NYC 9/11 Public Portal Document

B. Avalhorn

The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Flushing, New York
11373-5108

Christopher O. Ward
Commissioner

April 22, 2003

ECB Safety Committee
C/O R. Potasznik
66 John Street
New York, New York 10038

Re: New York City Department of Environmental (DEP)/Environmental Control Board (ECB) Offices at 66 John Street, Manhattan

Dear ECB Safety Committee:

I am writing in response to your correspondence dated April 9, 2003. I consider the safety of our employees to be a matter of the highest priority, and I appreciate your taking the time to share your concerns with me. I have spoken with appropriate staff within DEP's Bureau of Environmental Compliance (BEC), and have been advised as follows: As a result of concerns by ECB staff working at 66 John Street, BEC's Asbestos Control Program (ACP) and the Office of Environmental, Health and Safety Compliance (OEHSC) were contacted. OEHSC provided ACP with the results of a carpet sonication sample which was provided by your Committee. Carpet sonication is not a New York State Department of Health approved method for the collection and analysis of suspected asbestos-containing materials. Further, this sampling method has not been adopted as a Federal, State, or local standard.

ACP staff advises that, in general, asbestos fibers do not pose a health hazard unless the fibers become airborne. A single direct relationship between asbestos-containing dust and potential human exposure has not been established in the scientific literature. A direct relationship between dust levels and exposure has been documented for other contaminants (such as lead). This relationship has not been documented for asbestos fibers probably due to the unique aerodynamic properties of the fibers.

After September 11, 2001, the ACP responded to calls from concerned building occupants at 66 John Street and reviewed bulk sample results provided by the building owner. Site visits did not disclose the presence of visible debris within the interior of the building. According to the information in the ACP files, air samples were collected within the building on September 14th, 15th, and 16th, 2001. The samples were analyzed by phase contrast microscopy (PCM) and were below 0.01f/cc (the clearance standard). Ten bulk samples were collected from the exterior surfaces during early July 2002. The results indicated the debris was not asbestos-containing material. Nine additional samples were collected on November 1, 2002. The analytical results indicated the samples were not asbestos-containing material.

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION DEP
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As a result of repeated concerns expressed by building occupants, the building owner initiated additional air sampling on March 7, 2003. Air samples were collected on the 9th, 10th, and 11th floors. The samples were analyzed by PCM and transmission electron microscopy (TEM). The samples were below the clearance levels of 0.01f/cc for PCM samples and 70 s/mm^2 for TEM samples.

Although the results of several previous site visits and the review of submitted air sampling results did not indicate a requirement for further action, the building owner agreed to re-clean the carpet on the 9th and 10th floors based on my request. Wet extraction procedures were utilized and follow-up air sampling was performed by BEC. The results were reviewed by BEC and OEHSC and found to be below the clearance levels.

For your information and review, please find copies of the sampling information referred to in this correspondence. Thank you again for writing to me. If you have any additional questions or concerns, please do not hesitate to contact me.

Sincerely,

Christopher O. Ward

Attachment

NYC 9/11 Public Portal Document

The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Flushing, New York
11373-5108

Christopher O. Ward
Commissioner

Robert C. Avaltroni
Deputy Commissioner

Bureau of Environmental Compliance

Tel (718) 595-4418
Fax (718) 595-4422

To: Gerould J. McCoy
Agency Compliance Officer
Office of Environmental Health and Safety Compliance

From: Robert C. Avaltroni
Deputy Commissioner
Bureau of Environmental Compliance

Date: April 8, 2003

Subject: 66 John Street

This is a follow-up to the April 3, 2003 memorandum and its attachment.

TEM air sampling was performed at 66 John Street, on April 5, 2003. Twenty-two (22) samples were collected from representative locations on the 10th floor and portion of the 9th floor. The sample analysis disclosed all samples were below the AHERA clearance of 70 s/mm^2 and below the detection limit. A copy of the results is attached for your perusal.

Please feel free to contact me if you need any additional information.

