



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

Attn:

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

5/4/2022

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

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/21/2022. The results are tabulated on the attached data pages for the following client designated project:

Project ID: NJ DOE
Cumberland Campus LIW (SCSP CUCS)

The reference number for these samples is EMSL Order #012206329. 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:	012206329
CustomerID:	EPIC62
CustomerPO:	NJ-DOE
ProjectID:	NJ DOE

Attn: **James Eberts**
Epic Environmental Services, LLC
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Phone: (856) 205-1077
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 Received: 4/21/2022 09:00 AM

Project: **Cumberland Campus LIW (SCSP CUCS)**

Analytical Results

Client Sample Description CC-FB **Collected:** 4/16/2022 **Lab ID:** 012206329-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:17

Client Sample Description CC-CS-111 **Collected:** 4/16/2022 8:50:00 AM **Lab ID:** 012206329-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:23

Client Sample Description CC-CS-WKRM **Collected:** 4/16/2022 8:53:00 AM **Lab ID:** 012206329-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.81	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:25

Client Sample Description CC-CS-104 **Collected:** 4/16/2022 8:56:00 AM **Lab ID:** 012206329-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:27

Client Sample Description CC-CS-105 **Collected:** 4/16/2022 8:57:00 AM **Lab ID:** 012206329-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.10	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:29

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Project: **Cumberland Campus LIW (SCSP CUCS)****Analytical Results**

Client Sample Description CC-WC-HALL103 **Collected:** 4/16/2022 8:58:00 AM **Lab ID:** 012206329-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:31

Client Sample Description CC-BF-HALL103 **Collected:** 4/16/2022 8:58:00 AM **Lab ID:** 012206329-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:33

Client Sample Description CC-CS-103 **Collected:** 4/16/2022 9:00:00 AM **Lab ID:** 012206329-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:35

Client Sample Description CC-CS-102 **Collected:** 4/16/2022 9:02:00 AM **Lab ID:** 012206329-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:41

Client Sample Description CC-WC-HALL204 **Collected:** 4/16/2022 9:04:00 AM **Lab ID:** 012206329-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:43

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Project: **Cumberland Campus LIW (SCSP CUCS)**

Analytical Results

Client Sample Description CC-BF-HALL204 **Collected:** 4/16/2022 9:05:00 AM **Lab ID:** 012206329-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:46

Client Sample Description CC-CS-204 **Collected:** 4/16/2022 9:07:00 AM **Lab ID:** 012206329-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:52

Client Sample Description CC-CS-202 **Collected:** 4/16/2022 9:08:00 AM **Lab ID:** 012206329-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:54

Client Sample Description CC-CS-101 **Collected:** 4/16/2022 9:10:00 AM **Lab ID:** 012206329-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.26	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:56

Client Sample Description CC-NS-NUR **Collected:** 4/16/2022 9:13:00 AM **Lab ID:** 012206329-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 16:58

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Project: **Cumberland Campus LIW (SCSP CUCS)**

Analytical Results

Client Sample Description CC-NS-NUREXAM **Collected:** 4/16/2022 9:13:00 AM **Lab ID:** 012206329-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	8.60	1.00 ppb	4/26/2022 VD	4/27/2022 VD 17:00

Client Sample Description CC-IM-KIT **Collected:** 4/16/2022 9:14:00 AM **Lab ID:** 012206329-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 17:06

Client Sample Description CC-KS-KIT1 **Collected:** 4/16/2022 9:15:00 AM **Lab ID:** 012206329-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.51	1.00 ppb	4/26/2022 VD	4/27/2022 VD 17:08

Client Sample Description CC-KS-KIT2 **Collected:** 4/16/2022 9:15:00 AM **Lab ID:** 012206329-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.15	1.00 ppb	4/26/2022 VD	4/27/2022 VD 17:10

Client Sample Description CC-WC-MPR **Collected:** 4/16/2022 9:17:00 AM **Lab ID:** 012206329-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/27/2022 VD 17:12

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Client Sample Description CC-BF-MPR **Collected:** 4/16/2022 9:18:00 AM **Lab ID:** 012206329-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	4/26/2022 VD	4/26/2022 VD 17:57

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