

April 15, 2019

Mr. Thomas Rambone, CEFM
Facilities Manager
Franklin Township Board of Education
3228 Coles Mill Rd.
Franklinville, NJ 08322

**RE: Synthetic Floor Sampling
Janvier Elementary School All Purpose Room
Epic Project Number: 19-1088**

Dear Mr. Rambone:

Epic Environmental Services, LLC collected two samples of the synthetic rubberized floor from the Janvier Elementary School All Purpose Room to assess the flooring for the presence of mercury. Mercury compounds, specifically **phenyl mercuric acetate**, have been used in certain types of rubberized synthetic floors as part of the installation process.

Two representative full thickness bulk samples of the flooring were collected on April 5, 2019 and submitted to EMSL Analytical, Inc. for EPA Method 7471B analysis. Sampling procedures and analysis were performed in accordance with the "Mercury Hazard in Schools from Rubber-like Polyurethane Floors - Health and Safety Guide". Any flooring material containing more than 1 milligram per kilogram (mg/Kg) is to be considered mercury-containing.

Mercury was detected in the samples above the 1 mg/Kg criteria. A summary of the analytical results is found below:

<u>Sample Location</u>	<u>Mercury Concentration</u>	<u>Method Detection Limit</u>
All Purpose Room, Corner by Kitchen	380 mg/KG	20 mg/Kg
All Purpose Room, by Chair Lift	360 mg/KG	18 mg/Kg

The flooring in the Janvier Elementary School All Purpose Room is to be considered mercury-containing. It is recommended that air sampling be performed in accordance with the "Mercury Hazard in Schools from Rubber-like Polyurethane Floors - Health and Safety Guide" to evaluate airborne mercury vapor concentrations in the area.

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,

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



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

4/12/2019

Phone: (856) 205-1077
Fax: (856) 205-0413

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/5/2019. The results are tabulated on the attached data pages for the following client designated project:

Franklin Twp BOE - Mercury - Janvier ES

The reference number for these samples is EMSL Order #011903828. 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: 011903828
 CustomerID: EPIC62
 CustomerPO: 19-1088
 ProjectID:

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

Phone: (856) 205-1077
 Fax: (856) 205-0413
 Received: 04/05/19 11:30 AM

Project: Franklin Twp BOE - Mercury - Janvier ES

Analytical Results

Client Sample Description	JES-01	Collected:	4/5/2019	Lab ID:	011903828-0001			
APR, corner by kitchen		7:35:00 AM						
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
7471B	Mercury	380		20 mg/Kg	4/9/2019	PV	4/9/2019	PV

Client Sample Description	JES-02	Collected:	4/5/2019	Lab ID:	011903828-0002			
APR, by chair lift		7:35:00 AM						
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
7471B	Mercury	360		18 mg/Kg	4/9/2019	PV	4/9/2019	PV

Definitions:

ND - indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)
 D - Dilution



EMSL ANALYTICAL, INC.
 LABORATORY SERVICES
 200 ROUTE 130 NORTH
 CINNAMINSON, NJ 08077
 PHONE: 1-800-220-3875
 FAX: (856) 786-5974

Environmental Chemistry Chain of Custody

EMSL Order Number (Lab Use Only):

011903828

EMSL Analytical, Inc.
 200 Route 130 North
 Cinnaminson, NJ 08077
 PHONE: 1-800-220-3875
 FAX: (856) 786-5974

Report To Contact Name: James Eberts
Company Name: Epic Environmental Services, LLC
Street: 1930 Brown Road
City: Newfield **State/Province:** NJ **Zip/Postal Code:** 08344
Phone: 856-205-1077 **Fax:** 856-205-0413
Project Name: Franklin Twp BOE - Mercury - *Jaworski* **Email Results To:** jeberts@epicenviro.com
U.S. State where Samples Collected: NJ **Number of Samples in Shipment:** 2 **Purchase Order:** 19-1088
Date of Shipment: 4/5/2019

Sample for Compliance? Yes No **If yes, NPDES?** **Other (Specify):**

Samples Collected by: EMSL Client **check one**
Standard Turnaround Time: 2 Weeks 1 Week 4 Days 3 Days 2 Days 1 Day

Failure to complete will hinder processing of samples

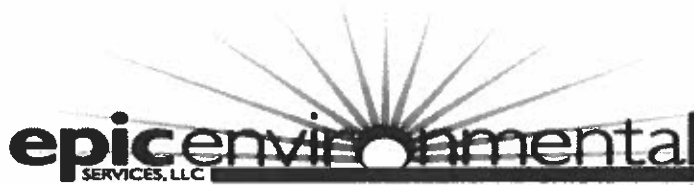
Client Sample ID	Q1	Q2	Collect Date/Time	Matrix	Preservative	List Tests/ Needed				Comments												
						Field pH	Field pH Test Time	Field Temp	Field Temp Test Time													
① JES-01	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4/5/2019 07:30	W=Water S=Soil A=Air SL=Sludge O=Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other																	
② JES-02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4/5/2019 07:40	W=Water S=Soil A=Air SL=Sludge O=Other	NONE NONE																	
	<input type="checkbox"/>	<input type="checkbox"/>																				
	<input type="checkbox"/>	<input type="checkbox"/>																				
	<input type="checkbox"/>	<input type="checkbox"/>																				

Released By (Signature): *James Eberts* **Date & Time:** 4/5/19 08:00 1130
Received By: *James Eberts* **Date & Time:** 4/5/19 11:30

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.

