



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

3/11/2022

Epic Environmental Services, LLC

80 Fork Bridge Road

Pittsgrove, NJ 08318

Phone: (856) 205-1077

Fax: (856) 205-0413

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/15/2022. The results are tabulated on the attached data pages for the following client designated project:

Project ID: NJ DOE

Upper TWP Middle School

The reference number for these samples is EMSL Order #012202391. 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: 012202391

CustomerID: EPIC62

CustomerPO: NJ-DOE

ProjectID: NJ DOE

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Received: 2/15/2022 01:30 PM

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Project: Upper TWP Middle School

Analytical Results

Client Sample Description UTMS-FB		Collected:	2/5/2022	Lab ID:	012202391-0001
Method	Parameter	Result	RL Units	Date & Analyst	Analysis Date & Analyst
METALS				AM prep	
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD

Method	Parameter	Result	RL Units	Date & Analyst	Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD

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Received: 2/15/2022 PM

Client Sample Description UTMS-KS-KIT			Collected:	2/5/2022 AM	Lab ID:	012202391-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	2.13	1.00 ppb	2/17/2022 VD	2/17/2022 21:42	VD	

Client Sample Description UTMS-KF-KIT			Collected:	2/5/2022 AM	Lab ID:	012202391-0004	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	1.88	1.00 ppb	2/17/2022 VD	2/17/2022 21	VD	

Client Sample Description UTMS-WC HALL 1			Collected:	2/5/2022 AM prep	Lab ID:	012202391-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 21	VD	

Client Sample Description UTMS BF-HALL 1			Collected:	2/5/2022 9:56:00AM	Lab ID:	012202391-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 21	VD	

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Received: 2/15/2022 01:30 PM

Project: Upper TWP Middle School

Analytical Results

Client Sample Description UTMS WC-BLR Collected: 2/5/2022 AM Lab ID: 012202391-0008

Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	123 D	5.00 ppb	2/17/2022 JW	2/18/2022 15:59 VJ
200.8	Lead	123 D	5.00 ppb	2/17/2022 JW	2/18/2022 15:59

Client Sample Description UTMS IM-CAFE Collected: 2/5/2022 AM Lab ID: 012202391-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD

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 METALS

Received: 2/15/2022 PM

200.8	Lead	ND	1.00 ppb	2/17/2022	VD	2/17/2022	VD
						21	

Client Sample Description UTMS KS-FAC

Collected: 2/5/2022 AM Lab ID: 012202391-0010

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

200.8	Lead	4.79	1.00 ppb	2/17/2022	VD	2/17/2022	VD
						21:50	

Client Sample Description UTMS SO-NUR

Collected: 2/5/2022 AM Lab ID: 012202391-0012

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

200.8	Lead	1.91	1.00 ppb	2/17/2022	VD	2/17/2022	VD
						21	

Client Sample Description UTMS SO-NURRR

Collected: 2/5/2022 10:09:00 AM Lab ID: 012202391-0014

Client Sample Description UTMS SO-NURRR

Collected: prep Analysis

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

200.8	Lead	ND	1.00 ppb	2/17/2022	VD	2/17/2022	VD
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Pittsgrove, NJ 08318

Project: Upper TWP Middle School

Analytical Results

Client Sample Description UTMS WC-HALL 3

Collected: 2/5/2022

Lab ID: 012202391-0016

AM prep

Method	Parameter	Result	RL Units	Date & Analyst	Analysis Date & Analyst
METALS				2/17/2022	VD
200.8	Lead	ND	1.00 ppb	2/17/2022 21:55	VD

Method	Parameter	Result	RL Units	Date & Analyst	Date & Analyst
METALS				2/17/2022	VD
200.8	Lead	ND	1.00 ppb	2/17/2022	VD

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Client Sample Description UTMS BF-HALL 2 Collected: 2/5/2022 Lab ID: 012202391-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD 21

Client Sample Description UTMS SO-MAIN Collected: 2/5/2022 Lab ID: 012202391-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/17/2022 VD AM prep	2/17/2022 VD 22:04

Client Sample Description UTMS SO-BOE Collected: 2/5/2022 Lab ID: 012202391-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD 22:06

