



Montclair Board of Education

---

**Original Asbestos Report – No Asbestos Found in Stair Tower #11**  
(Park Street)





# DETAIL ASSOCIATES, INC.

ENVIRONMENTAL ENGINEERING CONSULTANTS

---

September 24, 2018

Mr. John Eschmann  
Montclair Board of Education  
22 Valley Road  
Montclair, New Jersey 07042

Re: **Asbestos Assessment Survey – Project #NJ18-5060  
High School, 100 Chestnut St., Montclair, NJ**

Dear Mr. Eschmann:

Thank you for using the professional services of Detail Associates, Inc. Attached please find the asbestos survey results for the wall plaster samples taken from the stairwell facing Park Street at the above reference school on September 17, 2018.

A total of two (2) plaster samples were taken and examined by EMSL Analytical, Inc. using Polarized Light Microscopy (PLM) in accordance with the EPA protocol, "Method for the Determination of Asbestos in Bulk Building Materials", EPA-600/R-93/116, July 1993.

The collected samples were **negative** for asbestos.

Should you have any questions, please feel free to contact this office at your convenience.

Very truly yours,  
**DETAIL ASSOCIATES, INC.**

*Anthony Valentine*  
Anthony Valentine  
Senior Project Manager  
AV/jfg  
Enclosure

560 SYLVAN AVENUE/SUITE 3065, ENGLEWOOD CLIFFS, NEW JERSEY 07632  
TEL: (201) 569-6708 FAX: (201) 569-4378 WORLDWIDE WEB: <http://www.daienviro.com>  
E MAIL: [stephenj@daienviro.com](mailto:stephenj@daienviro.com)

EUROPE NORTH AMERICA ASIA

***Detail Associates, Inc.***

*300 Grand Avenue  
Englewood, NJ 07631  
(201) 569-6708*

**BULK SAMPLE SUMMARY SHEET**

---

***Project #:*** NJ185060  
***Client:*** Montclair Board of Education  
***Dates:*** 9/17/18 to 9/17/18

<b><i>Sample #</i></b>	<b><i>Sample Location</i></b>	<b><i>Total Asbestos</i></b>
MON-0917-01	High School - 100 Chestnut Street, Montclair, NJ - Wall Plaster - Stairway Facing Park Street - Left	None Detected
MON-0917-02	High School - 100 Chestnut Street, Montclair, NJ - Wall Plaster - Stairway Facing Park Street - Right	None Detected

**Detail Associates, Inc.**

300 Grand Avenue  
Englewood, NJ 07631  
(201) 569-6708

**BULK SAMPLE CERTIFICATE OF ANALYSIS**

<b>Client Name:</b>	Montclair Board of Education	<b>Project #:</b>	NJ185060
<b>Sample # :</b>	MON-0917-01	<b>Sample Date:</b>	9/17/2018
<b>Location:</b>	High School - 100 Chestnut Street, Montclair, NJ - Wall Plaster - Stairway Facing Park Street - Left	<b>Date Analyzed:</b>	9/17/2018

-----  
**Test Method: PLM/DS (EPA 600/R-93/116)**

**Gross Sample Appearance -**

- |                               |      |
|-------------------------------|------|
| 1. Homogeneous, Friable:      | 0%   |
| 2. Homogeneous, Nonfriable:   | 100% |
| 3. Heterogeneous, Friable:    |      |
| 4. Heterogeneous, Nonfriable: |      |
| 5. Heterogeneous, Mixed:      |      |

**Sample Treatment -**

1. Homogenized:
2. Chemical Treated:
3. Untreated:

**Asbestos Present -**

- |                                |               |
|--------------------------------|---------------|
| 1. Chrysotile:                 | None Detected |
| 2. Amosite:                    | None Detected |
| 3. Crocidolite:                | None Detected |
| 4. Anthophyllite:              | None Detected |
| 5. Tremolite:                  | None Detected |
| 6. Actinolite:                 | None Detected |
| <b>Total Asbestos Present:</b> | None Detected |

**Other Fibrous Material Present -**

- |                     |                   |
|---------------------|-------------------|
| 1. Fiber Glass:     | 6. Mineral Wool:  |
| 2. Cellulose:       | 7. Ceramic Fiber: |
| 3. Synthetic Fiber: | 8. Animal Fibers: |
| 4. Brucite:         | 9. Wollastonite:  |
| 5. Cotton:          | 10. Other:        |
|                     | (Desc.):          |

**Nonfibrous Material Present -**

- |                 |             |
|-----------------|-------------|
| 1. Gypsum:      | 5. Quartz:  |
| 2. Vermiculite: | 6. Perlite: |
| 3. Paint:       | 7. Asphalt: |
| 4. Binders:     | 8. Other:   |
|                 | (Desc.):    |

1. The accuracy of percentage is plus or minus 1-5%.  
2. PLM is not reliable for NOB sample only ND (Not Determined) can be reported or if it is positive. Quantitative TEM is the only method to report negative.  
3. This Certificate shall not be reproduced except in full with the written approval by DAI. The results relate only to the items tested.

**Detail Associates, Inc.**

300 Grand Avenue  
Englewood, NJ 07631  
(201) 569-6708

**BULK SAMPLE CERTIFICATE OF ANALYSIS**

---

<b>Client Name:</b>	Montclair Board of Education	<b>Project #:</b>	NJ185060
<b>Sample # :</b>	MON-0917-02	<b>Sample Date:</b>	9/17/2018
<b>Location:</b>	High School - 100 Chestnut Street, Montclair, NJ - Wall Plaster - Stairway Facing Park Street - Right	<b>Date Analyzed:</b>	9/17/2018

---

**Test Method: PLM/DS (EPA 600/R-93/116)**

**Gross Sample Appearance -**

- |                               |      |
|-------------------------------|------|
| 1. Homogeneous, Friable:      | 0%   |
| 2. Homogeneous, Nonfriable:   | 100% |
| 3. Heterogeneous, Friable:    |      |
| 4. Heterogeneous, Nonfriable: |      |
| 5. Heterogeneous, Mixed:      |      |

