoice:   
 Purchase Order: **032125**

Project Name: **21-206 REIDGEMASTER BARRIAR - HIGH SCHOOL**  
 EMSL LIMS Project ID:   
 (If applicable, EMSL will provide)

State of Connecticut (CT) must select project location:  
 US State where samples collected: **NJ**  
 Commercial (Taxable)  
 Residential (Non-Taxable)  
 State Reporting Required?  Yes  No

Samples for Compliance?  Yes  No  
 If Yes, for NPDES?  Yes  No  
 Other (Specify): **NJ DOE**

Samples Collected by (Check One):  EMSL  CLIENT  
 Samples Received Chilled?  Yes  No

Sampled By Name: **HALEX SANTIAGO**  
 Sampled By Signature: *[Signature]*  
 Turn-Around-Time (TAT): **2 Weeks**

The following TAT's are subject to Lab approval. Call lab to confirm TAT before submital:  
 1 Week  4 Days  3 Days  2 Days  1 Day

Client Sample ID	Comp	Date / Time Collected	Matrix	Preservative	List Tests) Needed (Write in test below, then check on sample line.)							Comments	
					Test 1:	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:		
1 HS-DW3-COFF		5/20/01	W	HNO3	<input checked="" type="checkbox"/>								
2 HS-DW3-20DW		5/20/01	W	HNO3	<input checked="" type="checkbox"/>								
3 HS-DW3-60DW		5/20/01	W	HNO3	<input checked="" type="checkbox"/>								
4 HS-DW3-60DW		5/20/01	W	HNO3	<input checked="" type="checkbox"/>								

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

**Reporting Requirements:**

Method of Shipment:   
 Results Only  Results and QC  Reduced Deliverables  Hiresulls EDD  Excel  Other (Describe Above)

Relinquished by: **HALEX SANTIAGO**  
 Date/Time: **9/24/2021 1:00p**

Received by: **EM**  
 Date/Time: **9/28/21 10:00a**

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference to their website. Signatures of samples to EMSL Analytical, Inc. constitute acceptance and acknowledgment of all terms and conditions by **Elabor** 09/28/21 13:00pm

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing the Chain of Custody document by electronic signature)

Page 1 of 3



EMSL ANALYTICAL, INC.

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

012111197

EMSL Analytical, Inc.  
200 Rt. 138 N  
Cherry Hill, NJ 08037

PHONE: (609) 220-3575  
EMAIL: EnvChemistry2@EMSL.com

Additional Pages of this Chain of Custody are only necessary if needed for additional sample information. Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix W=Water S=Soil A=Air SL=Sludge O=Other	Preservative 1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other Describe in Special Instructions	List Test(s) Needed (Write in test below, then check on sample line.)								Comments	
						Test 1:	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:		
5 HS-DW6-600W	<input type="checkbox"/>	<input type="checkbox"/>	5:53 AM	W	HNO3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6 HS-DW1-700W	<input type="checkbox"/>	<input type="checkbox"/>	5:57 AM	W	HNO3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7 HS-DW5-700W	<input type="checkbox"/>	<input type="checkbox"/>	5:57 AM	W	HNO3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8 HS-DW3-800W	<input type="checkbox"/>	<input type="checkbox"/>	6:00 AM	W	HNO3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9 HS-DW8-800W	<input type="checkbox"/>	<input type="checkbox"/>	6:02 AM	W	HNO3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10 HS-DW9-800W	<input type="checkbox"/>	<input type="checkbox"/>	6:04 AM	W	HNO3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11 HS-DW10-800W	<input type="checkbox"/>	<input type="checkbox"/>	6:05 AM	W	HNO3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Method of Shipment: \_\_\_\_\_

Relinquished by: Alex Saurido Date/Time: 9/24/2021

Relinquished by: [Signature] Date/Time: 9/28/21 1:06p

Received by: [Signature] Date/Time: 9/28/21 10:50a

Sample Condition Upon Receipt: \_\_\_\_\_

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

AGREE TO ELECTRONIC SIGNATURE (By checking I consent to signing this Chain of Custody document by electronic signature.)