



**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:

**James Eberts**  
**Epic Environmental Services, LLC**  
**80 Fork Bridge Road**  
**Pittsgrove, NJ 08318**

6/28/2022

Phone: (856) 205-1077  
Fax: (856) 205-0413

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/7/2022. The results are tabulated on the attached data pages for the following client designated project:

**Fenwick Academy**

The reference number for these samples is EMSL Order #012209142. 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: 012209142  
 CustomerID: EPIC62  
 CustomerPO: NJ-DOE 22-1050  
 ProjectID:

Attn: **James Eberts**  
**Epic Environmental Services, LLC**  
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Phone: (856) 205-1077  
 Fax: (856) 205-0413  
 Received: 6/7/2022 09:00 AM

Project: **Fenwick Academy**

**Analytical Results**

**Client Sample Description** FEN-FB **Collected:** 6/4/2022 7:00:00 AM **Lab ID:** 012209142-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	6/14/2022 VD	6/14/2022 VD 17:49

**Client Sample Description** DW-RM12 **Collected:** 6/4/2022 7:02:00 AM **Lab ID:** 012209142-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.52	1.00 ppb	6/14/2022 VD	6/14/2022 VD 17:54

**Client Sample Description** DW-RM13 **Collected:** 6/4/2022 7:03:00 AM **Lab ID:** 012209142-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.87	1.00 ppb	6/14/2022 VD	6/14/2022 VD 17:55

**Client Sample Description** DW-RM14 **Collected:** 6/4/2022 7:05:00 AM **Lab ID:** 012209142-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	6/14/2022 VD	6/14/2022 VD 17:57

**Client Sample Description** DW-RM19 **Collected:** 6/4/2022 7:07:00 AM **Lab ID:** 012209142-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.00	1.00 ppb	6/14/2022 VD	6/14/2022 VD 17:59

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Project: **Fenwick Academy****Analytical Results**

**Client Sample Description** DW-RM15 **Collected:** 6/4/2022 7:08:00 AM **Lab ID:** 012209142-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.48	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:00

**Client Sample Description** DW-RM18 **Collected:** 6/4/2022 7:09:00 AM **Lab ID:** 012209142-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.53	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:02

**Client Sample Description** DW-RM16 **Collected:** 6/4/2022 7:10:00 AM **Lab ID:** 012209142-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.80	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:03

**Client Sample Description** WC-HB16 **Collected:** 6/4/2022 7:11:00 AM **Lab ID:** 012209142-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.70	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:08

**Client Sample Description** DW-RM17 **Collected:** 6/4/2022 7:12:00 AM **Lab ID:** 012209142-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:09

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Project: **Fenwick Academy**

**Analytical Results**

**Client Sample Description** SO-RMA3 **Collected:** 6/4/2022 7:15:00 AM **Lab ID:** 012209142-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.60	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:11

**Client Sample Description** SO-RMA7 **Collected:** 6/4/2022 7:17:00 AM **Lab ID:** 012209142-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	11.1	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:16

**Client Sample Description** DW-RMA10 **Collected:** 6/4/2022 7:20:00 AM **Lab ID:** 012209142-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	29.6	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:17

**Client Sample Description** DW-RMA10 (FLUSH) **Collected:** 6/4/2022 7:21:00 AM **Lab ID:** 012209142-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.01	1.00 ppb	6/22/2022 JW	6/22/2022 JW 22:28

**Client Sample Description** DW-RMA20RR **Collected:** 6/4/2022 7:22:00 AM **Lab ID:** 012209142-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.10	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:19

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Project: **Fenwick Academy****Analytical Results**

**Client Sample Description** DW-RMA17 **Collected:** 6/4/2022 7:23:00 AM **Lab ID:** 012209142-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.22	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:20

**Client Sample Description** DW-RMA14 **Collected:** 6/4/2022 7:25:00 AM **Lab ID:** 012209142-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.19	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:22

**Client Sample Description** DW-RMA11 **Collected:** 6/4/2022 7:26:00 AM **Lab ID:** 012209142-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.27	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:27

**Client Sample Description** DW-RM11 **Collected:** 6/4/2022 7:30:00 AM **Lab ID:** 012209142-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.67	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:28

**Client Sample Description** DW-RM10 **Collected:** 6/4/2022 7:32:00 AM **Lab ID:** 012209142-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:30

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**80 Fork Bridge Road**  
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Project: **Fenwick Academy****Analytical Results**

**Client Sample Description** WC-HBBOOK **Collected:** 6/4/2022 7:34:00 AM **Lab ID:** 012209142-0037

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.97	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:31

**Client Sample Description** SO-FAC **Collected:** 6/4/2022 7:36:00 AM **Lab ID:** 012209142-0038

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.03	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:37

