

200 Route



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

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 El-AP 1877

EMSL Order:

012202388

CustomerlD:

EPIC62

 $EMSL\ \ {\it 200 Route\ 130 North, Cinnaminson, NJ\ 08077}$

CustomerPO:

 $NJ\text{-}DOE \ \mathsf{Phone/Fax:}\ (856)\ 303\text{-}2500\ (856)\ 858\text{-}4571$

PM

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EnvChemistrv2@emsl.com

NJ DOE

Attn: James Eberts

Phone:

_ProjectiD:

(856) 205-1077

Epic Environmental Services, LLC

Fax:

(856) 205-0413

Received:

2/15/2022

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.



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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EnvChemistry2@emsl.com

EMSL Order: CustomerID:

012202388

CustomerPO:

EPIC62 NJ-DOE

ProjectID:

NJ DOE

James Eberts

Epic Environmental Services, LLC 80 Fork Bridge Road

Pittsgrove, NJ 08318

Phone: Fax:

(856) 205-1077 (856) 205-0413

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

AM

Parameter

RL Units

prep Date & Analyst

Analysis Date & Analyst

Method **METALS**

Result

ND

Lead

1.00 ppb

2/18/2022

VD 2/18/2022 21:51

VD

Method

200.8

Parameter

Result

RL Units

Date & Analyst

Date & Analyst

METALS

200.8 Lead ND

1.00 ppb

2/18/2022

VD 2/18/2022

EMSL Order:

012202388

CustomerlD:

EPIC62

 $EMSL\ \ {\it 200 Route\ 130 North, Cinnaminson, NJ\ 08077}$

CustomerPO:

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PM

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ProjectiD:

NJ DOE

Attn: James Eberts

(856) 205-1077

Epic Environmental Services, LLC

Fax:

Phone:

(856) 205-0413

Received:

2/15/2022

80 Fork Bridge Road

Pittsgrove, NJ 08318

Collected:

2/5/2022

Lab ID:

012202388-0002

Client Sample Description UTES-KS-KIT

Result

ND

Result

ND

AM

Prep

Analysis

Method

200.8

Parameter

Parameter

Lead

Lead

RL Units

Date & Analyst

Date & Analyst

METALS

1.00 ppb

RL Units

2/18/2022

VD 2/18/2022

VD

VD

ND

Collected:

Lab ID:

012202388-0004

Client Sample Description UTES-KS- MO

AM

2/18/2022

22:01

2/5/2022

Prep Date & Analyst

Analysis Date & Analyst

METALS

200.8

Method

200.8

Lead Client Sample Description UTES DW-RMIO

Client Sample Description UTES DW-RM14

Collected:

1.00 ppb

2/5/2022

AM

Lab ID:

VD

012202388-0006

2/18/2022

2/18/2022

prep

Analysis

Method

200.8

Parameter

FFRH

Result

9.95

RL Units

1:00 ppb

Date & Analyst

Date & Analyst

METALS

Client Sample Description

UTES DW-RM14

Collected:

2/5/2022

Lab ID:

012202388-0008

2/18/2022 22:02

9:02:00 AM

prep

Analysis Collected:

Method

Parameter

Result

RL Units

Date & Analyst

Date & Analyst

METALS

200.8

Lead

ND

1.00 ppb

2/18/2022

VD

2/18/2022

EMSL Order:

012202388

CustomerlD:

EPIC62

 $EMSL\ \ {\ }^{200}$ Route 130 North, Cinnaminson, NJ 08077

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NJ DOE

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Received:

2/15/2022

PM

80 Fork Bridge Road Pittsgrove, NJ 08318

22:04

EMSL Order:

012202388

CustomerID: CustomerPO: ProjectID:

EPIC62 NJ-DOE NJ DOE

EMSL

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(856) 205-1077 (856) 205-0413

Received:

2/15/2022 01:30 PM

James Eberts

Epic Environmental Services, LLC 80 Fork Bridge Road

Pittsgrove, NJ 08318

Project: Upper TWP Elementary School

Analytical Results

Client Sample Description UTES KS-FAC		Collected:	2/5/2022 AM	Lab I	ID:	012202388-00)10	
Method	Parameter	Result	RL Units		prep Date & Ai		Analysi Date & Ana	
METALS								
200.8	Lead	ND	1.00 ppb	2	2/18/2022	VD	2/18/2022 22:05	VD
Client Sample Description	on UTES WC-BOYRR		Collected:	2/5/2022 AM		ID:	012202388-0	012
Method	Parameter	Result	RL Units		prep Date & Ar	alyst	Analysi Date & An	
Method	Parameter	Result	RL Units		Date & Ar	nalyst	Date & A	analyst
METALS								
200.8	Lead	ND	1.00 ppb		2/18/2022	VD	2/18/2022	VD

EMSL Order:

012202388

CustomerlD:

EPIC62

EMSL 200 Route 130 North, Cinnaminson, NJ 08077

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ProjectiD:

NJ DOE

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(856) 205-1077

Epic Environmental Services, LLC

Fax:

(856) 205-0413

Received:

2/15/2022

80 Fork Bridge Road Pittsgrove, NJ 08318

METALS

200.8 Lead ND

1.00 ppb

2/18/2022

PM

VD 2/18/2022 22:07

VD

Client Sample Description UTES BF-BOYRR

Collected:

