



**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**

9/7/2021

Phone: (856) 840-8800

Fax: (856) 840-8815

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/12/2021. The results are tabulated on the attached data pages for the following client designated project:

**21-206 Bridgewater Raritan - Adamsville**

The reference number for these samples is EMSL Order #012109239. 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: 012109239  
 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: 8/12/2021 09:00 AM

Project: 21-206 Bridgewater Raritan - Adamsville

**Analytical Results**

*Client Sample Description* 2 AV-DW-211  
211  
*Collected:* 8/10/2021 4:17:00 PM  
*Lab ID:* 012109239-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.26	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:01

*Client Sample Description* 4 AV-DW-207  
207  
*Collected:* 8/10/2021 4:15:00 PM  
*Lab ID:* 012109239-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.52	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:05

*Client Sample Description* 8 AV-DW-402  
402  
*Collected:* 8/10/2021 4:28:00 PM  
*Lab ID:* 012109239-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.71	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:07

*Client Sample Description* 10 AV-DW-403  
403  
*Collected:* 8/10/2021 4:37:00 PM  
*Lab ID:* 012109239-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.04	1.00 µg/L	8/30/2021 IC	8/31/2021 JW 13:55

*Client Sample Description* 12 AV-DW-404  
404  
*Collected:* 8/10/2021 4:30:00 PM  
*Lab ID:* 012109239-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:11

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EMSL Order: 012109239  
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 Received: 8/12/2021 09:00 AM

Project: 21-206 Bridgewater Raritan - Adamsville

**Analytical Results**

*Client Sample Description* 14 AV-DW-405 405 *Collected:* 8/10/2021 4:36:00 PM *Lab ID:* 012109239-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:12

*Client Sample Description* 16 AV-DW-406 406 *Collected:* 8/10/2021 4:32:00 PM *Lab ID:* 012109239-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.06	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:14

*Client Sample Description* 18 AV-DW-407 407 *Collected:* 8/10/2021 4:35:00 PM *Lab ID:* 012109239-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:15

*Client Sample Description* 20 AV-DW-408 408 *Collected:* 8/10/2021 4:33:00 PM *Lab ID:* 012109239-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	12.1	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:16

*Client Sample Description* 25 AV-KC1-Kit Kitchen *Collected:* 8/10/2021 4:51:00 PM *Lab ID:* 012109239-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.74	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:18

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 Received: 8/12/2021 09:00 AM

Project: 21-206 Bridgewater Raritan - Adamsville

**Analytical Results**

*Client Sample Description* 26 AV-KC2-Kit Kitchen *Collected:* 8/10/2021 4:52:00 PM *Lab ID:* 012109239-0011

<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	3.13	1.00 µg/L	8/31/2021	KG	9/2/2021 21:02	JW

*Client Sample Description* 28 Av-WC1-200W 200 Wing *Collected:* 8/10/2021 4:42:00 PM *Lab ID:* 012109239-0012

<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	ND	1.00 µg/L	8/31/2021	VD	8/31/2021 20:19	VD

*Client Sample Description* 29 AV-WC2-200W 200 Wing *Collected:* 8/10/2021 4:40:00 PM *Lab ID:* 012109239-0013

<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	1.00	1.00 µg/L	8/31/2021	VD	8/31/2021 20:20	VD

*Client Sample Description* 30 AV-WC3-200W 200 Wing *Collected:* 8/10/2021 4:20:00 PM *Lab ID:* 012109239-0014

<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	ND	1.00 µg/L	8/31/2021	VD	8/31/2021 20:27	VD

*Client Sample Description* 31 AV-WC1-100W 100 Wing *Collected:* 8/10/2021 4:45:00 PM *Lab ID:* 012109239-0015

<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	ND	1.00 µg/L	8/31/2021	VD	8/31/2021 20:29	VD

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 Received: 8/12/2021 09:00 AM

Project: 21-206 Bridgewater Raritan - Adamsville

**Analytical Results**

**Client Sample Description** 32 AV-WC2-100W  
100 Wing  
**Collected:** 8/10/2021 4:48:00 PM  
**Lab ID:** 012109239-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.84	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:30

**Client Sample Description** 33 AV-WC-APR  
APR  
**Collected:** 8/10/2021 4:55:00 PM  
**Lab ID:** 012109239-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:32

**Client Sample Description** 35 AV-WC1-400 Wing  
400 Wing  
**Collected:** 8/10/2021 4:23:00 PM  
**Lab ID:** 012109239-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:33

**Client Sample Description** 36AV-WC2-400W  
400 Wing  
**Collected:** 8/10/2021 4:23:00 PM  
**Lab ID:** 012109239-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:34

**Client Sample Description** Blank  
**Collected:** 8/10/2021 5:00:00 PM  
**Lab ID:** 012109239-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	8/31/2021 VD	8/31/2021 VD 20:36



## EMSL Analytical, Inc.

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EMSL Order:	012109239
CustomerID:	TTIE54
CustomerPO:	033125
ProjectID:	

