



September 21, 2019

Mr. Lawrence Lore
Director of Facilities
South Harrison Township Board of Education
904 Mullica Hill Road, PO Box 112
Harrisonville, NJ 08039

RE: Synthetic Rubberized Floor Waste Classification Sampling
South Harrison Elementary School - All Purpose Room
Epic Project Number: 19-3376

Dear Mr. Lore:

Epic Environmental Services, LLC collected one 8" x 8" sample of the synthetic rubberized floor from the South Harrison Elementary School All Purpose Room to determine if the flooring would be classified as a mercury containing hazardous waste if removed.

The flooring was sampled on September 12, 2019 and submitted to EMSL Analytical, Inc. for EPA "TCLP" Method 1311/7470A analysis. The analysis predicts how the material would act in a landfill in order to estimate how much contaminant, in this case mercury, would leach into the environment. A result of 0.2 mg/L or above is considered failing, meaning the material would be classified as a hazardous waste if removed. A result below 0.2 mg/L confirms the material can be landfilled as a common non-hazardous industrial waste.

The mercury concentration in the sample was **ABOVE** the 0.2 mg/L threshold. A summary of the analytical results is found below:

Sample Location

Mercury Concentration

South Harrison Elementary School APR

2.1 mg/L

Should the flooring in the South Harrison Elementary School APR be removed, it will be a **hazardous waste**. Removal must be performed by workers trained in the handling of hazardous waste and be done in a manner that will not contaminate non-work areas in the school. Transportation and disposal must follow all NJ and federal regulations for hazardous waste disposal. Additionally, it is highly recommended that the concrete sub-floor be evaluated in order to determine whether mercury has leached from the flooring into the material.

All analytical documentation is attached.

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

The invoice for the completed project is attached.

Regards,

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

James Eberts
President



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

9/19/2019

Phone: (856) 205-1077

Fax: (856) 205-0413

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 9/12/2019. The results are tabulated on the attached data pages for the following client designated project:

South Harrison Twp Elementary School

The reference number for these samples is EMSL Order #011911526. 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



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.

**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: 011911526
 CustomerID: EPIC62
 CustomerPO:
 ProjectID:

Attn: **James Eberts** Phone: (856) 205-1077
Epic Environmental Services, LLC Fax: (856) 205-0413
1930 Brown Road Received: 09/12/19 11:30 AM
Newfield, NJ 08344

Project: **South Harrison Twp Elementary School**

Analytical Results

<i>Client Sample Description</i>		<i>Collected:</i>	<i>Lab ID:</i>
SH-01		9/12/2019	011911526-0001
By stage		9:23:00 AM	

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date & Analyst</i>	<i>Analysis Date & Analyst</i>
METALS						
TCLP 1311/7470A	Mercury	2.1		0.10 mg/L	9/19/2019 SW	09/19/19 0:00 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



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

011911526

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				Bill To Company: Epic Environmental Services, LLC							
Company Name: Epic Environmental Services, LLC				Attention To: James Eberts							
Street: 1930 Brown Road				Street: 1930 Brown Road							
City: Newfield	State/Province: NJ	Zip/Postal Code: 08344	City: Newfield	State/Province: NJ	Zip/Postal Code: 08344						
Phone : 856-205-1077		Fax : 856-205-0413		Phone: 856-205-1077		Fax: 856-205-0413					
Project Name: South Harrison Twp Elementary School				Email Results To: jeberts@epicenviro.com		Purchase Order: 19-3376					
U.S. State where Samples Collected: NJ				Number of Samples in Shipment: 1		Date of Shipment: 9/12/19					
Sample for Compliance? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, NPDES? <input type="checkbox"/> Other (Specify):											
Samples Collected by: EMSL <input type="checkbox"/> Client <input checked="" type="checkbox"/> check one				Sampled By (Signature): <i>[Signature]</i>		Samples Received Chilled (Y/N)					
Standard Turnaround Time: <input type="checkbox"/> 2 Weeks		The following TATs are subject to lab approval: <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 2 Days <input type="checkbox"/> 1 Day									
Failure to complete will hinder processing of samples			Matrix	Preservative	List Test(s) Needed						
Client Sample ID	Comp	Grab	Collect Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	TCLP Mercury	Field pH	Field pH Test Time	Field Temp. Deg C	Field Temp. Test Time	Comments
SH-01	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9/12/19 0923	O	NONE	X					By Stage
	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>									
Released By (Signature)			Date & Time		Received By			Date & Time			
<i>[Signature]</i>			9/12/19 1117		<i>[Signature]</i>			9-12-19 11:20a 9/12 11:30am			
Please indicate reporting requirements: <input checked="" type="checkbox"/> Results Only <input type="checkbox"/> Results and QC <input type="checkbox"/> Reduced Deliverables <input type="checkbox"/> Disk Deliverable <input type="checkbox"/> Other											
Instructions or Comments:				Note: Field pH and Field Temperature are tested on the same day as the date of sample collection.							

(Lab) Received Temperature: 22°C

OrderID: 011911526