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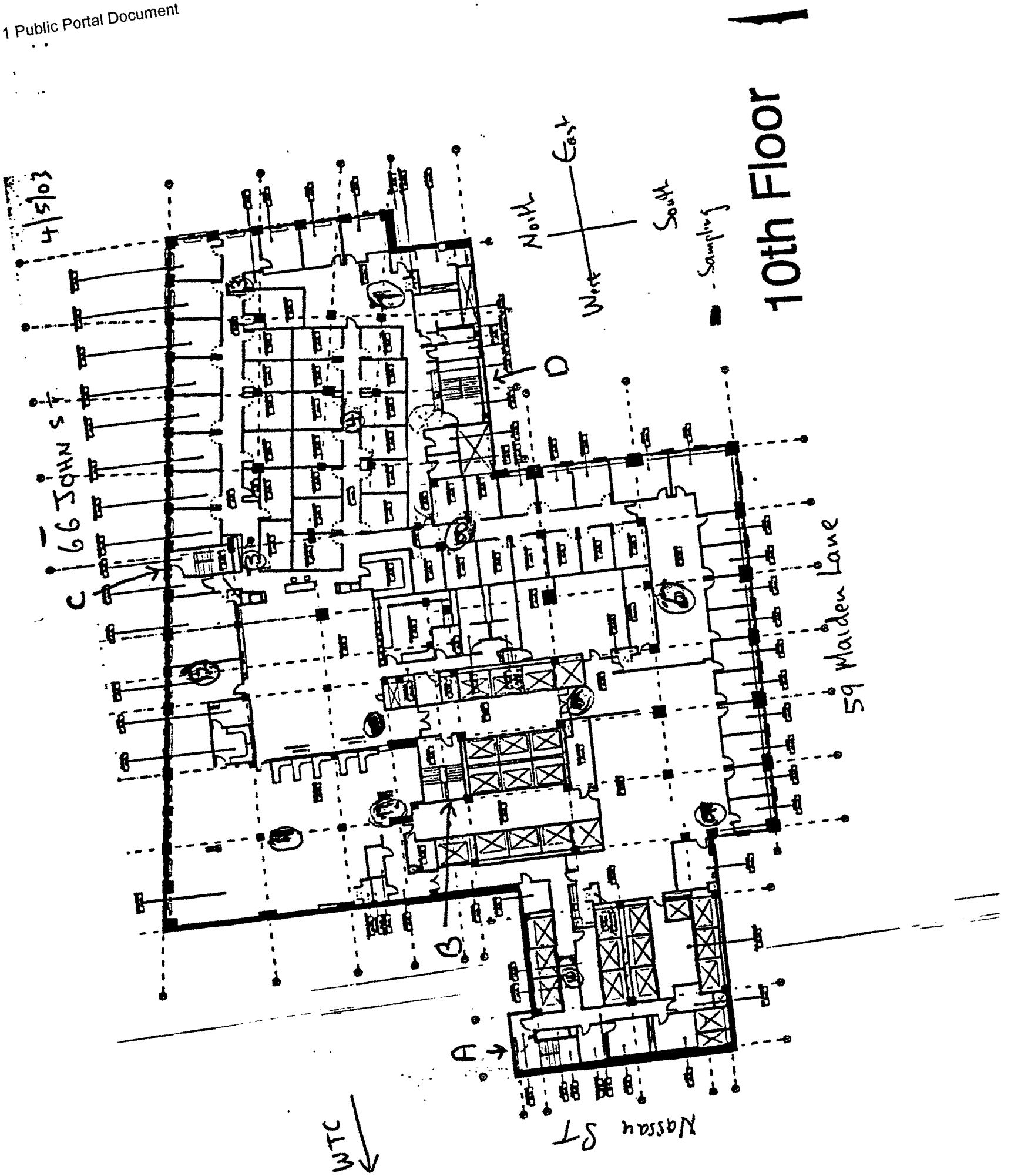
10th Floor



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(2)

AIR MONITORING DATA SHEET & CHAIN OF CUSTODY FORM

T03-04-006

PROJECT INFORMATION

1. PROJECT NAME: Manhattan ECB 10 of 1002	2. ADDRESS: 59 Maiden Lane / 166 John St.	3. BORO: Manhattan
4. DATE: 4-5-03	5. AIR MONITOR: Ahmad Sobki	6. (a) Background: __ (b) OSHA: __ (c) Pre-Abate: __ (d) PostAbate: __ (e) Abatement: __ (f) Ambient: __ (g) PCM (0.8μ MCE) __ (h) TEM (0.45μ MCE) X

AIR SAMPLING DATA — ROTOMETER No: — SAMPLING TIME — FLOW RATE OF PUMP (l/min)

