



March 2, 2018

Mr. John J. Deserable R.S.B.A
Int. School Business Administrator/Board Secretary
Haddonfield Public Schools
1 Lincoln Avenue
Haddonfield, NJ 08033

RE: Indoor Air Quality Assurance Monitoring during Renovations
Haddonfield Public School Buildings – February 27, 2018
Project No: 18-1035

Dear Mr. Deserable:

Epic Environmental Services performed air monitoring at the Haddon Elementary School, Tatem Elementary School, Haddonfield Central/Middle School, and Haddonfield High School on February 27, 2018. The purpose of the monitoring was to assess airborne dust concentrations resulting from current renovations at the schools. Sample locations were determined by site activities taking place the day of the sampling. Samples were primarily collected in occupied areas of the schools directly adjacent to areas undergoing active renovations. The activities being performed are described within the result tables.

Observations

- No significant evidence of surface dust resulting from the renovations was visible.

Total Dust Monitoring

Air samples for total dust were collected in each building from representative areas to be occupied by students and staff. Results were compared to the ACGIH Nuisance Dust Limit of 5 mg/m³.

Haddon Elementary School

Sample Location	Renovation Activities	Sample Results
Hallway by Room 110	Interior Room Renovations, Room 110	<0.42 mg/m ³

HEALTH

Epic Environmental Services, LLC
Tele: 856.205.1077

SAFETY

1930 Brown Road
www.epic-env.com

ENVIRONMENT

Newfield, New Jersey 08344
Fax: 856.205.0413

Tatem Elementary School

Sample Location	Renovation Activities	Sample Results
Room 210	Recently Completed Renovation Rear Exterior Wall Replacement, Room 208	< 0.42 mg/m ³
Room 310	Recently Completed Renovation Rear Exterior Wall Replacement, Room 308	< 0.42 mg/m ³

Central/Middle School

Sample Location	Renovation Activities	Sample Results
Auditorium Stage	Roof Renovations above Auditorium	< 0.42 mg/m ³
Hall by Room 153	Renovations to Stairwell near Room 153	< 0.42 mg/m ³

Haddonfield High School

Sample Location	Renovation Activities	Sample Results
Room A204	Roof Leak	< 0.42 mg/m ³
Breezeway by Room A204	Roof Leak	< 0.42 mg/m ³

All sample results were well below the limit of 5 mg/ m³.

Conclusions and Recommendations

- Airborne contaminate levels were well below acceptable levels.
- No further action is recommended at this time.

Please feel free to call me at 856-205-1077 should you have any questions.

Regards,



James Eberts
President
Epic Environmental Services, LLC

**EMSL Analytical - Industrial Hygiene**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

<http://www.EMSL.com>IndustrialHygienelab@emsl.com

EMSL Order: 281800908
CustomerID: EPIC62
CustomerPO: 18-1035
ProjectID: Haddon Twp BOE

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

Phone: (856) 205-1077
Fax: (856) 205-0413
Received: 02/27/18 2:25 PM
Analysis Date: 2/27/2018
Collected: 2/27/2018

Project: **Haddonfield BOE - Total Dust Monitoring - Haddon ES****Test Report: Total Dust Analysis (Gravimetric) of Air Samples via NIOSH 0500, Issue 2, 8/15/94**

Sample	Location	Volume (L)	Sample Weight (mg)	Concentration (mg/m ³)	Reporting Limit (mg/m ³)	Notes
HES-01 281800908-0001	Hall Outside Room 110	120	<0.050	<0.42	0.42	
HES-02 281800908-0002	Field Blank		<0.050	N/A	N/A	Field Blank
HES-03 281800908-0003	Field Blank		<0.050	N/A	N/A	Field Blank

Notes: Discernable field blank submitted with samples.
Results are not field blank corrected.