**Sample Treatment -**

1. Homogenized:
2. Chemical Treated:
3. Untreated:

**Asbestos Present -**

- |                                |               |
|--------------------------------|---------------|
| 1. Chrysotile:                 | None Detected |
| 2. Amosite:                    | None Detected |
| 3. Crocidolite:                | None Detected |
| 4. Anthophyllite:              | None Detected |
| 5. Tremolite:                  | None Detected |
| 6. Actinolite:                 | None Detected |
| <b>Total Asbestos Present:</b> | None Detected |

**Other Fibrous Material Present -**

- |                     |                   |
|---------------------|-------------------|
| 1. Fiber Glass:     | 6. Mineral Wool:  |
| 2. Cellulose:       | 7. Ceramic Fiber: |
| 3. Synthetic Fiber: | 8. Animal Fibers: |
| 4. Brucite:         | 9. Wollastonite:  |
| 5. Cotton:          | 10. Other:        |
|                     | (Desc.):          |

**Nonfibrous Material Present -**

- |                 |             |
|-----------------|-------------|
| 1. Gypsum:      | 5. Quartz:  |
| 2. Vermiculite: | 6. Perlite: |
| 3. Paint:       | 7. Asphalt: |
| 4. Binders:     | 8. Other:   |
|                 | (Desc.):    |
- 

1. The accuracy of percentage is plus or minus 1-5%.
2. PLM is not reliable for NOB sample only ND (Not Determined) can be reported or if it is positive. Quantitative TEM is the only method to report negative.
3. This Certificate shall not be reproduced except in full with the written approval by DAI. The results relate only to the items tested.



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031825597  
Customer ID: DETA50  
Customer PO:  
Project ID:

Attn: Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632

Phone: (201) 569-6708  
Fax: (201) 569-4378  
Collected: 9/17/2018  
Received: 9/17/2018  
Analyzed: 9/17/2018

Proj: NJ18.5060

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

Client Sample ID: MON0917-01

Lab Sample ID: 031825597-0001

Sample Description: STAIRWAY FACING PARK ST/WALL PLASTER- L

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/17/2018	Gray/White	0%	100%	None Detected	

Client Sample ID: MON0917-02

Lab Sample ID: 031825597-0002

Sample Description: STAIRWAY FACING PARK ST/WALL PLASTER- R

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/17/2018	Gray/White	0%	100%	None Detected	



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031825597  
Customer ID: DETA50  
Customer PO:  
Project ID:

**Attn:** Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632  
**Phone:** (201) 569-6708  
**Fax:** (201) 569-4378  
**Collected:** 9/17/2018  
**Received:** 9/17/2018  
**Analyzed:** 9/17/2018  
**Proj:** NJ18 5060

The samples in this report were submitted for asbestos bulk analysis. The reference number for these samples is the Order ID above. Please use this reference number when calling about these samples.

Sample Receipt Date: 09/17/2018  
Analysis Completed Date: 09/17/2018

Sample Receipt Time: 1:39 pm  
Analysis Completed Time: 3:00 pm

**Analyst(s):**

*Kamel Alawanda*

Kamel Alawanda PLM (1)

*Yolanda Chow*

Yolanda Chow PLM (1)

**Reviewed and approved by:**

*James Hall*

James Hall, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs.

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC-IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170



0318 25597  
CHAIN OF CUSTODY  
For  
Laboratory Analytical Service

#: 6109

560 Sylvan Avenue, Suite 3065  
Englewood Cliffs, New Jersey 07632  
Tel: 201/569-6708 Fax: 201/569-4378

11

Submittal Date: 09/17/18		Laboratory Job No.	
P.O. No.		Client Job No. NJ 18.5060	
Name		Name	
Company: Detail Associates, Inc.		Company	
Address: 560 Sylvan Avenue / Suite 3065		Mailing Address	
City, State, Zip:		City, State, Zip	
Englewood Cliffs, NJ 07632		Telephone No.	
Fax No.		Fax No.	

REPORT RESULTS TO:

Field Sheet Attached:  Yes  No

Date Verbal Results are Required: 3HR TAG  Yes  No


Date Written Report Requested:  Yes  No

Rush Charges Authorized?  Yes  No


SAMPLE DATA


Client Sample No.	Date Sampled	Sample Description	Volume (Specify Units)	Type of Analysis Requested	Receiving Condition
MON 0917-01	09/17/18	Water Sample - STANBURY PARKING PARK S		P LMA	
MON 0917-02	09/17/18	Water Sample (B) - STANBURY PARKING PARK S		P LMA	

Special Instructions (Method, Limit of Detection, Rush Analysis, etc.)

Relinquished by:  Date/Time: 09/17/18

Method of Shipment:

Received by:  Date/Time: 9/17/18 1:39 PM

Analyzed by:  Date/Time: 9/17/18 2:46 PM

Results Reported to: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: \_\_\_\_\_

Authorized by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

(Client Signature Must Accompany Request)





Montclair Board of Education

---

# **Second Asbestos Report –Asbestos Found in ALL Original Stair Towers**

**(Park Street, Midland Street and the Two Interior Stair Towers)**





# DETAIL ASSOCIATES, INC.

ENVIRONMENTAL ENGINEERING CONSULTANTS

September 29, 2018

Mr. John Eschmann  
Montclair Board of Education  
22 Valley Road  
Montclair, New Jersey 07042

Re: **Asbestos Assessment Survey – Project #NJ18-5062**  
**High School, 100 Chestnut St., Montclair, NJ**

Dear Mr. Eschmann:

Detail Associates, Inc. has conducted extensive plaster assessment for presence of asbestos containing materials within the four isolated stairways in the High School - #8, # 9 # 10 & #11. The survey was initiated after the initial plaster disturbance within the #11 basement area and proposed extensive restoration/replacement of the stairways.


A total of 50 plaster samples were taken within the four designated areas. The survey was conducted following the AHERA protocol exceeding the minimum required samples for homogeneous area assessment. The collected samples were examined by EMSL Analytical, Inc. using Polarized Light Microscopy (PLM) in accordance with the EPA protocol, "Method for the Determination of Asbestos in Bulk Building Materials", EPA-600/R-93/116, July 1993 for determination of asbestos fiber composition.

Based on the analytical report, we established that small number of samples contain between <1% to 2% of asbestos in the brown coat in each of the stairways. Attached are the analytical reports of the collected samples indicating the specific locations tested.

