



March 9, 2020

Mr. Samuel W. Teague
Facilities Manager
Delsea Regional High School District
Fries Mill Road
Franklinville, NJ 08322

RE: Routine Mercury Vapor Air Sampling
Delsea High School Weight Room
Epic Project Number: 20-1056

Dear Mr. Teague:

Epic Environmental Services, LLC collected a total of three air samples on February 25, 2020 in the Delsea High School to assess mercury vapor concentrations in the weight room and adjacent area (gymnasium). Sample collection was performed in accordance with the "Mercury Hazard in Schools from Rubber-like Polyurethane Floors - Health and Safety Guide".

Samples were collected for a period of six hours. Ventilation was operating normally, and the weight room was occupied while samples were being collected.

Samples were analyzed by EMSL Analytical, Inc. using NIOSH Method 6009 for total mercury. Results were compared to the New Jersey Department of Health action limit criteria of $0.8 \mu\text{g}/\text{m}^3$.

Sample results were all below the method detection limit of $0.14 \mu\text{g}/\text{m}^3$. At this time, no corrective measures or actions are recommended for the area.

The long-term management and monitoring program for the flooring should remain in place to gather as much data as possible.

Please do not hesitate to contact me at 856-205-1077 should you have any questions.

The invoice for the project is attached.

Regards,

A handwritten signature in cursive script that reads "James J. Eberts".

James Eberts
President

HEALTH

Epic Environmental Services, LLC
Tele: 856.205.1077

SAFETY

1930 Brown Road
www.epicenviro.com

ENVIRONMENT

Newfield, New Jersey 08344
Fax: 856.205.0413

Sampling Summary

Mercury Vapor – NIOSH Method 6009

February 25, 2020

<u>Sample Location</u>	<u>Result</u>	<u>Notes / Conditions</u>
Weight Rm, by Water Fountain	< 0.14µg/m ³	Sample Collected 5.0' above floor Temp 68° - 70° F over sampling time Ventilation operating normally Area Occupied Sample time 8:15 am – 2:15 pm
Weight Rm, By Treadmills	< 0.14µg/m ³	Sample Collected 5.0' above floor Temp 68° - 70° F over sampling time Ventilation operating normally Area Occupied Sample time 8:15 am – 2:15 pm
Gym, by Door G57	< 0.14µg/m ³	Sample Collected 5.0' above floor Temp 68° - 70° F over sampling time Ventilation operating normally Area Occupied Sample time 8:15 am – 2:15 pm
Field Blank 1	“none detected”	
Field Blank 2	“none detected”	

HEALTH

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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
1930 Brown Road
Newfield, NJ 08344

3/6/2020

Phone: (856) 205-1077

Fax: (856) 205-0413

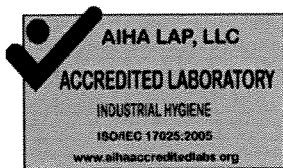
The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/28/2020. The results are tabulated on the attached data pages for the following client designated project:

Delsea HS WR Air Monitors

The reference number for these samples is EMSL Order #012002314. 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:

Phillip Worby, Environmental Chemistry Laboratory
Director



AIHA-LAP, LLC-IHLAP Lab # 100194
NELAP Certification: NJ 03036; NY 10872

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 AIHA, unless specifically indicated. The final results are not field blank corrected. The laboratory is not responsible for final results calculated using air volumes that have been provided by non-laboratory personnel. 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
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012002314
 CustomerID: EPIC62
 CustomerPO:
 ProjectID:

Attn: **James Eberts**
Epic Environmental Services, LLC
1930 Brown Road
Newfield, NJ 08344

Phone: (856) 205-1077
 Fax: (856) 205-0413
 Received: 02/28/20 2:10 PM

Project: **Delsea HS WR Air Monitors**

Analytical Results

Client Sample Description D-01
by water fountain
Collected: 2/25/2020
Lab ID: 012002314-0001

