



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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Attn:

**Nathanael Roberts  
TTI Environmental Inc.  
1253 North Church Street  
Moorestown, NJ 08057**

5/11/2022

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

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/20/2022. The results are tabulated on the attached data pages for the following client designated project:

**21-116/High School R Wing**

The reference number for these samples is EMSL Order #012206484. 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:

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Owen McKenna, 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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EMSL Order: 012206484

CustomerID: TTIE54

CustomerPO: 034273

ProjectID:

Attn: **Nathanael Roberts**  
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 Received: 4/20/2022 11:40 AM

Project: 21-116/High School R Wing

**Analytical Results**

**Client Sample Description** HSR-CWM1-Machine Room **Collected:** 4/20/2022 7:15:00 AM **Lab ID:** 012206484-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	47.4	1.00 µg/L	5/4/2022 EM	5/5/2022 15:23 JW

**Client Sample Description** HSR-FT1-Aux Boys Locker Room **Collected:** 4/20/2022 7:37:00 AM **Lab ID:** 012206484-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 19:46 VD

**Client Sample Description** HSR-FT2-Aux Girls Locker Room **Collected:** 4/20/2022 7:38:00 AM **Lab ID:** 012206484-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 19:51 VD

**Client Sample Description** HSR-FT14-Main Gym **Collected:** 4/20/2022 7:50:00 AM **Lab ID:** 012206484-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 19:52 VD

**Client Sample Description** HSR-FT23-Girls Locker Room **Collected:** 4/20/2022 7:49:00 AM **Lab ID:** 012206484-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 19:57 VD

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**Analytical Results**

**Client Sample Description** HSR-FT13-Boys Locker Room **Collected:** 4/20/2022 7:14:00 AM **Lab ID:** 012206484-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 19:59 VD

**Client Sample Description** HSR-FT28-Outside Gym **Collected:** 4/20/2022 7:11:00 AM **Lab ID:** 012206484-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:00 VD

**Client Sample Description** HSR-FT27-Outside Gym **Collected:** 4/20/2022 7:11:00 AM **Lab ID:** 012206484-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:02 VD

**Client Sample Description** HSR-BTFL27-Outside Gym **Collected:** 4/20/2022 7:12:00 AM **Lab ID:** 012206484-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:03 VD

**Client Sample Description** HSR-FT25-Across Elevator 3 **Collected:** 4/20/2022 7:21:00 AM **Lab ID:** 012206484-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:05 VD

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**Analytical Results**

**Client Sample Description** HSR-FT24-Across Elevator 3 **Collected:** 4/20/2022 7:22:00 AM **Lab ID:** 012206484-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:06 VD

**Client Sample Description** HSR-FT4 H1 11 **Collected:** 4/20/2022 7:30:00 AM **Lab ID:** 012206484-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/4/2022 EM	5/5/2022 15:25 JW

**Client Sample Description** HSR-FT5-HI 10 **Collected:** 4/20/2022 7:31:00 AM **Lab ID:** 012206484-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:08 VD

**Client Sample Description** HSR-FT6-By K106 **Collected:** 4/20/2022 7:32:00 AM **Lab ID:** 012206484-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:16 VD

**Client Sample Description** HSR-FT7-By K106 **Collected:** 4/20/2022 7:33:00 AM **Lab ID:** 012206484-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:17 VD

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**Analytical Results**

**Client Sample Description** HSR-FT8-By L109 **Collected:** 4/20/2022 7:34:00 AM **Lab ID:** 012206484-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:19 VD

**Client Sample Description** HSR-FT9-By L109 **Collected:** 4/20/2022 7:36:00 AM **Lab ID:** 012206484-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:20 VD

**Client Sample Description** HSR-FT10-By I109 **Collected:** 4/20/2022 7:37:00 AM **Lab ID:** 012206484-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:22 VD

**Client Sample Description** HSR-FT11-Byi109 **Collected:** 4/20/2022 7:38:00 AM **Lab ID:** 012206484-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:23 VD

**Client Sample Description** HSR-S22-Nurses Office **Collected:** 4/20/2022 7:49:00 AM **Lab ID:** 012206484-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	8.94	1.00 µg/L	5/5/2022 VD	5/5/2022 20:25 VD