Based on the above as well as the regulatory mandates, I recommend that we consider the plaster material be **asbestos containing** within all the stairways under consideration.

Should you have any questions, please feel free to contact this office at your convenience.

Very truly yours,

  
Stephen A. Jaraczewski, ASCM#12  
BSCHE, MS Sustainability Management, Columbia University  
President  
Enclosures

560 SYLVAN AVENUE/SUITE 3065, ENGLEWOOD CLIFFS, NEW JERSEY 07632  
TEL: (201) 569-6708 FAX: (201) 569-4378 WORLDWIDE WEB: <http://www.daienviro.com>  
E MAIL: [stephenj@daienviro.com](mailto:stephenj@daienviro.com)

EUROPE NORTH AMERICA ASIA



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826305  
Customer ID: DETA50  
Customer PO:  
Project ID:

**Attn:** Stephen Jaraczewski  
Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632  
**Phone:** (201) 569-6708  
**Fax:** (201) 569-4378  
**Collected:** 9/22/2018  
**Received:** 9/23/2018  
**Analyzed:** 9/24/2018  
**Proj:** NJ18-5062

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

**Client Sample ID:** MOM-0922-1BA **Lab Sample ID:** 031826305-0001

**Sample Description:** #9 - SKIM COAT - BASEMENT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

**Client Sample ID:** MOM-0922-1BB **Lab Sample ID:** 031826305-0002

**Sample Description:** #9 - BROWN COAT - BASEMENT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Brown	0%	100%	<1% Chrysotile	

**Client Sample ID:** MOM-0922-2BA **Lab Sample ID:** 031826305-0003

**Sample Description:** #9 - 1ST LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

**Client Sample ID:** MOM-0922-2BB **Lab Sample ID:** 031826305-0004

**Sample Description:** #9 - 1ST LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Brown	0%	100%	<1% Chrysotile	

**Client Sample ID:** MOM-0922-3BA **Lab Sample ID:** 031826305-0005

**Sample Description:** #9 - 1ST FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

**Client Sample ID:** MOM-0922-3BB **Lab Sample ID:** 031826305-0006

**Sample Description:** #9 - 1ST FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	5%	95%	<1% Chrysotile	

**Client Sample ID:** MOM-0922-4BA **Lab Sample ID:** 031826305-0007

**Sample Description:** #9 - 2ND FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826305  
Customer ID: DETA50  
Customer PO:  
Project ID:

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

Client Sample ID: MOM-0922-4BB Lab Sample ID: 031826305-0008

Sample Description: #9 - 2ND FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	0%	100%	<1% Chrysotile	

Client Sample ID: MOM-0922-5BA Lab Sample ID: 031826305-0009

Sample Description: #9 - 2ND FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

Client Sample ID: MOM-0922-5BB Lab Sample ID: 031826305-0010

Sample Description: #9 - 2ND FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	0%	100%	<1% Chrysotile	

Client Sample ID: MOM-0922-6BA Lab Sample ID: 031826305-0011

Sample Description: #9 - 3RD FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

Client Sample ID: MOM-0922-6BB Lab Sample ID: 031826305-0012

Sample Description: #9 - 3RD FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	0%	98%	2% Chrysotile	

Client Sample ID: MOM-0922-7BA Lab Sample ID: 031826305-0013

Sample Description: #9 - 3RD FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

Client Sample ID: MOM-0922-7BB Lab Sample ID: 031826305-0014

Sample Description: #9 - 3RD FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Brown	0%	98%	2% Chrysotile	

Client Sample ID: MOM-0922-8BA Lab Sample ID: 031826305-0015

Sample Description: #8 - 3RD FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826305  
Customer ID: DETA50  
Customer PO:  
Project ID:

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

Client Sample ID: MOM-0922-8BB Lab Sample ID: 031826305-0016

Sample Description: #8 - 3RD FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	4%	96%	<1% Chrysotile	

Client Sample ID: MOM-0922-9BA Lab Sample ID: 031826305-0017

Sample Description: #8 - 3RD FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

Client Sample ID: MOM-0922-9BB Lab Sample ID: 031826305-0018

Sample Description: #8 - 3RD FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	0%	100%	<1% Chrysotile	

Client Sample ID: MOM-0922-10BA Lab Sample ID: 031826305-0019

Sample Description: #8 - 2ND FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

Client Sample ID: MOM-0922-10BB Lab Sample ID: 031826305-0020

Sample Description: #8 - 2ND FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray/White	0%	100%	<1% Chrysotile	

Client Sample ID: MOM-0922-11BA Lab Sample ID: 031826305-0021

Sample Description: #8 - 2ND FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

Client Sample ID: MOM-0922-11BB Lab Sample ID: 031826305-0022

Sample Description: #8 - 2ND FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Brown/Gray	0%	98%	2% Chrysotile	

Client Sample ID: MOM-0922-12BA Lab Sample ID: 031826305-0023

Sample Description: #8 - 1ST FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	





# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826305  
Customer ID: DETA50  
Customer PO:  
Project ID:

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

**Client Sample ID:** MOM-0922-12BB **Lab Sample ID:** 031826305-0024

**Sample Description:** #8 - 1ST FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	0%	100%	<1% Chrysotile	

**Client Sample ID:** MOM-0922-13BA **Lab Sample ID:** 031826305-0026

**Sample Description:** #8 - 1ST FLOOR LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

**Client Sample ID:** MOM-0922-13BB **Lab Sample ID:** 031826305-0026

**Sample Description:** #1 - 1ST FLOOR LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Gray	0%	98%	2% Chrysotile	

**Client Sample ID:** MOM-0922-14BA **Lab Sample ID:** 031826305-0027

**Sample Description:** #8 - GROUND LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

**Client Sample ID:** MOM-0922-14BB **Lab Sample ID:** 031826305-0028

**Sample Description:** #8 - GROUND LANDING - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Brown/Gray	0%	100%	<1% Chrysotile	

**Client Sample ID:** MOM-0922-15BA **Lab Sample ID:** 031826305-0029

**Sample Description:** #8 - GROUND LANDING - SKIM COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	White	0%	100%	None Detected	

**Client Sample ID:** MOM-0922-15BB **Lab Sample ID:** 031826305-0030

**Sample Description:** #8 - GROUND FLOOR - BROWN COAT/WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/24/2018	Brown	0%	100%	<1% Chrysotile	



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826305  
Customer ID: DETA50  
Customer PO:  
Project ID:

**Attn:** Stephen Jaraczewski  
Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632  
**Proj:** NJ18-5062

**Phone:** (201) 569-6708  
**Fax:** (201) 569-4378  
**Collected:** 9/22/2018  
**Received:** 9/23/2018  
**Analyzed:** 9/24/2018

The samples in this report were submitted for asbestos bulk analysis. The reference number for these samples is the Order ID above. Please use this reference number when calling about these samples.