**Client Sample Description** IM - FAC **Collected:** 6/4/2022 7:37:00 AM **Lab ID:** 012209142-0040

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:45

**Client Sample Description** SO- ITOFF **Collected:** 6/4/2022 7:37:00 AM **Lab ID:** 012209142-0041

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.95	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:47

**Client Sample Description** SO-KIT **Collected:** 6/4/2022 7:38:00 AM **Lab ID:** 012209142-0043

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	ND	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:48

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 CustomerID: EPIC62  
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**Analytical Results**

**Client Sample Description** DW-RM21 **Collected:** 6/4/2022 7:41:00 AM **Lab ID:** 012209142-0045

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	7.75	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:50

**Client Sample Description** DW-RM22 **Collected:** 6/4/2022 7:42:00 AM **Lab ID:** 012209142-0047

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	24.8	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:51

**Client Sample Description** DW-RM22 (FLUSH) **Collected:** 6/4/2022 7:43:00 AM **Lab ID:** 012209142-0048

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.20	1.00 ppb	6/21/2022 VD	6/21/2022 VD 18:44

**Client Sample Description** DW-RM23 **Collected:** 6/4/2022 7:43:00 AM **Lab ID:** 012209142-0049

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	198 D	5.00 ppb	6/14/2022 VD	6/15/2022 VD 09:34

**Client Sample Description** DW-RM23 (FLUSH) **Collected:** 6/4/2022 7:44:00 AM **Lab ID:** 012209142-0050

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	4.67	1.00 ppb	6/21/2022 VD	6/21/2022 VD 18:45

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**Pittsgrove, NJ 08318**

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Project: **Fenwick Academy****Analytical Results**

**Client Sample Description** DW-RM25 **Collected:** 6/4/2022 7:45:00 AM **Lab ID:** 012209142-0051

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	34.7	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:54

**Client Sample Description** DW-RM25 (FLUSH) **Collected:** 6/4/2022 7:45:00 AM **Lab ID:** 012209142-0052

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	6.97	1.00 ppb	6/21/2022 VD	6/21/2022 VD 18:50

**Client Sample Description** DW-RM41 **Collected:** 6/4/2022 7:46:00 AM **Lab ID:** 012209142-0053

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.65	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:56

**Client Sample Description** DW-RM42 **Collected:** 6/4/2022 7:50:00 AM **Lab ID:** 012209142-0055

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	1.75	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:58

**Client Sample Description** DW-RM43 **Collected:** 6/4/2022 7:51:00 AM **Lab ID:** 012209142-0057

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.79	1.00 ppb	6/14/2022 VD	6/14/2022 VD 18:59



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**Analytical Results**

**Client Sample Description** DW-RM44 **Collected:** 6/4/2022 7:52:00 AM **Lab ID:** 012209142-0059

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	2.49	1.00 ppb	6/14/2022 VD	6/14/2022 VD 19:07

**Client Sample Description** DW-RM31 **Collected:** 6/4/2022 7:53:00 AM **Lab ID:** 012209142-0061

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	123 D	5.00 ppb	6/14/2022 VD	6/15/2022 VD 09:35

**Client Sample Description** DW-RM31(FLUSH) **Collected:** 6/4/2022 7:55:00 AM **Lab ID:** 012209142-0062

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	43.5	1.00 ppb	6/20/2022 VD	6/20/2022 JW 17:03

**Client Sample Description** DW-RM32 **Collected:** 6/4/2022 7:56:00 AM **Lab ID:** 012209142-0063

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	33.7	1.00 ppb	6/14/2022 VD	6/15/2022 JW 14:48

**Client Sample Description** DW-RM32 (FLUSH) **Collected:** 6/4/2022 7:56:00 AM **Lab ID:** 012209142-0064

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.58	1.00 ppb	6/20/2022 VD	6/20/2022 JW 17:05

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**Client Sample Description** DW-RM33 **Collected:** 6/4/2022 7:57:00 AM **Lab ID:** 012209142-0065

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	34.7	1.00 ppb	6/14/2022 VD	6/15/2022 JW 14:51

**Client Sample Description** DW-RM33 (FLUSH) **Collected:** 6/4/2022 7:57:00 AM **Lab ID:** 012209142-0066

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	3.80	1.00 ppb	6/20/2022 VD	6/20/2022 JW 17:07

**Client Sample Description** DW-RM34 **Collected:** 6/4/2022 7:58:00 AM **Lab ID:** 012209142-0067

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	14.6	1.00 ppb	6/14/2022 VD	6/14/2022 VD 19:10

**Client Sample Description** DW-RM35 **Collected:** 6/4/2022 7:59:00 AM **Lab ID:** 012209142-0069

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>					
200.8	Lead	5.75	1.00 ppb	6/14/2022 VD	6/14/2022 VD 19:11

**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