2/5/2022

Lab ID:

012202388-0013

AM

Parameter

Result

RL Units

prep Date & Analyst

Analysis Date & Analyst

METALS

200.8

Method

Lead

Parameter

Lead

ND

1.00 ppb

2/18/2022

VD 2/18/2022 22:09

VD

VD

Client Sample Description UTES WC-HALL 1

Collected:

2/5/2022

Lab ID:

012202388-0014

AM

Method

METALS

Result

ND

RL Units

1.00 ppb

Prep Date & Analyst

2/18/2022

Analysis Date & Analyst

2/18/2022

22:10

200.8

Client Sample Description UTES BF-HALL 1

Collected:

2/5/2022

Lab ID:

VD

012202388-0015

9:09:00AM

prep

Analysis

Method

Parameter

Result

RL Units

Date & Analyst

Date & Analyst

METALS

200.8

Lead

ND

1.00 ppb

2/18/2022

VD

2/18/2022

EMSL Order:

CustomerlD: EPIC62

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http://www.EMSL.com

EnvChemistrv2@emsl.com ProjectiD: NJ DOE

Attn: James Eberts

Phone:

Fax:

(856) 205-1077

Epic Environmental Services, LLC

(856) 205-0413

Received:

2/15/2022

PM

80 Fork Bridge Road Pittsgrove, NJ 08318

22:12

EMSL Order: CustomerID:

012202388 EPIC62

012202388

CustomerPO: ProjectID:

NJ-DOE NJ DOE

EMSI

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Phone: Fax:

(856) 205-1077 (856) 205-0413

Received:

2/15/2022 01:30 PM

Attn: **James Eberts**

Epic Environmental Services, LLC 80 Fork Bridge Road

Pittsgrove, NJ 08318

Project: Upper TWP Elementary School

Analytical Results

Client Sample Description UTES KS-NURSE Collected: 2/5/2022 Lab ID: 012202388-0016 AM prep Analysis Method Parameter Result **RL** Units Date & Analyst Date & Analyst **METALS** 200.8 ND 1.00 ppb 2/18/2022 VD 2/18/2022 VD 200.8 Lead 22:13 Lead ND Client Sample Description UTES DW-HALL 1 Collected: 2/5/2022 Lab ID: 012202388-0018 AM Prep Analysis Method Result **RL** Units Date & Analyst Parameter Date & Analyst **METALS** 200.8 Lead 1.91 1.00 ppb 2/18/2022 VD 2/18/2022 VD Method Parameter **RL Units** Date & Analyst Date & Analyst Result **METALS** 200.8 Lead ND 1.00 ppb 2/18/2022 VD 2/18/2022 **VD**

EMSL Order:

012202388

CustomerlD:

EPIC62

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CustomerPO:

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PM

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ProjectiD:

NJ DOE

Attn: James Eberts

Result

7.76

7.76

(856) 205-1077

Epic Environmental Services, LLC

Parameter

Lead

Lead

Fax:

Phone:

(856) 205-0413

Received:

2/15/2022

80 Fork Bridge Road

Pittsgrove, NJ 08318

Client Sample Description UTES DW-HALL 2

22:21

Collected:

RL Units

1.00 ppb

1.00 ppb

Collected:

2/5/2022

2/5/2022

AM

Lab ID:

012202388-0020

AM

Prep Analysis Date & Analyst

VD

Lab ID:

prep

Date & Analyst

Date & Analyst

VD

VD

METALS

Method

200.8

200.8

Client Sample Description UTES WC-HALL-2

Method

METALS

200.8

Client Sample Description UTES BF-HALL-2

Client Sample Description UTES BF-HALL-2

Lead

Parameter

Result

ND

Collected:

1.00 ppb

Collected:

RL Units

2/5/2022

9:17:00 AM

Lab ID:

2/18/2022

2/18/2022

22:24 012202388-0023

2/18/2022

2/18/2022

012202388-0022

Analysis

Date & Analyst

22:22

prep

Analysis

22:26

Method

Parameter

Result

RL Units

Date & Analyst

Date & Analyst

METALS

200.8 Lead ND

1.00 ppb

2/18/2022

VD

2/18/2022



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

Attn: James Eberts
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80 Fork Bridge Road
Pittsgrove, NJ 08318

Phone: (856) 205-1077
Fax: (856) 205-0413
Received: 2/15/2022 01:30 PM

Project: Upper TWP Elementary School

Analytical Results

Client Sample Description UTES KS-MEDIA Collected: 2/5/2022 Lab ID: 012202388-0024

9:19:00AM

Prep Analysis Method

Parameter Result RL Units Date & Analyst Date & Analyst

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

EMSL Order: 012202388

EPIC62

EMSL Analytical, Inc.

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CustomerPO: NJ-

CustomerlD:

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 ProjectID:

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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.

	FIRST DRAW	FLUSH SAMPLE	SHORT TERM
SAMPLE LOCATION	RESULT	RESULT	RESPONSE

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

1			
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	FLUSH SAMPLE	SHORT TERM	
	RESULT	RESULT	RESPONSE	
NONE				

Upper Township Middle School