Sample Receipt Date: 09/23/2018  
Analysis Completed Date: 09/24/2018

Sample Receipt Time: 9:20 am  
Analysis Completed Time: 9:56 am

**Analyst(s):**

Kamel Alawawda PLM (4)

Tiquasha Thompson PLM (26)

**Reviewed and approved by:**

James Hall, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs.

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC-IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Detail Associates, Inc.  
560 Sylvan Avenue / Suite 3065  
Englewood Cliffs NJ 07632

**CHAIN OF CUSTODY**  
For  
**Laboratory Analytical Service**

31

# 6127

1 of 1

051826305

OrderID: 031826305

Submittal Date: 02/22/18		Laboratory Job No.	
P.O. No.	Client Job No. 14718-5062	Name	
Name		Company	
Company: Detail Associates, Inc.		Mailing Address	
Address: 560 Sylvan Avenue / Suite 3065		City, State, Zip	
City, State, Zip: Englewood Cliffs, NJ 07632		Telephone No.	
Fax No.			

REPORT TO: RESULTS TO:

Field Sheet Attached:  Yes  No  No  No

Date Verbal Results are Required: 24.24 hours

Date Written Report Requested: Rush Charges Authorized?  Yes  No

**SAMPLE DATA**

Client Sample No.	Date Sampled	Sample Description	Volume (Specify Units)	Type of Analysis Requested	Receiving Condition
MOX-0922-18A	09/22/18	wall plaster		PCMT - asbestos - NFA	
MOX-0922-18B					
MOX-0922-18A					
MOX-0922-200					
MOX-0922-30A					
MOX-0922-30B					
MOX-0922-40A					
MOX-0922-40B					
MOX-0922-50A					
MOX-0922-50B					

Special Instructions (Method, Limit of Detection, Rush Analysis, etc.)

Relinquished by: *[Signature]* Date/Time: 09/22/18

Method of Shipment: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Authorized by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

(Client Signature Must Accompany Request)

Received by: \_\_\_\_\_ Date/Time: 9.20 AM

Analyzed by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Results Reported to: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: \_\_\_\_\_

*[Signature]* 9/25/18 2:03 AM

Detail Associates, Inc.  
560 Sylvan Avenue / Suite 3065  
Englewood Cliffs NJ 07632

CHAIN OF CUSTODY  
For  
Laboratory Analytical Service

'631

#: ~~6128~~ 6127 2 of 1

031826305

Submittal Date: 09/22/18		Laboratory Job No.	
P.O. No.	Client Job No. NJ18-5062	Name	
Name		Company	
Company: Detail Associates, Inc.		Mailing Address	
Address: 560 Sylvan Avenue / Suite 3065		City, State, Zip	
City, State, Zip: Englewood Cliffs, NJ 07632		Telephone No.	
		Fax No.	

REPORT TO: RESULTS TO:

Field Sheet Attached:  Yes  No      Date Verbal Results are Required: 7/17-24 records      Date Written Report Requested: \_\_\_\_\_      Rush Charges Authorized?  Yes  No

SAMPLE DATA

Client Sample No.	Date Sampled	Sample Description	Volume (Specify Units)	Type of Analysis Requested	Receiving Condition
MON-0922-60A	09/22/18	wall plaster		PUM - Sebata - NJ	
MON-0922-60B					
MON-0922-70A					
MON-0922-70B					
MON-0922-80A					
MON-0922-80B					
MON-0922-90A					
MON-0922-90B					
MON-0922-100A					
MON-0922-100B					

Special Instructions (Method, Limit of Detection, Rush Analysis, etc.) \_\_\_\_\_

Relinquished by: [Signature] Date/Time: 09/22/18      Received by: [Signature] Date/Time: 9:20 AM

Method of Shipment: \_\_\_\_\_      Results Reported to: \_\_\_\_\_      Date/Time: \_\_\_\_\_

Comments: \_\_\_\_\_

Authorized by: \_\_\_\_\_ Date/Time: \_\_\_\_\_      (Client Signature Must Accompany Request)

[Signature] 09/22/18 2:05 PM

**CHAIN OF CUSTODY**  
For  
**Laboratory Analytical Service**

Detail Associates, Inc.  
300 Grand Avenue, Englewood, NJ 07631  
#201-569-6708, Fax #201-569-4378

#-5023-6127 3 of 1  
031826305

Submittal Date: <u>09/22/18</u>		Laboratory Job No.	
P.O. No.	Client Job No. <u>NJ18-5062</u>	Name	Company
Name		Mailing Address	
Company: <b>Detail Associates, Inc.</b>	Dept	City, State, Zip	
Address: 300 Grand Avenue		Telephone No.	
City, State, Zip: Englewood, NJ 07631		Fax No.	

Field Sheet Attached:  Yes  No

Date Verbal Results are Required: 24 HOURS

Date Written Report Requested:  Yes  No

Rush Charges Authorized?  Yes  No

**SAMPLE DATA**

Client Sample No.	Date Sampled	Sample Description	Volume (Specify Units)	Type of Analysis Requested	Receiving Condition
<u>MON-0922-11BA</u>	<u>09/22/18</u>	<u>WALL PLASTER</u>		<u>PMA - substrate - NCF</u>	
<u>MON-0922-11BA</u>					
<u>MON-0922-12BA</u>					
<u>MON-0922-12BA</u>					
<u>MON-0922-13BA</u>					
<u>MON-0922-15BA</u>					
<u>MON-0922-14BA</u>					
<u>MON-0922-16BA</u>					
<u>MON-0922-15BA</u>					
<u>MON-0922-15BA</u>					

Special Instructions (Method, Limit of Detection, Rush Analysis, etc.)