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
NIOSH 6009	Mercury	ND	0.00014	mg/m ³	3/4/2020 SW	3/6/2020 SW

Client Sample Description D-02
by treadmills
Collected: 2/25/2020
Lab ID: 012002314-0002

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
NIOSH 6009	Mercury	ND	0.00014	mg/m ³	3/4/2020 SW	3/6/2020 SW

Client Sample Description D-03
gym by door 657
Collected: 2/25/2020
Lab ID: 012002314-0003

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
NIOSH 6009	Mercury	ND	0.00014	mg/m ³	3/4/2020 SW	3/6/2020 SW

Client Sample Description FB-01
Field Blank
Collected:
Lab ID: 012002314-0004

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
NIOSH 6009	Mercury	ND	0.000010	mg/tube	3/4/2020 SW	3/6/2020 SW

Client Sample Description FB-02
Field Blank
Collected:
Lab ID: 012002314-0005

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
NIOSH 6009	Mercury	ND	0.000010	mg/tube	3/4/2020 SW	3/6/2020 SW

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 ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

EMSL Analytical, Inc.
200 Route 130 North

Industrial Hygiene Chain of Custody

EMSL Order Number (Lab Use Only):

012002314

Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

Report To Contact Name: James Eberts		Bill To Company: Epic Environmental Services, LLC		Client ID #:	
Company Name: Epic Environmental Services, LLC		Attention To: James Eberts			
Street: 1930 Brown Rd		Street: 1930 Brown Rd		State/Province: NJ	
City: Newfield		City: Newfield		Zip/Postal Code: 08344	
Phone: 8568891736		Phone: 8568891736		Fax:	
Project Name: Debra HS WR MR Movers		Email Results To: jeberts@epicenviro.com		U.S. State where Samples Collected: NJ	
# Samples in Shipment: 5		Date of Shipment: 7-28-20		Purchased Order:	

Turnaround Time (TAT) - Please Check: If No Selection Made, Standard 2 Week TAT Will Apply

2 Week 1 Week 4 Day 3 Day 2 Day 1 Day Other (Call Lab)

Media Type: _____

Manufacturer/Part #: _____

Lot #: _____

Client Sample ID	Location/Description	Analyte / Method	Media	Flow (lpm)	Sample Time		Volume / Area	Sample Type	Sample Date	Comments
					On	Off				
D-01	by water fountain	MERCURY - NIOSH 6009	S TUBE	0.2	0815	1415	72L	<input checked="" type="checkbox"/> Area <input type="checkbox"/> Personal	7-25-20	5'
D-02	by treadmill	MERCURY - NIOSH 6009	S TUBE	0.2				<input checked="" type="checkbox"/> Area <input type="checkbox"/> Personal		5'
D-03	by door 657	MERCURY - NIOSH 6009	S TUBE	0.2				<input checked="" type="checkbox"/> Area <input type="checkbox"/> Personal		5'
FB-01	Field Blank	MERCURY - NIOSH 6009	S TUBE					<input checked="" type="checkbox"/> Area <input type="checkbox"/> Personal		
FB-02	Field Blank	MERCURY - NIOSH 6009	S TUBE					<input type="checkbox"/> Area <input type="checkbox"/> Personal		
		MERCURY - NIOSH 6009	S TUBE					<input type="checkbox"/> Area <input type="checkbox"/> Personal		
		MERCURY - NIOSH 6009	S TUBE					<input type="checkbox"/> Area <input type="checkbox"/> Personal		
		MERCURY - NIOSH 6009	S TUBE					<input type="checkbox"/> Area <input type="checkbox"/> Personal		

Note: Most NIOSH and OSHA methods require field blanks. It is the IH field sampler's responsibility to submit the proper number of field blanks and duplicates.

Released By: James Eberts Date: 7-28-20

Received By: Chy Date: 7/28/20

Comments:

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