(Lab) Received Temperature: _____ °C



April 15, 2019

Mr. Thomas Rambone, CEFM
Facilities Manager
Franklin Township Board of Education
3228 Coles Mill Rd.
Franklinville, NJ 08322

RE: Synthetic Floor Sampling
Main Road School Gymnasium
Epic Project Number: 19-1088

Dear Mr. Rambone:

Epic Environmental Services, LLC collected two samples of the synthetic rubberized floor from the Main Road School gymnasium to assess the flooring for the presence of mercury. Mercury compounds, specifically **phenyl mercuric acetate**, have been used in certain types of rubberized synthetic floors as part of the installation process.

Two representative full thickness bulk samples of the flooring were collected on April 5, 2019 and submitted to EMSL Analytical, Inc. for EPA Method 7471B analysis. Sampling procedures and analysis were performed in accordance with the "Mercury Hazard in Schools from Rubber-like Polyurethane Floors - Health and Safety Guide". Any flooring material containing more than 1 milligram per kilogram (mg/Kg) is to be considered mercury-containing.

Mercury was detected in the samples above the 1 mg/Kg criteria. A summary of the analytical results is found below:

<u>Sample Location</u>	<u>Mercury Concentration</u>	<u>Method Detection Limit</u>
Gymnasium by Hallway	80 mg/KG	6.7 mg/Kg
Gymnasium, Alcove	120 mg/KG	8.8 mg/Kg

The flooring in the Main Road School gymnasium is to be considered mercury-containing. It is recommended that air sampling be performed in accordance with the "Mercury Hazard in Schools from Rubber-like Polyurethane Floors - Health and Safety Guide" to evaluate airborne mercury vapor concentrations in the area.

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,

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



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2600 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

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

4/12/2019

Phone: (856) 205-1077
Fax: (856) 205-0413

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/5/2019. The results are tabulated on the attached data pages for the following client designated project:

Franklin Twp BOE-Mercury-Main Rd Sch.

The reference number for these samples is EMSL Order #011903832. 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: 011903832
 CustomerID: EPIC62
 CustomerPO: 19-1088
 ProjectID:

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

Phone: (856) 205-1077
 Fax: (856) 205-0413
 Received: 04/05/19 11:30 AM

Project: Franklin Twp BOE-Mercury-Main Rd Sch.

Analytical Results

Client Sample Description	MRS-01 Gym. by hallway	Collected:	4/5/2019 7:15:00 AM	Lab ID:	011903832-0001			
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
7471B	Mercury	80		6.7 mg/Kg	4/9/2019	PV	4/9/2019	PV

Client Sample Description	MRS-02 Gym. alcove	Collected:	4/5/2019 7:15:00 AM	Lab ID:	011903832-0002			
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
7471B	Mercury	120		8.8 mg/Kg	4/9/2019	PV	4/9/2019	PV

Definitions:

ND - indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)
 D - Dilution



EMSL ANALYTICAL, INC.
CORPORATE HEADQUARTERS
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY HEADQUARTERS
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

Environmental Chemistry Chain of Custody

EMSL Order Number (Lab Use Only):

01903832

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	City: Newfield	State/Province: NJ					
Phone: 856-205-1077	Zip/Postal Code: 08344	Phone: 856-205-1077	Zip/Postal Code: 08344					
Project Name: Franklin Twp BOE - Mercury - <i>Maria R. Sch.</i>		Purchase Order: 19-1088						
U.S. State where Samples Collected: NJ		Date of Shipment: 4/5/2019						
Number of Samples in Shipment: 2		Date of Shipment: 4/5/2019						
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								
Standard Turnaround Time: <input type="checkbox"/> 2 Weeks <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								
Client Sample ID	Collect Date/Time	Matrix	Preservative	Field pH	Field Temp	Field Temp Deg C	Field Temp	Comments
① MRS-01	4/5/2019 07:30	W=Water S=Soil A=Air SL=Sludge O=Other	1=HCL 2=HNO3 3=H2SO4 4=CE 5=Other					
② MRS-01	4/5/2019 07:30		NONE					Gym, by Hallway Gym, Alcorse
			NONE					
Released By (Signature) <i>Jan F. R.</i>		Date & Time 4/5/19 08:00:00 1130		Received By <i>Dulraal Lakh</i>		Date & Time 4.5.19 11:30		
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: 19.6 °C								



