NYC 9/11 Public Portal Document

COLDEN
CORPORATION
Occupational Health, Safety &
Environmental Consultants

February 25, 2002

Mr. R. Radhakrishnan, P.E.
New York City Department of Environmental Protection
Director, Asbestos Control Program
59-16 Junction Boulevard
Corona, NY 11368-5107
Via Fax: 718.595.4422

Re: Pace University Property
106 Fulton Street, NY, NY

Dear Mr. Radhakrishnan,

Thank you for taking the time to talk with me on February 19, 2002 regarding your letter of February 17, 2002 (attached) that was issued to our client, Pace University. As I mentioned, the 106 Fulton Street building has been unoccupied since before September 11, 2001.

In response to your February 17th letter and in accordance with our conversation of February 19th, on February 19th a Colden Corporation NYC licensed asbestos investigator conducted a visual review of the exterior of 106 Fulton Street and collected ten bulk samples of dust from exterior surfaces. Samples were analyzed by Scientific Laboratories using Polarized Light Microscopy (PLM). Scientific Laboratories is an AIHA accredited and ELAP certified laboratory. A summary of the surfaces sampled and corresponding analytical results are presented below.

Sample ID	Surface sampled	Asbestos content in dust
# 106-1	Roof – NW corner on parapet wall	< 1 %
# 106-2	13th floor exterior window ledge	< 1 %
# 106-3	8th floor exterior window ledge	< 1 %
# 106-4	8th floor exterior window ledge	< 1 %
# 106-5	2nd floor exterior window ledge	< 1 %
# 106-6	Top of exterior construction elevator car	< 1 %
# 106-7	15th floor exterior construction bridge	< 1 %
# 106-8	10th floor exterior construction bridge	< 1 %
# 106-9	7th floor exterior construction bridge	< 1 %
# 106-10	4th floor exterior construction bridge	< 1 %

All sample analysis results are less than one-percent asbestos. Laboratory reports, chain of custody records and field data sheets in support of this data are attached.

It is our understanding that the City requires the building owner to remove accumulations of dust from exterior building surfaces. And, that asbestos handler licenses are not required for cleaning non-ACM dust, including dust reported to contain less than one-percent or trace asbestos as detected under PLM.

Robert Morris Building • 100 North 17th Street, 9th Floor • Philadelphia, PA 19103
Tel 215 496 9237 • Fax 215 496 9280 • Toll Free 800 586 5580 • www.colden.com

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NYC DEP
R. Radhakrishnan
2/25/02

Pace University is in the process of developing specifications for cleaning of the building exterior. The intent is to retain a cleaning contractor (not an asbestos contractor) to remove the dust from the exterior building surfaces. Wet methods will be used by the cleaning contractor.

Based on our conversation, it is my understanding that bulk sampling for dust inside the building is not required because the 106 Fulton Street Property was not physically damaged as a result of the 9/11 incidents; bulk debris resulting from the collapse of the World Trade Center is not visible inside the building; and the building's physical barriers (windows, doors, walls, roof) were not broken as a result of the Trade Center collapse.

It is the intent of Pace University to be in exact conformance with the Department of Environmental Protection's requirements and requests related to this matter. Therefore, please contact me at 215.496.9237 if any additional action is required in response to the subject letter.

Thank you for your time and consideration.

Sincerely,
Colden Corporation

David R. de Lalla
President

Attachments: 1. NYCDEP Letter Re: 106 Fulton Street (1 page)
2. Laboratory report, chain of custody records, field data sheets (6 pages)

cc: Pace University: S. Brodsky, D. MacDougall, W. Link, S. Irvine

CITY_21MC100_011065384

NYC-WTC_000417870

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COLDEN 215-496-9280

February 17, 2002

The City of New York

Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York
11368-5107

Joel A. Miele Sr., P.E.
Commissioner

Robert C. Avaltroni
Deputy Commissioner
Bureau of Environmental Compliance
Tel (718) 595-4418
Fax (718) 595-4422

Building Owner Name: _____

Address: 106 Fulton St NYC

Subject: _____

Dear Sir/Madam:

In September 2001, the New York City Department of Environmental Protection (NYCDEP) and the Department of Health (NYCDOH) advised building owners regarding building maintenance and re-occupancy issues following the collapse of the World Trade Center. The steps included the assessment of building contamination for possible hazardous components, including asbestos.

