



**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**

9/24/2021

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

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/3/2021. The results are tabulated on the attached data pages for the following client designated project:

**21-206 Bridgewater Raritan - Middle School**

The reference number for these samples is EMSL Order #012110361. 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.**

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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:	012110361
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: 9/3/2021 11:55 AM

Project: 21-206 Bridgewater Raritan - Middle School

**Analytical Results**

*Client Sample Description* MS-DW5-AW *Collected:* *Lab ID:* 012110361-0001

<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	ND	1.00 µg/L	9/22/2021	VD	9/22/2021	VD 19:00

*Client Sample Description* MS-DW2-GH *Collected:* *Lab ID:* 012110361-0002

<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	118 D	5.00 µg/L	9/22/2021	VD	9/23/2021	VD 09:24

*Client Sample Description* MS-DW1-GTR *Collected:* *Lab ID:* 012110361-0003

<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	ND	1.00 µg/L	9/22/2021	VD	9/23/2021	VD 09:27

*Client Sample Description* MS-DW1-BTR *Collected:* *Lab ID:* 012110361-0004

<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	3.02	1.00 µg/L	9/22/2021	VD	9/22/2021	VD 19:12

*Client Sample Description* MS-DW2-BTR *Collected:* *Lab ID:* 012110361-0005

<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	2.08	1.00 µg/L	9/22/2021	VD	9/22/2021	VD 19:15

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EMSL Order: 012110361  
 CustomerID: TTIE54  
 CustomerPO: 033125  
 ProjectID:

Attn: **Tim Popp**  
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**Moorestown, NJ 08057**

Phone: (856) 840-8800  
 Fax: (856) 840-8815  
 Received: 9/3/2021 11:55 AM

Project: 21-206 Bridgewater Raritan - Middle School

**Analytical Results**

*Client Sample Description* MS-DW1-CW *Collected:* *Lab ID:* 012110361-0006

<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	9/22/2021	VD	9/22/2021	VD
						19:22	

*Client Sample Description* MS-DW2-CW *Collected:* *Lab ID:* 012110361-0007

<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	9.36	1.00 µg/L	9/22/2021	VD	9/22/2021	VD
						19:24	

*Client Sample Description* MS-KC2-KIT *Collected:* *Lab ID:* 012110361-0008

<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	9/22/2021	VD	9/22/2021	VD
						19:27	

*Client Sample Description* MS-KC3-KIT *Collected:* *Lab ID:* 012110361-0009

<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	3.48	1.00 µg/L	9/22/2021	VD	9/22/2021	VD
						19:29	

*Client Sample Description* MS-IM-KIT *Collected:* *Lab ID:* 012110361-0010

<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	ND	1.00 µg/L	9/22/2021	VD	9/22/2021	VD
						19:32	

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EMSL Order: 012110361  
 CustomerID: TTIE54  
 CustomerPO: 033125  
 ProjectID:

Attn: **Tim Popp**  
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**Moorestown, NJ 08057**

Phone: (856) 840-8800  
 Fax: (856) 840-8815  
 Received: 9/3/2021 11:55 AM

Project: 21-206 Bridgewater Raritan - Middle School

**Analytical Results**

*Client Sample Description* Blank *Collected:* *Lab ID:* 012110361-0011

<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	ND	1.00 µg/L	9/22/2021 VD	9/22/2021 VD 19:34

**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

012110361

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

PHONE: (800) 220-3575  
EMAIL: EnvChemistry2@EMSL.com

Customer Information		Billing Information	
Company Name:	TTI ENVIRONMENTAL INC	Billing ID:	012110361
Contact Name:	Tim Popp	Company Name:	SAME AS Customer Info.
Street Address:	1253 NORTH CHURCH ST	Billing Contact:	
City, State, Zip:	MORRISTOWN NJ	Street Address:	
Phone:	856-840-8800	City, State, Zip:	
Email(s) for Report:	tim@ttienv.com	Phone:	
		Email(s) for Invoice:	

Project Name: 21-206 BRIDGEWATER RARIAN - MIDDLE SCHOOL NJ

EMSL LIMS Project ID: [Blank]

US State where samples collected: NJ

State of Collection (CT) must select project location: [Blank]

Commercial (Taxable) [Blank] Residential (Non-Taxable) [Blank]

Purchase Order: D33125

State Reporting Required? [Blank]

Yes [Blank] No [Blank]

EMSL [Blank] Client [Checked] Samples Received Chilled? [Blank]

Other (Specify) [Blank]

Yes [Blank] No [Blank]

Sampled By Name: Alex Santiago

Signature: [Signature]

Turn-Around-Time (TAT): Standard Turn-Around-Time: 2 Weeks

1 Week [Blank] 4 Days [Blank] 3 Days [Blank] 2 Days [Blank] 1 Day [Blank]

No. of Samples in Shipment: 11

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Tests (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:		
MS-DW5-AW			W	W=Water S=Soil A=Air SL=Sludge O=Other	1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other	LEAD									
MS-DW2-GH			W												
MS-DW1-GTR			W												
MS-DW1-BTR			W												

Reporting Requirements: Results Only [Checked] Results and QC [Blank]

Method of Shipment: Drop Off

Reduced Deliverables [Blank] Htzresults EDD [Blank] Excel [Checked] Other (Describe Above) [Blank]

Sample Condition Upon Receipt: [Blank]

Relinquished by: Alex Santiago

Date/Time: 9/3/2021 12:00pm

Received by: [Signature]

Date/Time: 9/3/21 1:55pm

Controlled Document - COC-07 Chemistry R11 02/26/2021

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

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

Page 1 of 2



EMSL ANALYTICAL, INC.

### Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

012110361

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

PHONE: (800) 220-3675  
EMAIL: EnvChemistry2@EMSL.com

Additional Pages of the 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	Preservative	List Test(s) Needed (Write in test below, then check on sample line.)								Comments	
				W=Water S=Soil A=Air SL=Sludge O=Other	1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other Describe in Special Instructions	Test 1:	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:		
MS-DW2-PTR	<input type="checkbox"/>	<input type="checkbox"/>		W	HND3	<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"/>	
MS-DW1-CW	<input type="checkbox"/>	<input type="checkbox"/>		W	HND3	<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"/>	
MS-DW2-CW	<input type="checkbox"/>	<input type="checkbox"/>		W	HND3	<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"/>	
MS-KC2-KIT	<input type="checkbox"/>	<input type="checkbox"/>		W	HND3	<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"/>	
MS-KC3-KIT	<input type="checkbox"/>	<input type="checkbox"/>		W	HND3	<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"/>	
MS-1M-KIT	<input type="checkbox"/>	<input type="checkbox"/>		W	HND3	<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"/>	
BLANK	<input type="checkbox"/>	<input type="checkbox"/>		W	HND3	<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: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Controlled Document - CQC-07 Chemistry R11 02/26/2021  
 AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)  
 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.