7. Sample ID	8. Pump No:	9. Sample Location	10. Start Time	End Time	Total Mins	11. Start Flow	End Flow	Avg. Flow	12. Total Vol (L)	MB STA
302/001	2	WAITING Room/Entrance South	11:05 AM	1:35 PM	150	10	10	10	15000	419.50
302/002	1	WORKING AREA North	11:07 AM	1:37 PM	150	10	10	10	15000	419.50
302/003	6	WORKING AREA Johnston side of site North	11:10 AM	1:40 PM	150	10	10	10	15000	419.50
302/004	5	IFO hearing Room #2	11:13 AM	1:43 PM	150	10	10	10	15000	419.50
302/005	4	IFO hearing Room 645	11:15 AM	1:45 PM	150	10	10	10	15000	419.50

CHAIN OF CUSTODY — Turnaround Time: 2hrs ___ 8hrs ___ 24hrs ___ 48hrs ___ 72hrs ___

14. Relinquished By	15. Received By	16. Date	17. Time	18. Analysis Requested
1. A. Sobki	1. L. Attelonev	4/05/03	2:00 PM	NIOSH 7400: ___
2. of NOR	2. X. Attelonev			ASBESTOS: X
3. L. Attelonev	3. E. Sparkis	4/5/03	4:00 PM	OTHER: ___
4. X Attelonev	4. [illegible]			
5.	5.			
6.	6.			

New York City Department of Environmental Protection
Bureau of Air, Noise & Hazardous Materials
Division of Emergency Response and Technical Assessment
96-05 Horace Harding Expressway
Corona, New York 11368

P.02
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(3)

AIR MONITORING DATA SHEET & CHAIN OF CUSTODY FORM

T03-04-007

PROJECT INFORMATION

[1] PROJECT NAME: ECB, Manhattan	[2] ADDRESS: 66 John St	[3] BORO: Manh
[4] DATE: 4/5/03	[5] AIR MONITOR: Emmanuel/Brutus	[6](a)Background:__ (b) OSHA:__ (c) Pre-Abate:__ (d)PostAbate:__ (e) Abatement:__ (f) Ambient:__ (g) PCM(0.8μNCE) __ (h)TEM (0.45μNCE) __

AIR SAMPLING DATA ROTOMETER No: SAMPLING TIME FLOW RATE OF PUMP (L/min)

[7] Sample ID	[8] Pump No:	[9] Sample Location	[10] Start Time	End Time	Total Mins	[11] Start Flow	End Flow	Avg. Flow	[12] Total Vol (L)	PCM CC	TEM CC
307/019		Next to 'DOF Imaging' Room	2:25	4:55	150	10	10	10	1500	1.0x10⁶	47
307/020		Next to 'Central File' Room	2:27	4:57	150	10	9.5	9.75	1462.50	1.0x10⁶	47
307/021		At the entrance of vehicle #28	2:40	5:10	150	10	10	10	1500	1.0x10⁶	47
		Blalal Work									

CHAIN OF CUSTODY Turnaround Time: 2hrs ___ 6hrs ___ 24hrs ___ 48hrs ___ 72hrs ___

[13] Relinquished by	[14] Received by	[15] Date	[16] Time	[17] Analysis Requested
1 E. Brutus	1 A SOGLO	04/06/03	5:30 pm	NIOSH 7400:
2 E.	2			AHERA:
3	3 G. Sparkin	4/5/03	7:10PM	OTHER:
4	4			
5	5			
6	6			

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APR-08-2003 15:40 BANHI LABORATORY UNIT P.04/05

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AIR MONITORING DATA SHEET & CHAIN OF CUSTODY FORM

AKA

T03-04-007

PROJECT INFORMATION

1. PROJECT NAME:	2. ADDRESS:	3. BORO:
Manhattan ECB 9 Fl.	59 Maiden Lane & 67 John St 9Fl.	Man

4. DATE:	5. AIR MONITOR:	6. (a) Background: __ (b) OSHA: __ (c) Pre-Abate: __ (d) Post Abate: __ (e) Abatement: __ (f) Ambient: __ (g) PCM (0.8μ MCE) __ (h) TEM (0.45μ MCE) __
4-5-03	Ahmad Soleki	

AIR SAMPLING DATA — ROTOMETER No: — SAMPLING TIME — FLOW RATE OF PUMP (L/min)