Today, a visual survey of your building's exterior was conducted as a follow up to DEP's October survey of buildings around the World Trade Center site. At the above referenced site, visible dust accumulations were observed at:

- [X] building facade(s)
- [ ] setback(s)
- [X] roof
- [ ] other, _____

Please be advised building owners are responsible for the cleaning of building exteriors, grounds and common areas. Due to changing conditions and continued activity at Ground Zero, building owners should periodically assess the condition of building exteriors and air conditioning systems for cleanliness and may have to periodically re-clean areas. Adherence to proper cleaning methods is important for the protection of public health and the environment. DEP inspectors will be following up on this matter.

Please provide information regarding your actions to address the dust accumulations by February 27, 2002. Copies of the environmental hazard assessments including bulk sample results, air monitoring results and/or a summary of clean-up activities at the above-referenced site may be faxed to (718) 595-3744 or sent to the NYCDEP Asbestos Control Program at 59-17 Junction Boulevard, 8th floor, Corona, New York 11373-5108.

If you have any questions, you may reach the NYCDEP at (718) 595-3682 during office hours or the 24-hour Help Center at (718) DEP-HELP. NYCDEP staff is available to provide guidance and technical assistance.

Sincerely,

R. Radhakrishnan, P.E.
Director
Asbestos Control Program

DEP

Mr G. Rissler

09690

NYC-WTC_000417871

NYC 9/11 Public Portal Document

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCIENTIFIC LABORATORIES, INC.
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

Colden Corporation
Attn: David DeLalla
Robert Morris Building
100 North 17th St. 9th Fl.
Philadelphia, PA 19103

Date Received 02/19/2002 **SciLab Job No.** 202022855
Date Examined 02/19/2002 **P.O. #** 01220
Page 1 **of** 3
RE: 01220; Pace University; 106 Fulton Street, NY, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
#106-1	202022855-01	*Yes*	<1.% [2, 1]

Location: Roof NW Corner, On Parapet Wall Off Piece of Wood

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 8. %, Fibrous glass 40. %, Synthetic fibers 3. %, Non-fibrous >47. %

#106-2	202022855-02	*Yes*	<1.% [2, 1]

Location: 13th Floor-NE, Apartment #1303, Outside on A/C Window Unit

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile Trace
Other Material: Animal hair Trace, Cellulose 3. %, Fibrous glass 40. %, Synthetic fibers Trace, Non-fibrous 57. %

#106-3	202022855-03	*Yes*	<1.% [2, 1]

Location: 8th Floor-NE Apartment #803, Outside on A/C Window Unit

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 8. %, Fibrous glass 35. %, Synthetic fibers 1. %, Non-fibrous >54. %

#106-4	202022855-04	*Yes*	<1.% [2, 1]

Location: 8th Floor-NW Apartment #801, Outside on A/C Window Unit

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair Trace, Cellulose 7. %, Fibrous glass 35. %, Synthetic fibers 1. %, Non-fibrous >56. %

CITY_21MC100_011065386

NYC-WTC_000417872

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PLM Bulk Asbestos Report

Colden Corporation
Attn: David DeLalla
Robert Morris Building
100 North 17th St. 9th Fl.
Philadelphia, PA 19103

Date Received 02/19/2002 **SciLab Job No.** 202022855
Date Examined 02/19/2002 **P.O. #** 01220

RE: 01220; Pace University; 106 Fulton Street, NY, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
#106-5	202022855-05	*Yes*	<1.% [2, 1]

Location: 2nd Floor-On NE Window Ledge

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile Trace
Other Material: Animal hair Trace, Cellulose 3. %, Fibrous glass 35. %, Synthetic fibers Trace, Non-fibrous 62. %

#106-6	202022855-06	*Yes*	<1.% [2, 1]

