

Sampling Summary

Mercury Vapor – NIOSH Method 6009

August 14, 2023

Sample Location

Result

Notes / Conditions

Weight Rm, Far (by Gym)

<0.14µg/m³
“none detected”

Sample Collected 3.0’ above floor
Temp 68° - 70° F over sampling time
Ventilation operating normally
Area Not Occupied
Sample time 11:55 am – 5:55 pm

Weight Rm, Close (opposite Gym)

<0.14µg/m³
“none detected”

Sample Collected 3.0’ above floor
Temp 68° - 70° F over sampling time
Ventilation operating normally
Area Not Occupied
Sample time 11:55 am – 5:55 pm

Hallway

<0.14µg/m³
“none detected”

Sample Collected 3.0’ above floor
Temp 68° - 70° F over sampling time
Ventilation operating normally
Area Occupied
Sample time 11:55 am – 5:55 pm

Field Blank 01

“None Detected”

Field Blank 02

“None Detected”



200 Route 130, Cinnaminson, NJ, 08077
 Telephone: 856-858-4800 Fax:856-786-5974
 EMSL-CIN-01

LIMS Reference ID: AB60511
 EMSL Customer ID: EPIC62

Attention: James Eberts
 Epic Environmental Services, LLC [EPIC62]
 80 Fork Bridge Road
 Pittsgrove, NJ 08318
 (856) 205-1077
 jeberts@epicenviro.com

Project Name: Delsea HS Weight Rm Mercury Air
Customer PO:
EMSL Sales Rep: Justin Monturano
Received: 08/16/2023 09:00
Reported: 08/30/2023 14:36

Analytical Results

nalyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
ample: FB-01/Field Blank Lims Reference ID: AB60511-01 Matrix: Tubes Sampled: 08/14/23 00:00:00									
letals									
lrcury	<10		1	10	ug/filter	08/23/23 10:42	08/23/23 15:03	AS	NIOSH 6009
ample: FB-02/Field Blank Lims Reference ID: AB60511-02 Matrix: Tubes Sampled: 08/14/23 00:00:00									
letals									
lrcury	<10		1	10	ug/filter	08/23/23 10:42	08/23/23 15:05	AS	NIOSH 6009
ample: D-01/Gym Far (aux) Lims Reference ID: AB60511-03 Matrix: Tubes Sampled: 08/14/23 17:55:00									
letals									
lrcury	<0.14		1	0.14	µg/m³	08/23/23 10:42	08/23/23 15:07	AS	NIOSH 6009
ample: D-02/Gym Close (aux) Lims Reference ID: AB60511-04 Matrix: Tubes Sampled: 08/14/23 17:55:00									
letals									
lrcury	<0.14		1	0.14	µg/m³	08/23/23 10:42	08/23/23 15:14	AS	NIOSH 6009
ample: D-03/Man gym Lims Reference ID: AB60511-05 Matrix: Tubes Sampled: 08/14/23 17:55:00									
letals									
lrcury	<0.14		1	0.14	µg/m³	08/23/23 10:42	08/23/23 15:16	AS	NIOSH 6009



EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ, 08077
Telephone: 856-858-4800 Fax:856-786-5974
EMSL-CIN-01

EMSL Order ID: 012360511
LIMS Reference ID: AB60511
EMSL Customer ID: EPIC62

Attention: James Eberts
Epic Environmental Services, LLC [EPIC62]
80 Fork Bridge Road
Pittsgrove, NJ 08318
(856) 205-1077
jeberts@epicenviro.com

Project Name: Delsea HS Weight Rm Mercury Air
Customer PO:
EMSL Sales Rep: Justin Monturano
Received: 08/16/2023 09:00
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Notes and Definitions

Item	Definition
Dig)	For metals analysis, sample was digested.
2C]	Reported from the second channel in dual column analysis.
D	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
Q	Qualifier
RL	Reporting Limit

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted."



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS DIVISION
EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS DIVISION

Environmental Chemistry
Chain of Custody
EMSL Order Number (Lab Use Only):

AP1051

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE 1-800-220-3675
FAX (856) 786-5974

Report To Contact Name: James Eberts
Company Name: Epic Environmental Services, LLC
Street: 80 Fork Bridge Rd
City: Elmer State/Province: NJ Zip/Postal Code: 08318
Phone : 856-205-1077 Fax :
Project Name: *Delaware HS Youth Env Mon - Air* Email Results To: *jeberts@epicenviron.com*
U.S. State where Samples Collected: NJ Number of Samples In Shipment: *5* Purchase Order: *23-2151*
Date of Shipment: *8/11/23*

Sample for Compliance? Yes No If yes, NPDES? Other (Specify):
Samples Collected by: EMSL Client check one
Standard Turnaround Time: 2 Weeks The following TATs are subject to lab approval: 1 Week 4 Days 3 Days 2 Days 1 Day
Samples Received Chilled (Y/N)
Failure to complete will hinder processing of samples

Client Sample ID	Epic C	Grab	Collect Date/Time	Matrix W=Water S=Soil A=Air SL=Sludge O=Other	Preservative 1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	EPA 200.8 Total Lead	List Test(s) Needed			Comments	
							Field pH	Field pH Test Time	Field Temp. Deg C		
1 FB-01	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>8/11/23</i>			X				<i>Field Blank</i>	
2 FB-02	<input type="checkbox"/>	<input checked="" type="checkbox"/>				X					
3 D-01	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1155-1755</i>			X				<i>Gym Floor (back)</i>	
4 D-02	<input type="checkbox"/>	<input checked="" type="checkbox"/>				X				<i>Gym Floor (back)</i>	
5 D-03	<input type="checkbox"/>	<input checked="" type="checkbox"/>				X				<i>Men's Gym</i>	
Released By (Signature) <i>[Signature]</i>				Date & Time <i>8/11/23 1900</i>	Received By <i>[Signature]</i>				Date & Time <i>8/15/23 1050P</i>		

Please indicate reporting requirements: Results Only Results and QC Reduced Deliverables Disk Deliverable Other _____
Instructions or Comments: Note: Field pH and Field Temperature are tested on the same day as the date of sample collection.
Analyze FIRST DRAW Samples. Analyze FLUSH samples if corresponding First Draw result is above 15.5 ppb
email client testing and method 8/11/23 CP Page 1 of _____ pages (Lab) Received Temperature: _____ °C
Client confirm Mercury (0009) flow rate 0.21pm 8/11/23 CP

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October 30, 2023

Ms. Margaret Durham
Facilities Manager
Delsea Regional High School District
Fries Mill Road
Franklinville, NJ 08322

RE: Routine Mercury Vapor Air Sampling – August 2023
Delsea High School Weight Room
Epic Project Number: 23-2151

Dear Ms. Durham:

Epic Environmental Services, LLC collected a total of three air samples on August 14, 2023, in the Delsea High School to assess mercury vapor concentrations in the weight room and adjacent area (Hallway). 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 not 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 well below the action limit of 0.8 $\mu\text{g}/\text{m}^3$. 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 black ink, appearing to read "Timothy Eberts".

Timothy Eberts
Senior Project Manager

A handwritten signature in black ink, appearing to read "James Eberts".

James Eberts
President