



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**

2/28/2022

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

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/14/2022. The results are tabulated on the attached data pages for the following client designated project:

21-116 / Orchard Valley Middle School

The reference number for these samples is EMSL Order #012202498. 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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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012202498

CustomerID: TTIE54

CustomerPO: 034273

ProjectID:

Attn: **Nathanael Roberts**
TTI Environmental Inc.
1253 North Church Street
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Phone: (856) 840-8800
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 Received: 02/14/22 11:00 AM

Project: 21-116 / Orchard Valley Middle School

Analytical Results

Client Sample Description 1 / FT-1 / Corridor **Collected:** **Lab ID:** 012202498-0001
 7:00:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.75	1.00 µg/L	2/24/2022 VD	02/24/22 17:06 VD

Client Sample Description 2 / S-1 / Teachers Lounge **Collected:** **Lab ID:** 012202498-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.12	1.00 µg/L	2/24/2022 VD	02/24/22 17:11 VD

Client Sample Description 3 / S-2 / Kitchen **Collected:** **Lab ID:** 012202498-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.63	1.00 µg/L	2/24/2022 VD	02/24/22 17:12 VD

Client Sample Description 4 / S-3 / Kitchen **Collected:** **Lab ID:** 012202498-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	18.1	1.00 µg/L	2/24/2022 VD	02/24/22 17:14 VD

Client Sample Description 5 / S-4 / Kitchen **Collected:** **Lab ID:** 012202498-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.70	1.00 µg/L	2/24/2022 VD	02/24/22 17:15 VD

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Analytical Results

Client Sample Description 6 / S-5 / Kitchen **Collected:** **Lab ID:** 012202498-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	211 D	10.0 µg/L	2/24/2022 VD	02/25/22 9:28 VD

Client Sample Description 7 / S-6 / Kitchen **Collected:** **Lab ID:** 012202498-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.79	1.00 µg/L	2/24/2022 VD	02/25/22 9:30 VD

Client Sample Description 8 / S-7 / Kitchen **Collected:** **Lab ID:** 012202498-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.98	1.00 µg/L	2/24/2022 VD	02/24/22 17:20 VD

Client Sample Description 10 / ST-1 / Kitchen **Collected:** **Lab ID:** 012202498-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	96.6 D	5.00 µg/L	2/24/2022 VD	02/25/22 9:32 VD

Client Sample Description 11 / ST-2 / Kitchen **Collected:** **Lab ID:** 012202498-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	526 D	10.0 µg/L	2/22/2022 JW	02/24/22 14:01 JW

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Analytical Results

Client Sample Description 14 / FT-3 / Corridor **Collected:** **Lab ID:** 012202498-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.12	1.00 µg/L	2/24/2022 VD	02/25/22 9:33 VD

Client Sample Description 15 / FT-4 / Corridor **Collected:** **Lab ID:** 012202498-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 17:28 VD

Client Sample Description 16 / FT-5 / Corridor **Collected:** **Lab ID:** 012202498-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 17:33 VD

Client Sample Description 18 / S-8 / Wood Shop (Office) **Collected:** **Lab ID:** 012202498-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	6.29	1.00 µg/L	2/24/2022 VD	02/24/22 17:34 VD

Client Sample Description 21 / FT-8 / Girls Locker Room **Collected:** **Lab ID:** 012202498-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 17:36 VD

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Analytical Results

Client Sample Description 33 / FT-12 / Corridor **Collected:** **Lab ID:** 012202498-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.09	1.00 µg/L	2/24/2022 VD	02/24/22 17:37 VD

Client Sample Description 45 / S-9 / Rm 121 (Drama) **Collected:** **Lab ID:** 012202498-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.74	1.00 µg/L	2/24/2022 VD	02/24/22 17:39 VD

Client Sample Description 54 / FT-17 / Corridor **Collected:** **Lab ID:** 012202498-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 17:43 VD

Client Sample Description 55 / FT-18 / Corridor **Collected:** **Lab ID:** 012202498-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 17:45 VD

Client Sample Description 56 / FT-19 / Corridor **Collected:** **Lab ID:** 012202498-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 17:47 VD

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Analytical Results

Client Sample Description 57 / FT-20 / Corridor **Collected:** **Lab ID:** 012202498-0021

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

200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 17:48 VD
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Client Sample Description 58 / S-10 / Nurse **Collected:** **Lab ID:** 012202498-0022

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

200.8	Lead	1.61	1.00 µg/L	2/24/2022 VD	02/24/22 21:18 VD
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Client Sample Description 59 / IM / Nurse **Collected:** **Lab ID:** 012202498-0023

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

200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 21:23 VD
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Client Sample Description 68 / S-11 / Office **Collected:** **Lab ID:** 012202498-0024

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

200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 21:28 VD
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Client Sample Description 69 / S-12 / Library **Collected:** **Lab ID:** 012202498-0025

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

200.8	Lead	2.07	1.00 µg/L	2/24/2022 VD	02/24/22 21:29 VD
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Analytical Results

Client Sample Description 76 / FT-21 / Corridor **Collected:** **Lab ID:** 012202498-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 21:31 VD

Client Sample Description 77 / FT-22 / Corridor **Collected:** **Lab ID:** 012202498-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	639 D	10.0 µg/L	2/22/2022 JW	02/24/22 14:04 JW

Client Sample Description 79 / FT-24 / Corridor **Collected:** **Lab ID:** 012202498-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	219 D	10.0 µg/L	2/24/2022 VD	02/25/22 9:39 VD

Client Sample Description 112 / S-13 / Rm 210/211 Prep **Collected:** **Lab ID:** 012202498-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.33	1.00 µg/L	2/24/2022 VD	02/25/22 9:41 VD

Client Sample Description 113 / S-14 / Rm 210/211 Prep **Collected:** **Lab ID:** 012202498-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	15.8	1.00 µg/L	2/24/2022 VD	02/24/22 21:35 VD

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Project: 21-116 / Orchard Valley Middle School

Analytical Results

Client Sample Description 133 / FT-31 / Corridor **Collected:** **Lab ID:** 012202498-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 21:37 VD

Client Sample Description 146 / S-15 / Rm 217/218 Prep **Collected:** **Lab ID:** 012202498-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	108 D	5.00 µg/L	2/24/2022 VD	02/25/22 9:42 VD

Client Sample Description 147 / S-16 / Rm 217/218 Prep **Collected:** **Lab ID:** 012202498-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.59	1.00 µg/L	2/24/2022 VD	02/24/22 21:40 VD

Client Sample Description 54A / FT 17 BF / Corridor **Collected:** **Lab ID:** 012202498-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 21:48 VD

Client Sample Description 133A / FT 31 BF / Corridor **Collected:** **Lab ID:** 012202498-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	2/24/2022 VD	02/24/22 21:49 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