Location: From Top of Construction Elevator Car

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 14. %, Fibrous glass 25. %, Synthetic fibers 2. %, Non-fibrous >57. %

#106-7	202022855-07	*Yes*	<1.% [2, 1]

Location: 15th Floor-From "Bridge" Structure: Off Wood Framing of Fall Protection Walls

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair Trace, Cellulose 7. %, Fibrous glass 30. %, Synthetic fibers 1. %, Non-fibrous >61. %

#106-8	202022855-08	*Yes*	<1.% [2, 1]

Location: 10th Floor-From "Bridge" Structure: Off Floor Planking Closest to Building Facade

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 6. %, Fibrous glass 30. %, Synthetic fibers 2. %, Non-fibrous >60. %

212 679 9392 P.01/05 SCIENTIFIC LABS FEB-19-2002 17:01 09692
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NYC-WTC_000417873

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NEW YORK, NY 10016
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PLM Bulk Asbestos Report

Colden Corporation
Attn: David DeLalla
Robert Morris Building
100 North 17th St. 9th Fl.
Philadelphia, PA 19103

Date Received 02/19/2002 **SciLab Job No.** 202022855
Date Examined 02/19/2002 **P.O.#** 01220
Page 3 **of** 3
RE: 01220; Pace University; 105 Fulton Street, NY, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
#106-9	202022855-09	*Yes*	<1. %[2, 1]

Location: *7th Floor-From "Bridge" Structure: Off Wood Framing of Fall Protection Walls*

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 6. %, Fibrous glass 30. %, Synthetic fibers 1. %, Non-fibrous >61. %

#106-10	202022855-10	*Yes*	<1. %[2, 1]

Location: 4th Floor-From "Bridge" Structure: Off Wood Framing of Fall Protection Walls

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair Trace, Cellulose 8. %, Fibrous glass 30. %, Synthetic fibers 1. %, Non-fibrous >60. %

Reporting Notes:

(1) Positive samples (<10%) analyzed by EPA Point Count Method (400 points).

(2) Composite analysis results for heterogenous debris samples may be highly variable due to inhomogenities in materials present

Analyzed by: Bella Chernis

NAD/NSD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed / positive stop. PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200546-0) and ELAP PLM Analysis Protocol 198.1 for New York samples (NYSDOH ELAP Lab # 11480). Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. AIHA# 102843; VT Cert# AL016055

Reviewed By:

NYC-WTC_000417874

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Labs Series
660 ... Road
P... NY 13057
Tel: (315) 437-7252 888-577-Labs (5227)
Fax: (315) 437-0571

Request For Industrial Hygiene Analysis

Company Name: Colden Corporation
Site Name: PACE University - #106 Fulton St., NYC
Sampled By: H.R. Van Deusen | Project #: 01220

Send Report to: Rye Van Deusen (COLDEN)
170 Longdean Rd.
Fairfield, CT 06430-6551

Invoice to: COLDEN Corporation
100 N. 17th Street 9th Fl.
Philadelphia, PA

☐ Purchase order number
(or)
☐ Credit Card (type) X Card # X Exp Date
☐ Verbal Authorization

☐ Standard Turn-Around Time OR ☒ Rush: Date and Time Requested: Immediate TAT am pm

☒ Phone Results to: Rye Van Deusen Phone # (203) - 545 - 7525 ext.
☒ Fax Results to: Rye Van Deusen Fax # (208) - 692 - 6051
☒ ~~Email~~ Fax Results to: David de Lalla Fax # 215 - 496 - 9280

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
#106-1	2-19-02	BULK DUST	N/A	PLM	—
#106-2					
#106-3					
#106-4					
#106-5					
#106-6					
#106-7					
#106-8					
#106-9					
#106-10					

202022855

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): * See Attached for Sample Locations *

* CALL W/Verbal Results ASAP *

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	Hobart R. Van Deusen	[signature]	2-19-02
Received by LAB	C. DAVID	[signature]	2/19-02 16:00

Samples received after 3pm will be considered as next day's business.