April 15, 2019

Mr. Thomas Rambone, CEFM
Facilities Manager
Franklin Township Board of Education
3228 Coles Mill Rd.
Franklinville, NJ 08322

**RE: Synthetic Floor Sampling
Reutter Elementary School Gymnasium
Epic Project Number: 19-1088**

Dear Mr. Rambone:

Epic Environmental Services, LLC collected two samples of the synthetic rubberized floor from the Reutter Elementary School gymnasium to assess the flooring for the presence of mercury. Mercury compounds, specifically **phenyl mercuric acetate**, have been used in certain types of rubberized synthetic floors as part of the installation process.

Two representative full thickness bulk samples of the flooring were collected on April 5, 2019 and submitted to EMSL Analytical, Inc. for EPA Method 7471B analysis. Sampling procedures and analysis were performed in accordance with the "Mercury Hazard in Schools from Rubber-like Polyurethane Floors - Health and Safety Guide". Any flooring material containing more than 1 milligram per kilogram (mg/Kg) is to be considered mercury-containing.

Mercury was detected in the samples above the 1 mg/Kg criteria. A summary of the analytical results is found below:

<u>Sample Location</u>	<u>Mercury Concentration</u>	<u>Method Detection Limit</u>
Gymnasium Hallway Corner	170 mg/KG	9.1 mg/Kg
Gymnasium, by Storage Room	140 mg/KG	8.2 mg/Kg

The flooring in the Reutter Elementary School gymnasium is to be considered mercury-containing. It is recommended that air sampling be performed in accordance with the "Mercury Hazard in Schools from Rubber-like Polyurethane Floors - Health and Safety Guide" to evaluate airborne mercury vapor concentrations in the area.

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,

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



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2600 Fax: (856) 868-4571 Email: EnvChemistry2@emsl.com

Attn:

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

4/12/2019

Phone: (856) 205-1077
Fax: (856) 205-0413

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/5/2019. The results are tabulated on the attached data pages for the following client designated project:

Franklin Twp BOE-Mercury-Reutter ES

The reference number for these samples is EMSL Order #011903829. 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: 011903829
 CustomerID: EPIC62
 CustomerPO: 19-1088
 ProjectID:

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

Phone: (856) 205-1077
 Fax: (856) 205-0413
 Received: 04/05/19 11:30 AM

Project: Franklin Twp BOE-Mercury-Reutter ES

Analytical Results

Client Sample Description RES-01 **Collected:** 4/5/2019 **Lab ID:** 011903829-0001
 Gym-hallway corner 6:50:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
7471B	Mercury	170		9.1 mg/Kg	4/9/2019	PV	4/9/2019	PV

Client Sample Description RES-02 **Collected:** 4/5/2019 **Lab ID:** 011903829-0002
 Gym-by storage rm 6:50:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
7471B	Mercury	140		8.2 mg/Kg	4/9/2019	PV	4/9/2019	PV

Definitions:

ND - indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)
 D - Dilution



EMSL ANALYTICAL, INC.
CORPORATION

EMSL ANALYTICAL, INC.
CORPORATION

Environmental Chemistry Chain of Custody

EMSL Order Number (Lab Use Only):

011903829

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
PHONE 1-800-220-3675
FAX: (856) 788-5974

Report To Contact Name: James Eberts
 Company Name: Epic Environmental Services, LLC
 Street: 1930 Brown Road
 City: Newfield State/Province: NJ Zip/Postal Code: 08344
 Phone: 856-205-1077 Fax: 856-205-0413
 Project Name: Franklin Twp BOE - Mercury - Reutter ES Email Results To: jeberis@epicenviro.com
 U.S. State where Samples Collected: NJ Number of Samples in Shipment: 2 Date of Shipment: 4/5/2019

Bill To Company: Epic Environmental Services, LLC
 Attention To: James Eberts
 Street: 1930 Brown Road
 City: Newfield State/Province: NJ Zip/Postal Code: 08344
 Phone: 856-205-1077 Fax: 856-205-0413
 Purchase Order: 19-1088
 Date of Shipment: 4/5/2019

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

Failure to complete will hinder processing of samples

Client Sample ID	Comp	Gib	Collect Date/Time	Matrix	Preservative	List Test(s) Needed				Comments											
						W=Water	S=Soil	A=Air	SL=Sludge		O=Other	Field pH	Field pH	Field Temp	Field Temp						
RES-01	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4/5/2019 08:00	O	NONE																
RES-02	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4/5/2019 09:00	O	NONE																

Released By (Signature): *James Eberts* Date & Time: 4/5/19 11:30
 Received By (Signature): *Barbara Gark* Date & Time: 4-5-19 11:30

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.

(Lab) Received Temperature: 19.0°C