Relinquished by: [Signature] Date/Time: 09/22/18

Method of Shipment:

Authorized by: [Signature] Date/Time: \_\_\_\_\_

(Client Signature Must Accompany Request)

Received by: [Signature] Date/Time: 9/20/18

Analyzed by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Results Reported to: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: Representing 9/20/18 2:03AM



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826767  
Customer ID: DETA50  
Customer PO: CC 013001  
Project ID:

**Attn:** Stephen Jaraczewski  
Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632  
**Proj:** NJ18.5063

**Phone:** (201) 569-6708  
**Fax:** (201) 569-4378  
**Collected:** 9/27/2018  
**Received:** 9/27/2018  
**Analyzed:** 9/28/2018

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	
<i>Client Sample ID:</i> MON-0927-01-Skim Coat <span style="float:right"><i>Lab Sample ID:</i> 031826767-0001</span>						
<i>Sample Description:</i> EXIT 10 1ST FL (E) - WALL PLASTER						
PLM	09/27/2018	Gray	0%	100%	<1% Chrysotile	
<i>Client Sample ID:</i> MON-0927-01-Rough Coat <span style="float:right"><i>Lab Sample ID:</i> 031826767-0001A</span>						
<i>Sample Description:</i> EXIT 10 1ST FL (E) - WALL PLASTER						
PLM	09/27/2018	White	0%	100%	None Detected	
<i>Client Sample ID:</i> MON-0927-02-Skim Coat <span style="float:right"><i>Lab Sample ID:</i> 031826767-0002</span>						
<i>Sample Description:</i> EXIT 10 GR FL (W) - WALL PLASTER						
PLM	09/27/2018	Gray	0%	100%	None Detected	
<i>Client Sample ID:</i> MON-0927-02-Rough Coat <span style="float:right"><i>Lab Sample ID:</i> 031826767-0002A</span>						
<i>Sample Description:</i> EXIT 10 GR FL (W) - WALL PLASTER						
PLM	09/27/2018	White	0%	100%	None Detected	
<i>Client Sample ID:</i> MON-0927-03-Skim Coat <span style="float:right"><i>Lab Sample ID:</i> 031826767-0003</span>						
<i>Sample Description:</i> EXIT 10 1ST FL (W) - WALL PLASTER						
PLM	09/28/2018	White	0%	100%	None Detected	
<i>Client Sample ID:</i> MON-0927-03-Rough Coat <span style="float:right"><i>Lab Sample ID:</i> 031826767-0003A</span>						
<i>Sample Description:</i> EXIT 10 1ST FL (W) - WALL PLASTER						
PLM	09/28/2018	Gray	2%	98%	None Detected	
<i>Client Sample ID:</i> MON-0927-04-Skim Coat <span style="float:right"><i>Lab Sample ID:</i> 031826767-0004</span>						
<i>Sample Description:</i> INTERN. BET 1ST 2ND FL EXIT 10 (E) WALL PLASTER						
PLM	09/27/2018	White	0%	100%	None Detected	



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826767  
Customer ID: DETA50  
Customer PO: CC 013001  
Project ID:

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

Client Sample ID: MON-0927-04-Rough Coat Lab Sample ID: 031826767-0004A

Sample Description: INTERN. BET 1ST 2ND FL EXIT 10 (E ) WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	Gray	0%	100%	<1% Chrysotile	

Client Sample ID: MON-0927-05-Skim Coat Lab Sample ID: 031826767-0005

Sample Description: EXIT 10 2ND FL (W) WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	

Client Sample ID: MON-0927-05-Rough Coat Lab Sample ID: 031826767-0005A

Sample Description: EXIT 10 2ND FL (W) WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	Gray	0%	100%	<1% Chrysotile	

Client Sample ID: MON-0927-06-Skim Coat Lab Sample ID: 031826767-0006

Sample Description: INTERN BET 2ND & 3RD FL EXIT 10 (E ) WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/28/2018	White	0%	100%	None Detected	

Client Sample ID: MON-0927-06-Rough Coat Lab Sample ID: 031826767-0006A

Sample Description: INTERN BET 2ND & 3RD FL EXIT 10 (E ) WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/28/2018	Gray	3%	97%	None Detected	

Client Sample ID: MON-0927-07-Skim Coat Lab Sample ID: 031826767-0007

Sample Description: EXIT 11 2ND FL SOUTH WALL - WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	

Client Sample ID: MON-0927-07-Rough Coat Lab Sample ID: 031826767-0007A

Sample Description: EXIT 11 2ND FL SOUTH WALL - WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	Gray	0%	100%	<1% Chrysotile	

Client Sample ID: MON-0927-08-Skim Coat Lab Sample ID: 031826767-0008

Sample Description: EXIT 11 1ST FL NORTH - WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	





# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826767  
Customer ID: DETA50  
Customer PO: CC 013001  
Project ID:

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

Client Sample ID: MON-0927-08-Rough Coat

Lab Sample ID: 031826767-0008A

Sample Description: EXIT 11 1ST FL NORTH - WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	Brown	0%	100%	<1% Chrysotile	

Client Sample ID: MON-0927-09-Skim Coat

Lab Sample ID: 031826767-0009

Sample Description: EXIT 11 2ND FL NORTH - WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/28/2018	White	0%	100%	None Detected	

Client Sample ID: MON-0927-09-Rough Coat

Lab Sample ID: 031826767-0009A

Sample Description: EXIT 11 2ND FL NORTH - WALL PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/28/2018	Gray	2%	98%	<1% Chrysotile	

Client Sample ID: MON-0927-10-Skim Coat

Lab Sample ID: 031826767-0010

Sample Description: EXIT 11 1ST FL - CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	

Client Sample ID: MON-0927-10-Rough Coat

Lab Sample ID: 031826767-0010A

Sample Description: EXIT 11 1ST FL - CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	Brown	0%	98%	2% Chrysotile	

Client Sample ID: MON-0927-11

Lab Sample ID: 031826767-0011

Sample Description: EXIT 11 INTERN, 2'S 3RD FLOORS HANGERS - CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	