LAB COPY

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106 Fulton Street

202024855

2-19-02

SAMPLES

SAMPLE LOCATION:

1. #106-1 - Roof - NW. Corner - on Parapet Wall off piece of Wood.
2. #106-2 - 13th Floor - N.E. Apt. #1303 - outside - on A/C Window Unit
3. #106-3 - 8th Floor - N.E. Apt. #803: - outside - on A/C Window Unit
4. #106-4 - 8th Floor - N.W Apt # 801; - outside - on A/C Window Unit
5. #106-5 - 2nd Floor - on N.E Window Ledg.

CITY_21MC100_011065390

NYC-WTC_000417876

NYC 9/11 Public Portal Document

ft. 106 fulton st.

2-19-02

SAMPLES:

202022855

SAMPLE Location:

(6) #106-6 - from Top of construction Elevator car

(7) #106-7 - 15th Floor - from "Bridge" structure:
- off wood framing of fall protection walls

(8) #106-8 → 10th Floor from "Bridge" structure:
- off Floor planking closest to Bldg. facade

(9) #106-9 - 7th floor - from "Bridge" structure:
- off wood framing of fall protection walls

(10) #106-10 - 4th floor - from "Bridge" structure:
- off wood framing of fall protection walls

CITY_21MC100_011065391

NYC-WTC_000417877

NYC 9/11 Public Portal Document

COLDEN CORPORATION
Occupational Health, Safety & Environmental Consultants

Fax Transmittal

To: Mr. R. RADHAKRISHNAN, P.E. Date: 2-26-02

Fax: 718-595-4422

From: Joyce A. Foley

Phone: (215) 496-9237 Fax: (215) 496-9280

Re: Pacific Investment Property - 106 Fulton St NY, NY

Total pages including cover: 10

Robert Morris Building . 100 North 17th Street, 9th Floor . Philadelphia, PA 19103
Tel 215 496 9237 . Fax 215 496 9280 . Toll Free 800 586 5580 . www.colden.com

09697

NYC-WTC_000417878

NYC 9/11 Public Portal Document

COLDEN CORPORATION

Occupational Health, Safety & Environmental Consultants

February 25, 2002

Mr. R. Radhakrishnan, P.E.
New York City Department of Environmental Protection
Director, Asbestos Control Program
59-16 Junction Boulevard
Corona, NY 11368-5107
Via Fax: 718.595.4422

Re: Pace University Property
106 Fulton Street, NY, NY

Dear Mr. Radhakrishnan,

Thank you for taking the time to talk with me on February 19, 2002 regarding your letter of February 17, 2002 (attached) that was issued to our client, Pace University. As I mentioned, the 106 Fulton Street building has been unoccupied since before September 11, 2001.

In response to your February 17th letter and in accordance with our conversation of February 19th, on February 19th a Colden Corporation NYC licensed asbestos investigator conducted a visual review of the exterior of 106 Fulton Street and collected ten bulk samples of dust from exterior surfaces. Samples were analyzed by Scientific Laboratories using Polarized Light Microscopy (PLM). Scientific Laboratories is an AIHA accredited and ELAP certified laboratory. A summary of the surfaces sampled and corresponding analytical results are presented below.

Sample ID	Surface sampled	Asbestos content in dust
# 106-1	Roof – NW corner on parapet wall	< 1 %
# 106-2	13th floor exterior window ledge	< 1 %
# 106-3	8th floor exterior window ledge	< 1 %
# 106-4	8th floor exterior window ledge	< 1 %
# 106-5	2nd floor exterior window ledge	< 1 %
# 106-6	Top of exterior construction elevator car	< 1 %
# 106-7	15th floor exterior construction bridge	< 1 %
# 106-8	10th floor exterior construction bridge	< 1 %
# 106-9	7th floor exterior construction bridge	< 1 %
# 106-10	4th floor exterior construction bridge	< 1 %

All sample analysis results are less than one-percent asbestos. Laboratory reports, chain of custody records and field data sheets in support of this data are attached.

It is our understanding that the City requires the building owner to remove accumulations of dust from exterior building surfaces. And, that asbestos handler licenses are not required for cleaning non-ACM dust, including dust reported to contain less than one-percent or trace asbestos as detected under PLM.