### 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



# Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

012109239

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

**Customer Information**

Customer ID: [ ] Company Name: TTI Environmental Inc  
 Contact Name: Tim Popp  
 Street Address: 1253 North Church Street  
 City, State, Zip: Moorestown NJ Country: [ ]  
 Phone: 856-840-8800  
 Email(s) for Report: timp@ttienv.com

**Billing Information**

Billing ID: [ ] Company Name: Same  
 Billing Contact: [ ] Street Address: [ ]  
 City, State, Zip: [ ] Country: [ ]  
 Phone: [ ]  
 Email(s) for Invoice: [ ]

Project Name: 21-206 Bridgewater Raritan - Adamsville  
 EMSL LIMS Project ID: [ ] US State where samples collected: NJ  
 State of Connecticut (CT) must select project location: [ ] Commercial (Taxable) [ ] Residential (Non-Taxable) [ ]  
 Purchase Order: 033125

Samples for Compliance?  Yes  No  
 If Yes, for NPDES?  Yes  No  
 Other (Specify) NJDOE  
 PWS ID: [ ] State Reporting Required?  Yes  No

Samples Collected by (Check One):  EMSL  CLIENT  
 Samples Received Chilled?  Yes  No  
 Sample(s) Temperature Upon Receipt (LAB ONLY) [ ]

Sampled By Name: [ ] Signature: [ ] No. of Samples in Shipment: 20  
 Turn-Around-Time (TAT) Standard Turn-Around-Time:  2 Weeks  
 The following TAT's are subject to Lab approval. Call lab to confirm TAT before submission:  
 1 Week [ ] 4 Days [ ] 3 Days [ ] 2 Days [ ] 1 Day [ ]

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:							
See attached				W=Water S=Soil A=Air SL=Sludge O=Other	1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other Describe below in Special Instructions	<input checked="" type="checkbox"/>														

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

Reporting Requirements:  Results Only  Results and QC  
 Reduced Deliverables  Hiresulla EDD  Excel  Other (Describe Above)

Method of Shipment: [ ]

Order ID: 012109239

Relinquished by: [ ] Date/Time: 8/10/21 6:00  
 Received by: E. [ ] Date/Time: 8/12/21 12:00PM

Relinquished by: [ ] Date/Time: 8/12/21 12:00PM  
 Received by: [ ] Date/Time: 8/12/21 12:00PM

Order ID: 012109239

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

Page 1 of 3



1253 North Church Street, Moorestown, NJ 08057  
856-840-8800 Fax 856-840-8815

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

012109239

PROJECT #: 21-206

CLIENT: Bridgewater-Raritan Board of Education

FACILITY: Adamsville

PO #: 033125

SAMPLER(S): Meter / Apex 5

ADDRESS: 400 Union Ave.

Sample ID	Location/Description	DATE:	Time	Sample Type: Initial Flush (30sec / 15min)	Outlet Type:	Volume	Notes: Discolored, Odor, Low Flow, Etc...
2	AV-DW-211	8-10-21	4:17	Initial	Fountain	250mL	
4	AV-DW-207		4:15	Initial		250mL	
8	AV-DW-402		4:28	Initial		250mL	
10	AV-DW-403		4:37	Initial		250mL	
12	AV-DW-404		4:30	Initial		250mL	
14	AV-DW-405		4:30	Initial		250mL	
16	AV-DW-406		4:32	Initial		250mL	
18	AV-DW-407		4:35	Initial		250mL	
20	AV-DW-408		4:33	Initial		250mL	
25	AV-KC1-Kit		4:51	Initial	Faucet	250mL	
26	AV-KC2-Kit		4:52	Initial	Faucet	250mL	
28	AV-WC1-200W		4:42	Initial	Fountain	250mL	
29	AV-WC2-200W		4:40	Initial		250mL	
30	AV-WC3-200W		4:20	Initial		250mL	
31	AV-WC1-100W		4:45	Initial		250mL	
32	AV-WC2-100W		4:48	Initial		250mL	
33	AV-WC-APR		4:55	Initial		250mL	
35	AV-WC-400 wings		4:23	Initial		250mL	





1253 North Church Street, Moorestown, NJ 08057  
 856-840-8800 Fax 856-840-8815

012109239

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

PROJECT #: 21-206

CLIENT: Bridgewater-Raritan Board of Education

FACILITY: Adamsville

PO #: 033125

SAMPLER(S): West Hill S

DATE: 8-10-21

ADDRESS: 4100 Union Ave.

Sample ID	Location/Description	Time	Sample Type:		Order Type:	Volume	Notes: Discolored, Odor, Low Flow, Etc...
			Initial	Flush (30sec / 15min)			
36	Ar-we-2-4000	4:23	Initial		Fountain	250ml	
37	<del>Ar-Du-307</del> Black	<del>309</del> 5:00	Initial		<del>Fountain</del>	250ml	Aborted
			Initial			250ml	
			Initial			250ml	
			Initial			250ml	
			Initial			250ml	
			Initial			250ml	
			Initial			250ml	
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			Initial			250ml	
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			Initial			250ml	
			Initial			250ml	
			Initial			250ml	

OrderID: 012109239