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**Analytical Results**

**Client Sample Description** HSR-IM1-Nurses Office **Collected:** 4/20/2022 7:48:00 AM **Lab ID:** 012206484-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:27 VD

**Client Sample Description** HSR-FT22-By H205 **Collected:** 4/20/2022 7:53:00 AM **Lab ID:** 012206484-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:28 VD

**Client Sample Description** HSR-FT21-By H205 **Collected:** 4/20/2022 7:54:00 AM **Lab ID:** 012206484-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:37 VD

**Client Sample Description** HSR-FT15-By K205 **Collected:** 4/20/2022 7:55:00 AM **Lab ID:** 012206484-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:42 VD

**Client Sample Description** HSR-FT16-By K205 **Collected:** 4/20/2022 7:56:00 AM **Lab ID:** 012206484-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:44 VD

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**Analytical Results**

**Client Sample Description** HSR-S51-Faculty Room **Collected:** 4/20/2022 7:58:00 AM **Lab ID:** 012206484-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.26	1.00 µg/L	5/5/2022 VD	5/5/2022 20:45 VD

**Client Sample Description** HSR-FT17-By L205 **Collected:** 4/20/2022 8:01:00 AM **Lab ID:** 012206484-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:47 VD

**Client Sample Description** HSR-FT18-By L205 **Collected:** 4/20/2022 8:02:00 AM **Lab ID:** 012206484-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 20:48 VD

**Client Sample Description** HSR-S42-Life Skills **Collected:** 4/20/2022 8:03:00 AM **Lab ID:** 012206484-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.91	1.00 µg/L	5/5/2022 VD	5/5/2022 20:56 VD

**Client Sample Description** HSR-S41-Life Skills **Collected:** 4/20/2022 8:04:00 AM **Lab ID:** 012206484-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.06	1.00 µg/L	5/5/2022 VD	5/5/2022 20:58 VD

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**Analytical Results**

**Client Sample Description** HSR-S43-Home Ec **Collected:** 4/20/2022 8:04:00 AM **Lab ID:** 012206484-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.61	1.00 µg/L	5/5/2022 VD	5/5/2022 20:59 VD

**Client Sample Description** HSR-S44-Home Ec **Collected:** 4/20/2022 8:05:00 AM **Lab ID:** 012206484-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	6.36	1.00 µg/L	5/5/2022 VD	5/5/2022 21:01 VD

**Client Sample Description** HSR-S45-Home Ec **Collected:** 4/20/2022 8:06:00 AM **Lab ID:** 012206484-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.88	1.00 µg/L	5/5/2022 VD	5/5/2022 21:02 VD

**Client Sample Description** HSR-S46-Home Ec **Collected:** 4/20/2022 8:07:00 AM **Lab ID:** 012206484-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.80	1.00 µg/L	5/5/2022 VD	5/5/2022 21:07 VD

**Client Sample Description** HSR-S47-Home Ec **Collected:** 4/20/2022 8:08:00 AM **Lab ID:** 012206484-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	10.6	1.00 µg/L	5/4/2022 EM	5/5/2022 15:28 JW



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**Analytical Results**

**Client Sample Description** HSR-S48-Home Ec **Collected:** 4/20/2022 8:09:00 AM **Lab ID:** 012206484-0036

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.21	1.00 µg/L	5/5/2022 VD	5/5/2022 21:12 VD

**Client Sample Description** HSR-S49-Home Ec **Collected:** 4/20/2022 8:10:00 AM **Lab ID:** 012206484-0037

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	12.8	1.00 µg/L	5/5/2022 VD	5/5/2022 21:13 VD

**Client Sample Description** HSR-S50-Home Ec **Collected:** 4/20/2022 8:11:00 AM **Lab ID:** 012206484-0038

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.89	1.00 µg/L	5/5/2022 VD	5/5/2022 21:15 VD

**Client Sample Description** HSR-FT19-By 1208 **Collected:** 4/20/2022 8:12:00 AM **Lab ID:** 012206484-0039

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 21:16 VD

**Client Sample Description** HSR-FT20-By 1208 **Collected:** 4/20/2022 8:12:00 AM **Lab ID:** 012206484-0040

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	5/5/2022 VD	5/5/2022 21:18 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