Robert Morris Building • 100 North 17th Street, 9th Floor • Philadelphia, PA 19103
Tel 215.496.9237 • Fax 215.496.9280 • Toll Free 800.586.5580 • www.colden.com

CITY_21MC100_011065393

NYC-WTC_000417879

NYC 9/11 Public Portal Document

NYC DEP
R. Radhakrishnan
2/25/02

Pace University is in the process of developing specifications for cleaning of the building exterior. The intent is to retain a cleaning contractor (not an asbestos contractor) to remove the dust from the exterior building surfaces. Wet methods will be used by the cleaning contractor.

Based on our conversation, it is my understanding that bulk sampling for dust inside the building is not required because the 106 Fulton Street Property was not physically damaged as a result of the 9/11 incidents; bulk debris resulting from the collapse of the World Trade Center is not visible inside the building; and the building's physical barriers (windows, doors, walls, roof) were not broken as a result of the Trade Center collapse.

It is the intent of Pace University to be in exact conformance with the Department of Environmental Protection's requirements and requests related to this matter. Therefore, please contact me at 215.496.9237 if any additional action is required in response to the subject letter.

Thank you for your time and consideration.

Sincerely,
Colden Corporation

David R. de Lalla
President

Attachments: 1. NYCDEP Letter Re: 106 Fulton Street (1 page)
2. Laboratory report, chain of custody records, field data sheets (6 pages)

cc: Pace University: S. Brodsky, D. MacDougall, W. Link, S. Irvine

NYC-WTC_000417880

NYC 9/11 Public Portal Document

COLDEN 215-496-9280

February 17, 2002

The City of New York
Department of Environmental Protection

59-17 Junction Boulevard
Corona, New York
11368-5107

Joel A. Miele Sr., P.E.
Commissioner

Robert C. Avolgent
Deputy Commissioner

Bureau of
Environmental Compliance
Tel (718) 595-4418
Fax (718) 595-4422

Building Owner Name:

Address: 106 Fulton St NYC

Subject: _____

Dear Sir/Madam:

In September 2001, the New York City Department of Environmental Protection (NYCDEP) and the Department of Health (NYCDOH) advised building owners regarding building maintenance and re-occupancy issues following the collapse of the World Trade Center. The steps included the assessment of building contamination for possible hazardous components, including asbestos.

Today, a visual survey of your building's exterior was conducted as a follow up to DEP's October survey of buildings around the World Trade Center site. At the above referenced site, visible dust accumulations were observed at:

- [X] building facade(s)
- [ ] setback(s)
- [X] roof
- [ ] other; _____

Please be advised building owners are responsible for the cleaning of building exteriors, grounds and common areas. Due to changing conditions and continued activity at Ground Zero, building owners should periodically assess the condition of building exteriors and air conditioning systems for cleanliness and may have to periodically re-clean areas. Adherence to proper cleaning methods is important for the protection of public health and the environment. DEP inspectors will be following up on this matter.

Please provide information regarding your actions to address the dust accumulations by February 27, 2002. Copies of the environmental hazard assessments including bulk sample results, air monitoring results and/or a summary of clean-up activities at the above-referenced site may be faxed to (718) 595-3744 or sent to the NYCDEP Asbestos Control Program at 59-17 Junction Boulevard, 8th floor, Corona, New York 11373-5108

If you have any questions, you may reach the NYCDEP at (718) 595-3682 during office hours or the 24-hour Help Center at (718) DEP-HELP. NYCDEP staff is available to provide guidance and technical assistance.