Client Sample ID: MON-0927-12

Lab Sample ID: 031826767-0012

Sample Description: EXIT 10 2ND FL. - CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	

Client Sample ID: MON-0927-13-Skim Coat

Lab Sample ID: 031826767-0013

Sample Description: EXIT 10 INTERN 132 NO FLOORS - CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	White	0%	100%	None Detected	





# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826767  
Customer ID: DETA50  
Customer PO: CC 013001  
Project ID:

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

<b>Client Sample ID:</b> MON-0927-13-Rough Coat		<b>Lab Sample ID:</b> 031826767-0013A				
<b>Sample Description:</b> EXIT 10 INTERN 132 NO FLOORS - CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/27/2018	Brown	0%	100%	<1% Chrysotile	
<b>Client Sample ID:</b> MON-0927-14-Skim Coat		<b>Lab Sample ID:</b> 031826767-0014				
<b>Sample Description:</b> EXIT 10 1ST FL - CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/28/2018	White	0%	100%	None Detected	
<b>Client Sample ID:</b> MON-0927-14-Rough Coat		<b>Lab Sample ID:</b> 031826767-0014A				
<b>Sample Description:</b> EXIT 10 1ST FL - CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/28/2018	Gray	0%	98%	2% Chrysotile	
<b>Client Sample ID:</b> MON-0927-15-Skim Coat		<b>Lab Sample ID:</b> 031826767-0015				
<b>Sample Description:</b> EXIT 10 INTERN GR 1ST FLOOR - CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/27/2018	White	0%	100%	None Detected	Inseparable paint / coating layer included in analysis
<b>Client Sample ID:</b> MON-0927-15-Rough Coat		<b>Lab Sample ID:</b> 031826767-0015A				
<b>Sample Description:</b> EXIT 10 INTERN GR 1ST FLOOR - CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/27/2018	Brown	0%	100%	<1% Chrysotile	
<b>Client Sample ID:</b> MON-0927-16-Skim Coat		<b>Lab Sample ID:</b> 031826767-0016				
<b>Sample Description:</b> EXIT 10 GROUND FL CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/27/2018	White	0%	100%	None Detected	
<b>Client Sample ID:</b> MON-0927-16-Rough Coat		<b>Lab Sample ID:</b> 031826767-0016A				
<b>Sample Description:</b> EXIT 10 GROUND FL CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/27/2018	Brown	0%	100%	<1% Chrysotile	
<b>Client Sample ID:</b> MON-0927-17-Skim Coat		<b>Lab Sample ID:</b> 031826767-0017				
<b>Sample Description:</b> EXIT 11 INTERN 1ST & 2ND FL CEILING PLASTER						
<b>TEST</b>	<b>Analyzed Date</b>	<b>Color</b>	<b>Non-Asbestos</b>		<b>Asbestos</b>	<b>Comment</b>
			<b>Fibrous</b>	<b>Non-Fibrous</b>		
PLM	09/27/2018	White	0%	100%	None Detected	



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
<http://www.EMSL.com> / [manhattanlab@emsl.com](mailto:manhattanlab@emsl.com)

EMSL Order ID: 031826767  
Customer ID: DETA50  
Customer PO: CC 013001  
Project ID:

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

**Client Sample ID:** MON-0927-17-Rough Coat **Lab Sample ID:** 031826767-0017A

**Sample Description:** EXIT 11 INTERN 1ST & 2ND FL CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/27/2018	Gray	0%	98%	2% Chrysotile	

**Client Sample ID:** MON-0927-18-Skim Coat **Lab Sample ID:** 031826767-0018

**Sample Description:** EXIT 11 GROUND FL - CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/28/2018	White	0%	100%	None Detected	

**Client Sample ID:** MON-0927-18-Rough Coat **Lab Sample ID:** 031826767-0018A

**Sample Description:** EXIT 11 GROUND FL - CEILING PLASTER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	09/28/2018	Gray	0%	98%	2% Chrysotile	



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Phone/Fax: (212) 290-0051 / (212) 290-0058  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031826767  
Customer ID: DETA50  
Customer PO: CC 013001  
Project ID:

Attn: Stephen Jaraczewski  
Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632  
Proj: NJ18.5063

Phone: (201) 569-6708  
Fax: (201) 569-4378  
Collected: 9/27/2018  
Received: 9/27/2018  
Analyzed: 9/28/2018

The samples in this report were submitted for asbestos bulk analysis. The reference number for these samples is the Order ID above. Please use this reference number when calling about these samples.

Sample Receipt Date: 09/27/2018  
Analysis Completed Date: 09/28/2018

Sample Receipt Time: 3:21 pm  
Analysis Completed Time: 1:02 am

**Analyst(s):**

Ghaly Hemaya PLM (24)

Shahrakur Mahmud PLM (10)

**Reviewed and approved by:**

James Hall, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs.

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC-IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MAAA000170



CHAIN OF CUSTODY  
 For  
 Laboratory Analytical Service

031826767

Submitral Date: 09/27/18 Client Job No. NJ 18 5663 Laboratory Job No. \_\_\_\_\_

P.O. No. \_\_\_\_\_

SEND INVOICE TO:

Name: \_\_\_\_\_ Company: Detail Associates, Inc. Dept: \_\_\_\_\_

Address: 560 Sylvan Avenue / Suite 3065

City, State, Zip: \_\_\_\_\_ Englewood Cliffs, NJ 07632

REPORT RESULTS TO:

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Telephone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

Field Sheet Attached:  Yes  No Date Verbal Results are Required: BAH2 TRS Date Written Report Requested: \_\_\_\_\_ Rush Charges Authorized?  Yes  No

SAMPLE DATA

Client Sample No.	Date Sampled	Sample Description	Volume (Specify Units)	Type of Analysis Requested	Receiving Condition
<u>NJ 18 5663 - 11</u>	<u>09/27/18</u>	<u>Exit 10 Inform. 253rd Hoops Hangar - Ceiling Plaster</u>			<u>PLM</u>
<u>12</u>		<u>Exit 10 Inform. 132nd Hoops - Ceiling Plaster</u>			
<u>13</u>		<u>Exit 10 Inform. 132nd Hoops - Ceiling Plaster</u>			
<u>14</u>		<u>Exit 10 1st Fl. - Ceiling Plaster</u>			
<u>15</u>		<u>Exit 10 Inform. 1st Fl. - Ceiling Plaster</u>			
<u>16</u>		<u>Exit 10 Ground Fl. - Ceiling Plaster</u>			
<u>17</u>		<u>Exit 11 - Inform. 1st Fl. - Ceiling Plaster</u>			
<u>NJ 18 5663 - 18</u>	<u>09/27/18</u>	<u>Exit 11 Ground Fl. - Ceiling Plaster</u>			<u>PLM</u>

Special Instructions (Method, Type of Detection, Rush Analysis, etc.)

