

EMSL Analytical, Inc.

EMSL



200 Route

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

3/7/2022

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 Elementary School

The reference number for these samples is EMSL Order #012202388. 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 EI-AP 1877

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Received: 2/15/2022 PM

80 Fork Bridge Road
Pittsgrove, NJ 08318

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: 012202388
CustomerID: EPIC62
CustomerPO: NJ-DOE
ProjectID: NJ DOE

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80 Fork Bridge Road
Pittsgrove, NJ 08318

Received: 2/15/2022 01:30 PM

Project: Upper TWP Elementary School

Analytical Results

Client Sample Description UTES-FB		Collected:	2/5/2022	Lab ID:	012202388-0001
Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD 21:51

Method	Parameter	Result	RL Units	Date & Analyst	Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD

EMSL Analytical, Inc.

EMSL Order: 012202388

CustomerID: EPIC62

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80 Fork Bridge Road
Pittsgrove, NJ 08318

Received: 2/15/2022 PM

Client Sample Description UTES-KS-KIT Collected: 2/5/2022 AM Lab ID: 012202388-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD 21

Client Sample Description UTES-KS- MO Collected: 2/5/2022 AM Lab ID: 012202388-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD 22:01

Client Sample Description UTES DW-RMIO Collected: 2/5/2022 AM Lab ID: 012202388-0006

Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.95	1.00 ppb	2/18/2022 V	2/18/2022 V 22:02

Client Sample Description UTES DW-RM14 Collected: 2/5/2022 9:02:00 AM Lab ID: 012202388-0008

Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD

EMSL Analytical, Inc.

EMSL Order: 012202388

CustomerID: EPIC62

EMSL 200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com> EnvChemistry2@emsl.com ProjectID: NJ DOE

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Received: 2/15/2022 PM

80 Fork Bridge Road
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22:04



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80 Fork Bridge Road

Received: 2/15/2022 01:30 PM

Pittsgrove, NJ 08318

Project: Upper TWP Elementary School

Analytical Results

Client Sample Description UTES KS-FAC

Collected: 2/5/2022
AM

Lab ID: 012202388-0010

Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD 22:05

Client Sample Description UTES WC-BOYRR

Collected: 2/5/2022
AM

Lab ID: 012202388-0012

Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD

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EMSL Order: 012202388

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Pittsgrove, NJ 08318

Received: 2/15/2022 PM

METALS

200.8	Lead	ND	1.00 ppb	2/18/2022	VD	2/18/2022	VD
						22:07	

Client Sample Description UTES BF-BOYRR

Collected: 2/5/2022 AM Lab ID: 012202388-0013

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

200.8	Lead	ND	1.00 ppb	2/18/2022	VD	2/18/2022	VD
						22:09	

Client Sample Description UTES WC-HALL 1

Collected: 2/5/2022 AM Lab ID: 012202388-0014

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

200.8	Lead	ND	1.00 ppb	2/18/2022	VD	2/18/2022	VD
						22:10	

22:10

Client Sample Description UTES BF-HALL 1

Collected: 2/5/2022 9:09:00AM Lab ID: 012202388-0015

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

200.8	Lead	ND	1.00 ppb	2/18/2022	VD	2/18/2022	VD
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80 Fork Bridge Road
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Received: 2/15/2022 PM

22:12



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EMSL Order: 012202388

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ProjectID: NJ DOE

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80 Fork Bridge Road
Pittsgrove, NJ 08318

Received: 2/15/2022 01:30 PM

Project: Upper TWP Elementary School

Analytical Results

Client Sample Description UTES KS-NURSE

Collected: 2/5/2022 AM

Lab ID: 012202388-0016

Method	Parameter	Result	RL Units	prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD
	Lead	ND			22:13

Client Sample Description UTES DW-HALL 1

Collected: 2/5/2022 AM

Lab ID: 012202388-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.91	1.00 ppb	2/18/2022 VD	2/18/2022 VD
Method	Parameter	Result	RL Units	Date & Analyst	Date & Analyst
METALS					
200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD

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80 Fork Bridge Road
Pittsgrove, NJ 08318

Received: 2/15/2022 PM

22:21

Client Sample Description UTES DW-HALL 2

Collected: 2/5/2022 AM Lab ID: 012202388-0020

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

200.8	Lead	7.76	1.00 ppb	2/18/2022 VD	2/18/2022 VD
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Client Sample Description UTES WC-HALL-2

Collected: 2/5/2022 AM Lab ID: 012202388-0022

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

200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD
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Client Sample Description UTES BF-HALL-2

Collected: 2/5/2022 9:17:00 AM Lab ID: 012202388-0023

Client Sample Description UTES BF-HALL-2

Collected: prep Analysis

22:26

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

200.8	Lead	ND	1.00 ppb	2/18/2022 VD	2/18/2022 VD
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EMSL Order:	012202388
CustomerID:	EPIC62
CustomerPO:	NJ-DOE
ProjectID:	NJ DOE

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Phone: (856) 205-1077
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 Received: 2/15/2022 01:30 PM

Project: **Upper TWP Elementary School**

Analytical Results

Client Sample Description UTES KS-MEDIA

Collected: 2/5/2022
9:19:00AM

Lab ID: 012202388-0024

Parameter	Result	RL	Units	Date & Analyst	Date & Analyst	Prep	Analysis Method
METALS							
	200.8		Lead	10.5	1.00 ppb	2/18/2022 VD	2/18/2022 VD 22:27

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

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NJ DOE

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Received: 2/15/2022 PM

80 Fork Bridge Road
Pittsgrove, NJ 08318

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 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
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WATER COOLER - BOYS LOCKER RM	123 ppb		Taken out of service
WATER COOLER - HALL BY ROOM 23	49.9 ppb	N/A	Taken out of service

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