Analyst(s)

Vincent Kurp (3)

Scott Van Etten, CIH, Laboratory Manager
or other approved signatory

The laboratory is not responsible for data reported in mg/m³, which is dependent on volume collected by non-laboratory personnel. Reporting limits for samples without volumes, such as Field Blanks, are 0.05 mg. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ

Initial report from 02/28/2018 10:49:17



EMSL ANALYTICAL, INC.
107 Haddon Avenue
Westmont, NJ 08108

Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

- 281800908

Westmont, NJ
107 Haddon Avenue
Westmont, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-4960

Company: Epic Environmental Services, LLC		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If bill to is Different note instructions in Comments*	
Street: 1930 Brown Road		Third Party Billing requires written authorization from third party	
City/State/Zip: Newfield, NJ 08344			
Report To (Name): James Eberts		Fax: 856-205-0413	
Telephone: 856-205-1077		Email Address: jeberts@epicenviro.com	
Project Name/Number: Haddonfield BOE - Total Dust Monitoring - Haddon ES			
Please Provide Results: Email		Purchase Order: 18-1035 State Samples Taken: NJ	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hours/6 hours, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 800/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/ Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 188.1 (friable in NY) <input type="checkbox"/> NYS 188.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 800/sec. 2.6 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 800/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: NIOSH 0500 <input checked="" type="checkbox"/> TOTAL DUST	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: James Eberts		Samplers Signature: <i>James Eberts</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	DATE SAMPLED
HES-01	Hall outside Rm 110	120L	2/27/18 11:30 - 12:10 60 min 24PM
HES-02	Field Blank	-	N/A
HES-03	Field Blank	-	N/A
	End of Samples		
Client Sample # (s): HES-01 - 203		Total # of Samples: 3	
Relinquished (Client): <i>James Eberts</i>		Date: 2/27/18 Time: 1425	
Received (Lab): <i>[Signature]</i>		Date: 2/27/18 Time: 2255	
Comments/Special Instructions:			

RECEIVED
EMSL
CINNAMINSON, N.J.
2018 FEB 27 AM 2:27
3RH

**EMSL Analytical - Industrial Hygiene**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

<http://www.EMSL.com>IndustrialHygieneLab@emsl.com

EMSL Order: 281800909
CustomerID: EPIC62
CustomerPO: 18-1035
ProjectID: Haddon Twp BOE

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

Phone: (856) 205-1077
Fax: (856) 205-0413
Received: 02/27/18 2:25 PM
Analysis Date: 2/27/2018
Collected: 2/27/2018

Project: Haddonfield BOE - Total Dust Monitoring - Tatem ES

Test Report: Total Dust Analysis (Gravimetric) of Air Samples via NIOSH 0500, Issue 2, 8/15/94

Sample	Location	Volume (L)	Sample Weight (mg)	Concentration (mg/m ³)	Reporting Limit (mg/m ³)	Notes
TES-01	Room 210	120	<0.050	<0.42	0.42	
281800909-0001						
TES-02	Room 310	120	<0.050	<0.42	0.42	
281800909-0002						
TES-03	Field Blank		<0.050	N/A	N/A	Field Blank
281800909-0003						
TES-04	Field Blank		<0.050	N/A	N/A	Field Blank
281800909-0004						

Notes: Discernable field blank submitted with samples.
Results are not field blank corrected.

Analyst(s)

Vincent Kurp (4)

Scott Van Etten, CIH, Laboratory Manager
or other approved signatory

The laboratory is not responsible for data reported in mg/m³, which is dependent on volume collected by non-laboratory personnel. Reporting limits for samples without volumes, such as Field Blanks, are 0.05 mg. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ

Initial report from 02/28/2018 10:51:26



EMSL Analytical, Inc.
1000 Main Street, Westmont, NJ 08108

Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

-281800909

Westmont, NJ
107 Haddon Avenue
Westmont, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-4960

Company: Epic Environmental Services, LLC		EMSL Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1930 Brown Road		Third Party Billing requires written authorization from third party	
City/State/Zip: Newfield, NJ 08344			
Report To (Name): James Eberts		Fax: 856-205-0413	
Telephone: 856-205-1077		Email Address: jeberts@epicenviro.com	
Project Name/Number: Haddonfield BOE - Total Dust Monitoring - <i>Tatem ES</i>			
Please Provide Results: Email		Purchase Order: 18-1035	
		State Samples Taken: NJ	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hours/6 hours, please call ahead to schedule. There is a premium charge for 3 hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 9hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 800/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/ Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 8002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis EPA 800 sec. 2.5 TEM - Water: EPA 100.2 Fibers > 10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dual <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 800/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Qualitative) Other: NIOSH 0500 <input checked="" type="checkbox"/> TOTAL DUST	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: James Eberts		Samplers Signature: <i>James Eberts</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	DATE SAMPLED
TES-01	Room 210	120L	2/27/18 1244-1344 24µm 6.0m/m
TES-02	Room 310	120L	1246-1346 24µm 6.0m/m
TES-03	Field Blank	-	N/A
TES-04	Field Blank	-	N/A
End of samples			
Client Sample # (s): TES 01 - 04		Total # of Samples: 4	
Relinquished (Client): <i>James Eberts</i>		Date: 2/27/18 Time: 1425	
Received (Lab): <i>[Signature]</i>		Date: 2/27/18 Time: 2250	
Comments/Special Instructions:			