Client Sample Description UTMS WC-HALL 4 Collected: 2/5/2022 Lab ID: 012202391-0022
 10:23:00AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD

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22:07



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Project: Upper TWP Middle School

Method	Parameter	Result	RL Units	Date & Analyst	Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD

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Analytical Results

Client Sample Description		UTMS WC-HALL 5	Collected:	2/5/2022 AM	Lab ID:	012202391-0023	
Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 22:09	VD	VD

Client Sample Description		UTMS BF-HALL 3	Collected:	2/5/2022 AM	Lab ID:	012202391-0024	
Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 22:10	VD	VD

Method	Parameter	Result	RL Units	Date & Analyst	Date & Analyst		
METALS							
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022	VD	VD

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Client Sample Description UTMS WC-HALL 6

Collected: 2/5/2022 AM Lab ID: 012202391-0025

Prep

Analysis

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

200.8	Lead	49.9	1.00 ppb	3/10/2022 JM	3/10/2022 VD
200.8	Lead	49.9	1.00 ppb	3/10/2022	19:39

Client Sample Description UTMS WC-HALL 7

Collected: 2/5/2022 AM Lab ID: 012202391-0026

Prep Analysis Method

Parameter	Result	RL Units	Date & Analyst	Date & Analyst
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METALS

200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD 22:12
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Client Sample Description UTMS BF-HALL 4

Collected: 2/5/2022 10:28:00 AM **Lab ID:** 012202391-0027

Client Sample Description UTMS BF-HALL 4

Prep Analysis

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22:13

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

200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD
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Project: **Upper TWP Middle School**

Analytical Results

Client Sample Description UTMS SO-A15

Collected: 2/5/2022 10:30:00AM Lab ID: 012202391-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	11.2	1.00 ppb	2/17/2022 VD	2/17/2022 VD 22:18

Client Sample Description UTMS SO-FAC

Collected: 2/5/2022 10:33:00AM Lab ID: 012202391-0030

Parameter	Result	RL Units	Date & Analyst	Date & Analyst	Prep	Analysis Method
METALS						
200.8	Lead	ND	1.00 ppb	2/17/2022 VD	2/17/2022 VD	22:20

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

The Upper Township Board of Education is highly committed to the safety of our students and staff. In compliance with New Jersey Department of Education regulations, lead in water testing for drinking water locations throughout the District was performed on February 5, 2022. The purpose of the sampling was to identify and address any drinking water location above the EPA action level of 15.5 parts per billion (ppb). A drinking water location is an outlet that is designed or expected to be used for water consumption. These included, but were not limited to, classroom water fountains and

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sinks, water coolers, sinks in nurse's offices, faculty break rooms, and locations in kitchens used for food preparation. Bathroom, custodial, art room, and science room sinks were not sampled, as these are not expected, nor designed to be used for, water consumption.

SAMPLE LOCATION	FIRST DRAW RESULT	FLUSH SAMPLE RESULT	SHORT TERM RESPONSE
WATER COOLER - BOYS LOCKER RM	123 ppb	N/A	Taken out of service

WATER COOLER - HALL BY ROOM 23	49.9 ppb	N/A	Taken out of service
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Water was allowed to stay motionless in each facility for a minimum of eight hours prior to sampling. After this time of inactivity, an "initial draw" sample was collected from the first water to come out of the outlet. After this sample was collected, water was allowed to flush for the required amount of time, and a second "flush" sample was collected. The purpose of the flush sample is to help determine if contamination does exist, whether it is originating from the outlet itself or from the building's plumbing.

A summary of each location above the action level, as well as the short-term response, is found below:

Upper Township Primary School

SAMPLE LOCATION	FIRST DRAW RESULT	FLUSH SAMPLE RESULT	SHORT TERM RESPONSE
BUBBLER - ROOM 105	22.1 ppb	6.41 ppb	Taken out of service
BUBBLER - ROOM 108	17.8 ppb	14.0 ppb	Taken out of service
BUBBLER - ROOM 1<04	44.4 ppb	6.80 ppb	Taken out of service

Upper Township Elementary School

SAMPLE LOCATION	FIRST DRAW RESULT	FLUSH SAMPLE RESULT	SHORT TERM RESPONSE
NONE			

Upper Township Middle School