Relinquished by: [Signature] Date/Time: 09/27/18

Received by: [Signature] Date/Time: 9/27/18

Analyzed by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Results Reported to: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: \_\_\_\_\_

Authorized by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

(Client Signature Must Accompany Request)

Detail Associates, Inc.  
560 Sylvan Avenue / Suite 3065  
Englewood Cliffs NJ 07632

'631

CHAIN OF CUSTODY  
For  
Laboratory Analytical Service

# 6130

031826767

Submittal Date: 09/27/18	Client Job No. NJ 18 5063	Laboratory Job No.
P.O. No.	Name	Company
SEND INVOICE TO:	Company: Detail Associates, Inc.	Dept
	Address: 560 Sylvan Avenue / Suite 3065	Mailing Address
	City, State, Zip: Englewood Cliffs, NJ 07632	City, State, Zip
		Telephone No.
		Fax No.
REPORT RESULTS TO:		

Field Sheet Attached:  Yes  No

Date Verbal Results are Required: 12/18/18

Date Written Report Requested:

Rush Charges Authorized?  Yes  No


SAMPLE DATA

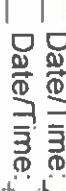
Client Sample No.	Date Sampled	Sample Description	Volume (Specify Units)	Type of Analysis Requested	Receiving Condition
MON 0927-01	09/27/18	Exit 10 1st fl. (E) - Wnu Partner		PVA (6P)	
		Exit 10 1st fl. (W) - Wnu Partner			
		Exit 10 1st fl. (W) - Wnu Partner			
		Interm. bet 1st & 2nd fl. Exit 10 (E) Wnu Partner			
		Exit 10 2nd fl. (W) Wnu Partner			
		Interm. bet 2nd & 3rd fl. Exit 10 (W) Wnu Partner			
		Exit 11 2nd fl. South Wnu - Wnu Partner			
		Exit 11 1st fl. North - Wnu Partner			
		Exit 11 2nd fl. North - Wnu Partner			
MON 0927-10	09/27/18	Exit 11 1st fl. - CEILING PARTNER		PVA	

Special Instructions (Method, Limit of Detection, Rush Analysis, etc.)

Relinquished by:  Date/Time: 09/27/18

Received by: Kelsen Sorenson Date/Time: 9/27/18

Analyzed by:  Date/Time: 9/27/18

Results Reported to:  Date/Time: 9/27/18

Comments:

Authorized by:  Date/Time:   
 (Client Signature Must Accompany Request)

 9/28/18 1:57am



Montclair Board of Education

---

**Air Quality Report– Stair Tower #11**  
(Park Street)







# **DETAIL ASSOCIATES, INC.**

ENVIRONMENTAL ENGINEERING CONSULTANTS

---

October 1, 2018

Mr. John Eschmann  
Montclair Board of Education  
22 Valley Road  
Montclair, New Jersey 07042

Re: **Background Air Testing – Project #NJ18-5065**  
**High School, 100 Chestnut St., Montclair, NJ**  
**Stairway #11 – Ground Floor – 3<sup>rd</sup> Floor**

Dear Mr. Eschmann:

Thank you for using the professional services of Detail Associates, Inc. Enclosed are the analytical results for the airborne asbestos sampling conducted at the above referenced school on September 29, 2018.

The air monitoring was completed in accordance with the asbestos regulations of the state of New Jersey and the Environmental Protection Agency (EPA). The background air samples from the Exit 11 Stairway 3<sup>rd</sup> floor landing, 2<sup>nd</sup> floor landing, intermediate area between the 1<sup>st</sup> and 2<sup>nd</sup> floor, the 1<sup>st</sup> floor landing, and the ground floor landing. The samples were forwarded to EMSL and were examined by Transmission Electron Microscopy (TEM) using the EPA analytical method, were found to meet the EPA standard of less than 70 structures per millimeter squared.

The Certificate of Analysis and EMSL Analytical results are attached. Should you have any questions, please feel free to contact this office at your convenience.

Sincerely,  
**DETAIL ASSOCIATES, INC.**

*Anthony Valentine*

Anthony Valentine  
Senior Project Manager  
AV/fjg  
Enclosure

560 SYLVAN AVENUE/SUITE 3065, ENGLEWOOD CLIFFS, NEW JERSEY 07632  
TEL: (201) 569-6708 FAX: (201) 569-4378 WORLDWIDE WEB: <http://www.daienviro.com>  
E MAIL: [stephenj@daienviro.com](mailto:stephenj@daienviro.com)

EUROPE      NORTH AMERICA      ASIA

DETAIL ASSOCIATES, INC.  
 300 Grand Avenue  
 Englewood, NJ 07631  
 (201) 369-6708

# CERTIFICATE OF ANALYSIS

## Summary of Analytical Results

Client: Montclair Board of Education  
 Address: 22 Valley Road  
 Montclair, NJ 07042

Project No: NJ185065  
 Location: High School  
 100 Chestnut Street  
 Montclair, NJ 07042  
 Analyte: Airborne Asbestos

Chain of Custody: 6133  
 Project Manager: Anthony Valentine  
 Report Date: 9/30/2018

Sample No	Sample Date	Sample Volume	Detection Limit	Result / Concentration	Sample Location	Special Comments
MON-0929-01	9/29/2018	1,200 L	0.0645 s/mm2	<16.00 s/mm2	Exit #11 - Stairway - 3rd Floor Landing	None Detected
MON-0929-02	9/29/2018	1,200 L	0.0645 s/mm2	<16.00 s/mm2	Exit #11 - Stairway - 2nd Floor Landing	None Detected
MON0929-03	9/29/2018	1,200 L	0.0645 s/mm2	31.00 s/mm2	Exit #11 - Stairway - Intermediate Between 1st & 2nd Floor	Chrysotile
MON-0929-04	9/29/2018	1,200 L	0.0645 s/mm2	<16.00 s/mm2	Exit #11 - Stairway - Ground Floor Landing	None Detected