RECEIVED
EMSL
JANUARY 21 2018

(424)

**EMSL Analytical - Industrial Hygiene**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

<http://www.EMSL.com>IndustrialHygienelab@emsl.com

EMSL Order: 281800910
CustomerID: EPIC62
CustomerPO: 18-1035
ProjectID: Haddon Twp BOE

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

Phone: (856) 205-1077
Fax: (856) 205-0413
Received: 02/27/18 2:25 PM
Analysis Date: 2/27/2018
Collected: 2/27/2018

Project: Haddonfield BOE - Total Dust Monitoring - Central Middle School

Test Report: Total Dust Analysis (Gravimetric) of Air Samples via NIOSH 0500, Issue 2, 8/15/94

Sample	Location	Volume (L)	Sample Weight (mg)	Concentration (mg/m ³)	Reporting Limit (mg/m ³)	Notes
CMS-01	Auditorium Stage	120	<0.050	<0.42	0.42	
281800910-0001						
CMS-02	Hall by Room 153	120	<0.050	<0.42	0.42	
281800910-0002						
CMS-03	Field Blank		<0.050	N/A	N/A	Field Blank
281800910-0003						
CMS-04	Field Blank		<0.050	N/A	N/A	Field Blank
281800910-0004						

Notes: Discernable field blank submitted with samples.
Results are not field blank corrected.

Analyst(s)

Vincent Kurp (4)

Scott Van Etten, CIH, Laboratory Manager
or other approved signatory

The laboratory is not responsible for data reported in mg/m³, which is dependent on volume collected by non-laboratory personnel. Reporting limits for samples without volumes, such as Field Blanks, are 0.05 mg. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ

Initial report from 02/28/2018 10:54:24



EMSL ANALYTICAL, INC.
ANALYTICAL SERVICES

Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

-281800910

Westmont, NJ
107 Haddon Avenue
Westmont, NJ 08108
PHONE: (856) 858-4900
FAX: (856) 858-4960

Company: Epic Environmental Services, LLC		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments*	
Street: 1930 Brown Road		Third Party Billing requires written authorization from third party	
City/State/Zip: Newfield, NJ 08344			
Report To (Name): James Eberts		Fax: 856-205-0413	
Telephone: 856-205-1077		Email Address: jeberts@epicenviro.com	
Project Name/Number: Haddonfield BOE - Total Dust Monitoring - Central/Middle School			
Please Provide Results: Email		Purchase Order: 18-1035 State Samples Taken: NJ	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hours/6 hours, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 9hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 800/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/ Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 8002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 108.4 (non-friable-NY) <input type="checkbox"/> Chalfield SOP <input type="checkbox"/> TEM Mass Analysis: EPA 800 sec. 2.6 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6460 <input type="checkbox"/> Carpet Sonication (EPA 800/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: NIOSH 0500 <input checked="" type="checkbox"/> TOTAL DUST	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: James Eberts		Samplers Signature: <i>James Eberts</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	DATE SAMPLED
CMS-01	Auditorium Stage	120L	2/27/18
CMS-02	Hall by Rm 153	120L	1125 - 1225 2LPM 60min
CMS-03	Field Blank	-	N/A
CMS-04	Field Blank	-	N/A
	End of samples		
Client Sample # (s): CMS-01 - 204		Total # of Samples: 4	
Relinquished (Client):	<i>James Eberts</i>	Date: 2/27/18	Time: 1425
Received (Lab):	<i>[Signature]</i>	Date: 2/27/18	Time: 225
Comments/Special Instructions:			

