



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

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 C Wing

The reference number for these samples is EMSL Order #012206456. 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:

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: 012206456

CustomerID: TTIE54

CustomerPO: 034273

ProjectID:

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 Received: 4/20/2022 11:40 AM

Project: 21-116 / High School C Wing

Analytical Results

Client Sample Description HSC-WSM1 C26 Sprinkler **Collected:** 4/20/2022 6:10:00 AM **Lab ID:** 012206456-0001

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

200.8	Lead	58.7	1.00 µg/L	5/4/2022 JW	5/4/2022 18:58 JW
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Client Sample Description HSC-FT6A Hall Near G106 **Collected:** 4/20/2022 6:12:00 AM **Lab ID:** 012206456-0002

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

200.8	Lead	93.2 D	2.00 µg/L	5/4/2022 EM	5/5/2022 18:39 JW
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Client Sample Description HSC-FT6B Hall Near G106 **Collected:** 4/20/2022 6:13:00 AM **Lab ID:** 012206456-0003

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

200.8	Lead	106 D	5.00 µg/L	5/4/2022 JW	5/4/2022 20:00 JW
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Client Sample Description HSC-FT7A Hall Near G106 **Collected:** 4/20/2022 6:14:00 AM **Lab ID:** 012206456-0004

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

200.8	Lead	1.36	1.00 µg/L	5/4/2022 JW	5/4/2022 19:06 JW
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Client Sample Description HSC-FT7B Hall Near G106 **Collected:** 4/20/2022 6:15:00 AM **Lab ID:** 012206456-0005

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

200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:08 JW
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Analytical Results

Client Sample Description HSC-S38 G104 **Collected:** 4/20/2022 6:16:00 AM **Lab ID:** 012206456-0006

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

200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:17 JW
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Client Sample Description HSC-S39 G104 **Collected:** 4/20/2022 6:16:00 AM **Lab ID:** 012206456-0007

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

200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:19 JW
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Client Sample Description HSC-S40 G104 **Collected:** 4/20/2022 6:17:00 AM **Lab ID:** 012206456-0008

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

200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:21 JW
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Client Sample Description HSC-S41 G104 **Collected:** 4/20/2022 6:17:00 AM **Lab ID:** 012206456-0009

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

200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:23 JW
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Client Sample Description HSC-S42 G104 **Collected:** 4/20/2022 6:17:00 AM **Lab ID:** 012206456-0010

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

200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:25 JW
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Analytical Results

Client Sample Description HSC-S43 G104 **Collected:** 4/20/2022 6:18:00 AM **Lab ID:** 012206456-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:27 JW

Client Sample Description HSC-S44 G104 **Collected:** 4/20/2022 6:18:00 AM **Lab ID:** 012206456-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:29 JW

Client Sample Description HSC-S45 Library Office **Collected:** 4/20/2022 6:18:00 AM **Lab ID:** 012206456-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.84	1.00 µg/L	5/4/2022 JW	5/4/2022 19:36 JW

Client Sample Description HSC-S18 Main Office Kithenette **Collected:** 4/20/2022 6:19:00 AM **Lab ID:** 012206456-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.19	1.00 µg/L	5/4/2022 EM	5/5/2022 15:07 JW

Client Sample Description HSC-FT1A Hall Near G111 **Collected:** 4/20/2022 6:20:00 AM **Lab ID:** 012206456-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:42 JW

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Client Sample Description HSC-FT1B Hall Near G111 **Collected:** 4/20/2022 6:21:00 AM **Lab ID:** 012206456-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:44 JW

Client Sample Description HSC-FT5A G111 **Collected:** 4/20/2022 6:22:00 AM **Lab ID:** 012206456-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	728 D	20.0 µg/L	5/4/2022 JW	5/4/2022 20:09 JW

Client Sample Description HSC-FT5B G111 **Collected:** 4/20/2022 6:23:00 AM **Lab ID:** 012206456-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	537 D	20.0 µg/L	5/4/2022 EM	5/5/2022 18:41 JW

Client Sample Description HSC-S15 G111 **Collected:** 4/20/2022 6:24:00 AM **Lab ID:** 012206456-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:07 JW

Client Sample Description HSC-FT4A Outside G121 **Collected:** 4/20/2022 6:40:00 AM **Lab ID:** 012206456-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	20.4	1.00 µg/L	5/4/2022 JW	5/4/2022 19:50 JW

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Client Sample Description HSC-FT4B Outside G121 **Collected:** 4/20/2022 6:41:00 AM **Lab ID:** 012206456-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.66	1.00 µg/L	5/4/2022 JW	5/4/2022 19:52 JW

Client Sample Description HSC-FT3A Outside **Collected:** 4/20/2022 7:03:00 AM **Lab ID:** 012206456-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:54 JW

Client Sample Description HSC-FT3B Outside **Collected:** 4/20/2022 7:04:00 AM **Lab ID:** 012206456-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 19:56 JW

Client Sample Description HSC-IM1 Kitchen **Collected:** 4/20/2022 6:51:00 AM **Lab ID:** 012206456-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:24 JW

Client Sample Description HSC-S4 Kitchen **Collected:** 4/20/2022 6:52:00 AM **Lab ID:** 012206456-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:17 JW

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Client Sample Description HSC-S1 Kitchen **Collected:** 4/20/2022 6:53:00 AM **Lab ID:** 012206456-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.48	1.00 µg/L	5/4/2022 JW	5/4/2022 20:26 JW

Client Sample Description HSC-S3A Kitchen **Collected:** 4/20/2022 6:59:00 AM **Lab ID:** 012206456-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/5/2022 10:39 JW

Client Sample Description HSC-S3B Kitchen **Collected:** 4/20/2022 7:00:00 AM **Lab ID:** 012206456-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:46 JW

Client Sample Description HSC-S2 Kitchen **Collected:** 4/20/2022 7:01:00 AM **Lab ID:** 012206456-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.36	1.00 µg/L	5/4/2022 EM	5/5/2022 14:58 JW

Client Sample Description HSC-FT8 Next to G223 **Collected:** 4/20/2022 6:35:00 AM **Lab ID:** 012206456-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:48 JW

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Client Sample Description HSC-FT9 Next to G223 **Collected:** 4/20/2022 6:35:00 AM **Lab ID:** 012206456-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.06	1.00 µg/L	5/4/2022 JW	5/4/2022 20:50 JW

Client Sample Description HSC-FT10 Next to G223 **Collected:** 4/20/2022 6:36:00 AM **Lab ID:** 012206456-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:53 JW

Client Sample Description HSC-FT11 Next to G223 **Collected:** 4/20/2022 6:36:00 AM **Lab ID:** 012206456-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:55 JW

Client Sample Description HSC-FT12B Next to G207 **Collected:** 4/20/2022 6:30:00 AM **Lab ID:** 012206456-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 20:57 JW

Client Sample Description HSC-FT12A Next to G207 **Collected:** 4/20/2022 6:31:00 AM **Lab ID:** 012206456-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.43	1.00 µg/L	5/4/2022 JW	5/4/2022 20:59 JW

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Client Sample Description HSC-FT13B Next to G207 **Collected:** 4/20/2022 6:32:00 AM **Lab ID:** 012206456-0036

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 21:09 JW

Client Sample Description HSC-FT13A Next G207 **Collected:** 4/20/2022 6:33:00 AM **Lab ID:** 012206456-0037

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 21:11 JW

Client Sample Description Blank **Collected:** 4/20/2022 **Lab ID:** 012206456-0038

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/4/2022 JW	5/4/2022 21:13 JW

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