Sincerely,

R. Radhakrishnan, P.E.
Director
Asbestos Control Program

DEP

Mr. G. Rissler

09700

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SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES
SCIENTIFIC LABORATORIES, INC.
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-9600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

Colden Corporation
Attn: David DeLalla
Robert Morris Building
100 North 17th St. 9th Fl.
Philadelphia, PA 19103

Date Received 02/19/2002 **SciLab Job No.** 202022855
Date Examined 02/19/2002 **P.O. #** 01220
Page 1 **of** 3
RE: 01220; Pace University; 106 Fulton Street, NY, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
#106-1	202022855-01	*Yes*	<1.% [2, 1]

Location: Roof-NW Corner, On Parapet Wall Off Piece of Wood
Description: Grey, Heterogeneous, Bulk Dust
Asbestos Type: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 8. %, Fibrous glass 40. %, Synthetic fibers 3. %, Non-fibrous >47. %

#106-2	202022855-02	*Yes*	<1.% [2, 1]

Location: 13th Floor-NE, Apartment #1303, Outside on A/C Window Unit
Description: Grey, Heterogeneous, Bulk Dust
Asbestos Type: Chrysotile Trace
Other Material: Animal hair Trace, Cellulose 3. %, Fibrous glass 40. %, Synthetic fibers Trace, Non-fibrous 57. %

#106-3	202022855-03	*Yes*	<1.% [2, 1]

Location: 8th Floor-NE Apartment #803, Outside on A/C Window Unit
Description: Grey, Heterogeneous, Bulk Dust
Asbestos Type: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 8. %, Fibrous glass 35. %, Synthetic fibers 1. %, Non-fibrous >54. %

#106-4	202022855-04	*Yes*	<1.% [2, 1]

Location: 8th Floor-NW Apartment #801, Outside on A/C Window Unit
Description: Grey, Heterogeneous, Bulk Dust
Asbestos Type: Chrysotile <1. %
Other Material: Animal hair Trace, Cellulose 7. %, Fibrous glass 35. %, Synthetic fibers 1. %, Non-fibrous >56. %

CITY_21MC100_011065396
NYC-WTC_000417882

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SCIENTIFIC LABORATORIES, INC.
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9302

PLM Bulk Asbestos Report

Colden Corporation
Attn: David DeLalla
Robert Morris Building
100 North 17th St. 9th Fl.
Philadelphia, PA 19103

Date Received 02/19/2002 **SciLab Job No.** 202022855
Date Examined 02/19/2002 **P.O. #** 01220

RE: 01220; Pace University; 106 Fulton Street, NY, NY

Client No. / RGA	Lab No.	Asbestos Present	Total % Asbestos
#106-5	202022855-05	*Yes*	<1.% [2, 1]

Location: 2nd Floor-On NE Window Ledge

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile, Trace
Other Material: Animal hair Trace, Cellulose 3. %, Fibrous glass 35. %, Synthetic fibers Trace, Non-fibrous 62. %

#106-6	202022855-06	*Yes*	<1.% [2, 1]

Location: From Top of Construction Elevator Car

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 14. %, Fibrous glass 25. %, Synthetic fibers 2. %, Non-fibrous >57. %

#106-7	202022855-07	*Yes*	<1.% [2, 1]

Location: 15th Floor-From "Bridge" Structure: Off Wood Framing of Fall Protection Walls

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair Trace, Cellulose 7. %, Fibrous glass 30. %, Synthetic fibers 1. %, Non-fibrous >61. %

#106-8	202022855-08	*Yes*	<1.% [2, 1]

Location: 16th Floor-From "Bridge" Structure: Off Floor Planking Closest to Building Facade

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Types: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 6. %, Fibrous glass 30. %, Synthetic fibers 2. %, Non-fibrous >60. %

CITY_21MC100_011065397

NYC-WTC_000417883

NYC 9/11 Public Portal Document

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SCIENTIFIC LABORATORIES, INC.
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

Golden Corporation
Attn: David DeLalla
Robert Morris Building
100 North 17th St. 9th Fl.
Philadelphia, PA 19103

Date Received 02/19/2002 SciLab Job No. 202022855
Date Examined 02/19/2002 P.O. # 01220

RE: 01220; Pace University; 106 Fulton Street, NY, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
#106-9	202022855-09	Yes	<1. %[2, 1]

Location: 7th Floor-From "Bridge" Structure: Off Wood Framing of Fall Protection Walls

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Type: Chrysotile <1. %
Other Material: Animal hair 1. %, Cellulose 6. %, Fibrous glass 30. %, Synthetic fibers 1. %, Non-fibrous >61. %

#106-10	202022855-10	Yes	<1. %[2, 1]

Location: 4th Floor-From "Bridge" Structure: Off Wood Framing of Fall Protection Walls

Description: Grey, Heterogeneous, Bulk Dust
Asbestos Type: Chrysotile <1. %
Other Material: Animal hair Trace, Cellulose 8. %, Fibrous glass 30. %, Synthetic fibers 1. %, Non-fibrous >60. %

Reporting Notes:
(1) Positive samples (<10%) analyzed by EPA Point Count Method (400 points).