Analyte: Airborne Asbestos  
 Methodology: EPA: 40 CFR Part 763  
 Recommended Standards: EPA: <70.0 s/mm2



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
Tel/Fax: (212) 290-0051 /  
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 031827019  
Customer ID: DETA50  
Customer PO: CC.094115  
Project ID:

**Attention:** S. Jaraczewski  
Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632  
**Project:** NJ18.5065/ EXIT #11 - STAIRWAY

**Phone:** (201) 569-6708  
**Fax:** (201) 569-4378  
**Received Date:** 09/29/2018 13:06 PM  
**Analysis Date:** 09/30/2018  
**Collected Date:** 09/29/2018

## Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Type(s)	#Structures ≥0.5μ < 5μ	≥5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm <sup>2</sup> )	(S/cc)
MON0929-01 031827019-0001	3RD FL LANDING	1200.00	0.0645	0	None Detected	0	0	0.0050	<16.00	<0.0050
MON0929-02 031827019-0002	2ND FL LANDING	1200.00	0.0645	0	None Detected	0	0	0.0050	<16.00	<0.0050
MON0929-03 031827019-0003	INTERMEDIATE DCT 1ST, 2ND FL	1200.00	0.0645	0	Chrysotile	2	0	0.0050	31.00	0.0099
MON0929-04 031827019-0004	1ST FL LANDING	1200.00	0.0645	0	None Detected	0	0	0.0050	<16.00	<0.0050
MON0929-05 031827019-0005	GROUND FL LANDING	1200.00	0.0645	0	None Detected	0	0	0.0050	<16.00	<0.0050

Analyst(s)

Muhsin Parson (5)

James Hall, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. 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. Interpretation and use of test results are the responsibility of the client. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in both structures/cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel are not the responsibility of EMSL and are not covered by the laboratory's NVLAP accreditation. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

Samples analyzed by EMSL Analytical, Inc. New York, NY NVLAP Lab Code 101048-9, AIHA-LAP, LLC-IHLAP Accredited #102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 09/30/2018 14:17 PM

LABOR ASSOCIATES, INC.  
560 Sylvan Avenue / Suite 3065  
Englewood Cliffs NJ 07632

631

CHAIN OF CUSTODY  
For  
Laboratory Analytical Service

#: 6133

03/827019

Submittal Date: 09/29/18		Laboratory Job No.	
P.O. No.		Client Job No. NJ 18. 5065	
Name		Company	
Company: Detail Associates, Inc.		Mailing Address	
Address: 560 Sylvan Avenue / Suite 3065		City, State, Zip	
City, State, Zip: Englewood Cliffs, NJ 07632		Telephone No.	
Fax No.		RESULTS TO:	

Field Sheet Attached:  Yes  No

Date Verbal Results are Required:  Yes  No

Date Written Report Requested:  Yes  No

Rush Charges Authorized?  Yes  No

EX-IT # 11 - STREETWAY SAMPLE DATA

Client Sample No.	Date Sampled	Sample Description	Volume (Specify Units)	Type of Analysis Requested	Receiving Condition
MON 0929-01	09/29/18	3RD FL. Landing	1200	T.E.M	
02		2ND FL. Landing			
03		INTERMEDIATE FL. Landing			
04		1ST FL. Landing			
MON 0929-05	09/29/18	GROUND FL. Landing	1200	T.E.M	

Special Instructions (Method, Limit of Detection, Rush Analysis, etc.)

Received by: *[Signature]* Date/Time: 9/29/18 1:06 PM

Analyzed by: *[Signature]* Date/Time: \_\_\_\_\_

Results Reported to: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: \_\_\_\_\_

Relinquished by: *[Signature]* Date/Time: 09/29/18

Method of Shipment: \_\_\_\_\_

Authorized by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

(Client Signature Must Accompany Request)



Montclair Board of Education

---

**Air Quality Report – Stair Tower #8**  
(Midland Street)





# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

Tel/Fax: (212) 290-0051 /

http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 031827210

Customer ID: DETA50

Customer PO: CC 03592308

Project ID:

**Attention:** Stephen Jaraczewski  
Detail Associates, Inc.  
560 Sylvan Avenue  
Suite 3065  
Englewood Cliffs, NJ 07632

**Phone:** (201) 569-6708

**Fax:** (201) 569-4378

**Received Date:** 10/02/2018 13:28 PM

**Analysis Date:** 10/02/2018

**Collected Date:** 10/02/2018

**Project:** NJ18.5067

## Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )		Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
							≥0.5μ < 5μ	≥5μ		(S/mm <sup>2</sup> )	(S/cc)
MON1002-01 031827210-0001	3RD FLOOR LANDING	1300.00				Overloaded					N/A
MON1002-02 031827210-0002	INTERMEDIARY BETWEEN 2ND & 3RD FL	1300.00				Overloaded					N/A
MON1002-03 031827210-0003	2ND FLOOR LANDING	1300.00				Overloaded					N/A
MON1002-04 031827210-0004	INTERMEDIARY BET 1ST & 2ND FL	1300.00	0.0645	0	0	None Detected	0	0	0.0046	<16.00	<0.0046
MON1002-05 031827210-0005	1ST FLOOR LANDING	1300.00	0.0645	0	0	None Detected	0	0	0.0046	<16.00	<0.0046

Analyst(s)

Isaac Mendez (2)

James Hall, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. 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. Interpretation and use of test results are the responsibility of the client. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in both structures/cm3 and structures/mm2 are dependent on the volume of air sampled and measured by non-laboratory personnel are not the responsibility of EMSL and are not covered by the laboratory's NVLAP accreditation. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

Samples analyzed by EMSL Analytical, Inc. New York, NY NVLAP Lab Code 101048-9, AIHA-LAP, LLC-IHLAP Accredited #102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 10/02/2018 23:44 PM

Printed: 10/2/2018 11:44:22PM