Controlled Document - Asbestos Lab Services COC - A1.D - 11/23/2009

Page 1 of 1 Pages

RECEIVED
EMSL
CINNAMILSON, NJ

4PRD

**EMSL Analytical - Industrial Hygiene**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

<http://www.EMSL.com>IndustrialHygienelab@emsl.com

EMSL Order: 281800907

CustomerID: EPIC62

CustomerPO: 18-1035

ProjectID: Haddon Twp BOE

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

Phone: (856) 205-1077
Fax: (856) 205-0413
Received: 02/27/18 2:25 PM
Analysis Date: 2/27/2018
Collected: 2/27/2018

Project: Haddonfield BOE - Total Dust Monitoring - High School

Test Report: Total Dust Analysis (Gravimetric) of Air Samples via NIOSH 0500, Issue 2, 8/15/94

Sample	Location	Volume (L)	Sample Weight (mg)	Concentration (mg/m ³)	Reporting Limit (mg/m ³)	Notes
HHS-01 281800907-0001	Room A204	120	<0.050	<0.42	0.42	
HHS-02 281800907-0002	Breezeway by Room A204	120	<0.050	<0.42	0.42	
HHS-03 281800907-0003	Field Blank		<0.050	N/A	N/A	Field Blank
HHS-04 281800907-0004	Field Blank		<0.050	N/A	N/A	Field Blank

Notes: Discernable field blank submitted with samples.
Results are not field blank corrected.

Analyst(s)

Vincent Kurp (4)

Scott Van Etten, CIH, Laboratory Manager
or other approved signatory

The laboratory is not responsible for data reported in mg/m³, which is dependent on volume collected by non-laboratory personnel. Reporting limits for samples without volumes, such as Field Blanks, are 0.05 mg. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ

Initial report from 02/28/2018 10:46:23



EPASL
Environmental Protection Agency
Asbestos Laboratory Services

Asbestos Lab Services Chain of Custody

EMSL Order Number (Lab Use Only):

281800907

Westmont, NJ
107 Haddon Avenue
Westmont, NJ 08108
PHONE: (856) 858-4800
FAX: (856) 858-4960

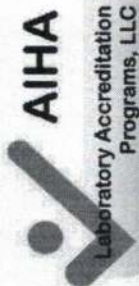
Company: Epic Environmental Services, LLC		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Street: 1930 Brown Road			
City/State/Zip: Newfield, NJ 08344			
Report To (Name): James Eberts		Fax: 856-205-0413	
Telephone: 856-205-1077		Email Address: jeberts@epicenviro.com	
Project Name/Number: Haddonfield BOE - Total Dust Monitoring - High School			
Please Provide Results: Email		Purchase Order: 18-1035 State Samples Taken: NJ	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <small>*For TEM Air 3 hours/6 hours, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 9hr. TWA PLM - Bulk (respirable limit) <input type="checkbox"/> PLM EPA 800/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/ Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 8002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 800 sec. 2.6 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D-5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 800/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: NIOSH 0500 <input checked="" type="checkbox"/> TOTAL DUST	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: James Eberts		Samplers Signature: <i>James Eberts</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	DATE SAMPLED
HHS-01	Room A204	120L	2/27/18
HHS-02	Breezeway by Rm. A204	120L	1300-1400 2 LPM 60 min
HHS-03	Field Blank	N/A	N/A
HHS-04	Field Blank	N/A	N/A
	End of Samples		
Client Sample # (s): HHS-01 → 04		Total # of Samples: 4	
Relinquished (Client): <i>James Eberts</i>		Date: 2/27/18 Time: 1425	
Received (Lab): <i>[Signature]</i>		Date: 2/27/18 Time: 2250	
Comments/Special Instructions:			

Controlled Document - Asbestos Lab Services COC - A1.0 - 11/23/2019

Page 1 of 1 Pages

RECEIVED
ENSL
CHAMBERSBURG, N.J.

4P11



AIHA Laboratory Accreditation Programs, LLC

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Laboratory ID: 100194

acknowledges that

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | |
|--|---|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires: September 01, 2018 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: September 01, 2018 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: September 01, 2018 |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input type="checkbox"/> UNIQUE SCOPES | Accreditation Expires: |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

William Walsh

William Walsh, CIH
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 15: 03/30/2016

Date Issued: 08/31/2016