(2) Composite analysis results for heterogenous debris samples may be highly variable due to inhomogenities in materials present

Analyzed by: Bella Chernis

*NAD/N3D = no asbestos detected; NA = not analyzed; NA/PS = not analyzed / positive stop. PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #101048-0) and ELAP PLM Analysis Protocol 198.1 for New York samples (NYSDOH ELAP Lab # 11480). Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. AIHA# 102643; VT Cert# AL016055

Reviewed By:

CITY_21MC100_011065398

NYC-WTC_000417884

Laboratories
[illegible] Road
[illegible] NY 13057
(315) 437-7252 888-677-Labs (5227)
Fax (315) 437-0571

Request for Industrial Hygiene Analysis

Company Name: Colden Corporation
Site Name: PACE University - #106 Fulton St. NYC
Sampled By: H.R. Van Deusen | Project #: 01220

Send Report to: Rye Van Deusen (COLDEN)
170 Longdean Rd.
Fairfield, CT 06430-6551

Invoice to: COLDEN Corporation
100 N. 17th Street 9th Fl
Philadelphia, PA

☐ Purchase order number
(or)
☐ Credit Card (type) X Card # X Exp Date
☐ Verbal Authorization

☐ Standard Turn-Around Time OR ☒ Rush: Date and Time Requested: Immediate TAT
☒ Phone Results to: Rye Van Deusen Phone # (203) -544-7525 ext.
☒ Fax Results to: Rye Van Deusen Fax # (203) -692 -6051
☒ Fax Results to: David de Lalla Fax # 215-496-9280

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
#106-1	2-19-02	BULK DUST	N/A	PLM	—
#106-2					
#106-3					
#106-4					
#106-5					
#106-6					
#106-7					
#106-8					
#106-9					
#106-10					

202022855

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): * See Attached for Sample Locations *

* CALL w/ Verbal Results ASAP *

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	Hobart R. Van Deusen	[signature]	2-19-02
Received by LAB.	C. DAVID	[signature]	2/19-02 16:01

Samples received after 3pm will be considered as next day's business.

LAB COPY

09704

NYC 9/11 Public Portal Document

106 Fulton Street

202027855

2-19-02

SAMPLES

SAMPLE LOCATIONS:

(1) #106-1 - Roof - N.W. Corner - on Parapet Wall off piece of Wood.

(2) #106-2 - 13th Floor - N.E. Apt. #1303 - outside - on A/C Window Unit

(3) #106-3 - 8th Floor - N.E. Apt. #803: - outside - on A/C Window Unit

(4) #106-4 - 8th Floor - N.W Apt # 801: - outside - on A/C Window unit

(5) #106-5 - 2nd Floor - on N.E. Window Ledg.

CITY_21MC100_011065400

NYC-WTC_000417886

NYC 9/11 Public Portal Document

96 Fulton St

212 619 3356 P.05/05

2-19-02

SAMPLES:

202022855

Sample Location:

(6) #106-6 - from Top of Construction Elevator car

(7) #106-7 - 15th Floor - from "Bridge" Structure:
- off Wood framing of fall protection walls

(8) #106-8 → 10th Floor - from "Bridge" Structure:
- off Floor Planking Closest to Bldg. Facade

(9) #106-9 - 7th Floor - from "Bridge" Structure:
- off Wood framing of fall protection Walls

(10) #106-10 - 4th Floor - from "Bridge" Structure:
- off Wood framing of fall protection Walls

TOTAL P.05

CITY_21MC100_011065401

NYC-WTC_000417887