



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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

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Attn:

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

1/27/2022

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

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 1/12/2022. The results are tabulated on the attached data pages for the following client designated project:

**21-211/Perth Amboy HS**

The reference number for these samples is EMSL Order #012200860. 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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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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EMSL Order: 012200860  
 CustomerID: TTIE54  
 CustomerPO: 034117  
 ProjectID:

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Phone: (856) 840-8800  
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 Received: 1/12/2022 02:00 PM

Project: 21-211/Perth Amboy HS

**Analytical Results**

**Client Sample Description** 1 / PAH-SF-K1 / Kitchen-Food Prep (Back to Back) **Collected:** 1/12/2022 8:07:00 AM **Lab ID:** 012200860-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.77	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 06:59

**Client Sample Description** 2 / PAH-SF-K2 / Kitchen-Food Prep (Back to Back) **Collected:** 1/12/2022 8:08:00 AM **Lab ID:** 012200860-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:03

**Client Sample Description** 3 / PAH-SF-K3 / Kitchen-Food Prep (Single w/Long T) **Collected:** 1/12/2022 8:09:00 AM **Lab ID:** 012200860-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:05

**Client Sample Description** 4 / PAH-SF-K4 / Kitchen-Food Prep (Double Tub) **Collected:** 1/12/2022 8:10:00 AM **Lab ID:** 012200860-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:07

**Client Sample Description** 5 / PAH-CM-K / Kitchen **Collected:** 1/12/2022 8:11:00 AM **Lab ID:** 012200860-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:14

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**Analytical Results**

**Client Sample Description** 6 / PAH-SF-K5/ Kitchen-Food Prep (w/ Coffee Maker) **Collected:** 1/12/2022 **Lab ID:** 012200860-0006

8:12:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:16
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**Client Sample Description** 7 / PAH-IM-K / Kitchen **Collected:** 1/12/2022 **Lab ID:** 012200860-0007

8:06:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:17
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**Client Sample Description** 8 / PAH-SF-K6 / Kitchen-Food Prep (Angled Table) **Collected:** 1/12/2022 **Lab ID:** 012200860-0008

8:05:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	1.13	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:19
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**Client Sample Description** 9 / PAH-SF-K7 / Kitchen-Food Prep (Small Table w/C) **Collected:** 1/12/2022 **Lab ID:** 012200860-0009

8:04:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	1.18	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:21
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**Client Sample Description** 10 / PAH-DW-HALLBGYM / Hall to Boys Gym at Bathroo **Collected:** 1/12/2022 **Lab ID:** 012200860-0010

8:13:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
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**METALS**

200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:22
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**Analytical Results**

**Client Sample Description** 11 / PAH-IM-TRAINER / Trainers Office-Boys Gym **Collected:** 1/12/2022 8:24:00 AM **Lab ID:** 012200860-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:24

**Client Sample Description** 12 / PAH-SS-TRAINER / Trainers Office-Boys Gym **Collected:** 1/12/2022 8:25:00 AM **Lab ID:** 012200860-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.71	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:31

**Client Sample Description** 13 / PAH-DW-HALLMAIN / Main Lobby Near Bathrooms **Collected:** 1/12/2022 7:58:00 AM **Lab ID:** 012200860-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.86	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:33

**Client Sample Description** 14 / PAH-WC-HALLMAIN / Main Lobby Near Bathrooms **Collected:** 1/12/2022 7:59:00 AM **Lab ID:** 012200860-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:35

**Client Sample Description** 17 / PAH-SF-NURSEMO / Nurse-Main Office **Collected:** 1/12/2022 7:56:00 AM **Lab ID:** 012200860-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	10.0	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:36

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**Analytical Results**

**Client Sample Description** 19 / PAH-DW-HALL102 / Hall Adjacent RM 102 **Collected:** 1/12/2022 7:52:00 AM **Lab ID:** 012200860-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.73	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:38

**Client Sample Description** 20 / PAH-DW-HALL109 / Hall Adjacent RM 109 **Collected:** 1/12/2022 7:50:00 AM **Lab ID:** 012200860-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.80	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:39

**Client Sample Description** 21 / PAH-SF-R115 / RM 115 **Collected:** 1/12/2022 7:48:00 AM **Lab ID:** 012200860-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:41

**Client Sample Description** 22 / PAH-DW-HALL114 / Hall at RM 114 **Collected:** 1/12/2022 7:50:00 AM **Lab ID:** 012200860-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.65	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:42

**Client Sample Description** 23 / PAH-DW-HALL123 / Hall at RM 123 **Collected:** 1/12/2022 7:25:00 AM **Lab ID:** 012200860-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 07:44

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**Analytical Results**

**Client Sample Description** 25 / PAH-DW-HALL200 / Hall at RM 200 **Collected:** 1/12/2022 7:42:00 AM **Lab ID:** 012200860-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.33	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:07

**Client Sample Description** 27 / PAH-DW-HALL218 / Hall at RM 218 **Collected:** 1/12/2022 7:45:00 AM **Lab ID:** 012200860-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.59	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:09

**Client Sample Description** 28 / PAH-DW-HALL222 / Hall at RM 222 **Collected:** 1/12/2022 7:43:00 AM **Lab ID:** 012200860-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:10

**Client Sample Description** 29 / PAH-DW-HALL324 / Hall at RM 324 **Collected:** 1/12/2022 7:28:00 AM **Lab ID:** 012200860-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:12

**Client Sample Description** 30 / PAH-DW-HALL320 / Hall at RM 320 **Collected:** 1/12/2022 7:30:00 AM **Lab ID:** 012200860-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.80	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:13

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**Analytical Results**

**Client Sample Description** 31 / PAH-SF-R320C / RM 320/322 Connector **Collected:** 1/12/2022 7:32:00 AM **Lab ID:** 012200860-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	32.3	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:15

**Client Sample Description** 32 / PAH-SF-R316C / RM 316/318 Connector **Collected:** 1/12/2022 7:34:00 AM **Lab ID:** 012200860-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	7.86	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:19

**Client Sample Description** 33 / PAH-DW-HALL309 / Hall at RM 309 **Collected:** 1/12/2022 7:36:00 AM **Lab ID:** 012200860-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:21

**Client Sample Description** 38 / PAH-SF-ROTCC-19 / ROTC Trailer C (19) **Collected:** 1/12/2022 8:34:00 AM **Lab ID:** 012200860-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:26

**Client Sample Description** 39 / PAH-WC--ROTCD-18 / ROTC Trailer D (18) **Collected:** 1/12/2022 8:33:00 AM **Lab ID:** 012200860-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:27

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**Analytical Results**

**Client Sample Description** 41 / PAH-WC-ROTCGYM / ROTC Gym-By Trailers **Collected:** 1/12/2022 8:30:00 AM **Lab ID:** 012200860-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	9.27	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:29

**Client Sample Description** 23B / PAH-BF-HALL123 / Hall at Room 123 **Collected:** 1/12/2022 7:26:00 AM **Lab ID:** 012200860-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:30

**Client Sample Description** 14B / PAH-BF-HALLMAIN / Main Lobby Near Bathrooms **Collected:** 1/12/2022 7:59:00 AM **Lab ID:** 012200860-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:32

**Client Sample Description** 10B / PAH-BF-HALLGYM / Hall Near Gym Boy Bathrooms **Collected:** 1/12/2022 8:13:00 AM **Lab ID:** 012200860-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:33

**Client Sample Description** 46 / Field Blank **Collected:** 1/12/2022 **Lab ID:** 012200860-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 µg/L	1/21/2022 KB	1/25/2022 KB 08:35





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### 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