7. Sample ID	8. Pump No:	9. Sample Location	10. Start Time	End Time	Total Mins	11. Start Flow	End Flow	Avg. Flow	12. Total Vol (L)	Air Std. CC	Air Std. Ft³
302/014	6	North side/John st. side - NW550	2:30 PM	5:00	150	10	10	10	4500	4000	CFM
3-2/15	2	North side/ John st. side	2:35 PM	5:05	150	10	10	10	4500	4000	CFM
3-2/16	1	North side /John st. side - NW550	2:37 PM	5:07	150	10	10	10	4500	4000	CFM
		Blank									
		Blank									

CHAIN OF CUSTODY — Turnaround Time: 2hrs ___ 8hrs ___ 24hrs ___ 48hrs ___ 72hrs ___

14. Relinquished by	15. Received by	16. Date	17. Time	18. Analysis Requested
1 A Soleki	1			NIOSH 7400: ___
2	2			AHERA: ___
3	3 E. Sinfri	4/5/03	7:10 PM	OTHER: ___
4	4			
5	5			
6	6			

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04/07/2003 15:42 FAX P.04

AIR MONITORING DATA SHEET & CHAIN OF CUSTODY FORM

T03-04-006

PROJECT INFORMATION

[1] PROJECT NAME: 66 John St 10th Flr	[2] ADDRESS: 66 John St	[3] BORO: M
[4] DATE: 4/5/03	[5] AIR MONITOR: Emmanuel Brutus	[6](a)Background:__ (b) OSHA:__ (c) Pre-Abate:__ (d)PostAbate:__ (e) Abatement:__ (f) Ambient:__ (g) PCM(0.8μMCE)__ (h)TEM (0.45μMCE) X

AIR SAMPLING DATA — ROTOMETER No: — SAMPLING TIME — FLOW RATE OF PUMP (L/min)

[7] Sample ID	[8] Pump No:	[9] Sample Location	[10] Start Time	End Time	Total Mins	[11] Start Flow	End Flow	Avg. Flow	[12] Total Vol (L)	Abt-STR Blank
307/009	9	South West Corner Hanson Ln & Nelson St	11:12	01:48	156	10	10	10	1560	L19.50
307/010	10	Pantry Area	11:15	01:51	156	10	10	10	1560	L19.50
307/011	11	Corridor between Electrical Closet & 1 Flr Stairwell 18C	11:18	01:53	155	10	10	10	1550	L19.50
307/012	12	John St Side by article 32-10th	11:22	01:55	153	10	10.0	10	1530	L19.50
307/013	13	Area of Room 22 & 23, NE Corner John St & William St	11:25	01:57	152	10	10	10	1520	L19.50

CHAIN OF CUSTODY

Turnaround Time: 2hrs___ 8hrs___ 24hrs___ 48hrs___ 72hrs___

[13] Relinquished by	[14] Received by	[15] Date	[16] Time	[17] Analysis Requested
1 E. Brutus	1 L. Attelonety	04/05/03	2:01 PM	NIOSH 7400: ____
2 E.B	2 A. Athalone			ASBESTOS: X
1 L. Attelonety	1 E. Stoykis	4/5/03	4:00 PM	OTHER: ____
2 A. Athalone	2			
1	1			
2	2			

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Bureau of Air, Noise & Hazardous Materials
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ATHENICA
ENVIRONMENTAL SERVICES INC.
Tel (718) 784-7490
Fax (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: NYC DEP
LABORATORY ID #: T03-04-007
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.012820

PROJECT: 59 Maiden Lane & 66 John Street.
DATE OF REPORT: 04/07/03
DATE OF ANALYSIS: 04/05/03
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm^2)	ANALYT. SENSITIV. (struct./cm^2)	TOTAL ASBESTOS AIR CONC. (struc./cm^3)	TOTAL ASBESTOS FILTER CONC. (str./mm^2)	AIR CONC. FOR STRUCT. 0.5≤5<5μm	AIR CONC. FOR STRUCT. S≥5.0μm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE - SPECIFY
302/014	T03-04-007-651	North side/John St. side –Nassau	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
302/015	T03-04-007-652	North side/John St. side	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
302/016	T03-04-007-653	North side/John St. side-William	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
Lab3/017	T03-04-007-654	9th floor DOF/central file (outside of)	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
Lab3/018	T03-04-007-655	9th floor file 681 (outside of)	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA

ANALYST
E. Sioukri

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a free duplicate analyses.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

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ATHENICA
ENVIRONMENTAL SERVICES INC.
Tel (718) 784-7490
Fax (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: NYC DEP
LABORATORY ID #: T03-04-006
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.012820

PROJECT: 66 John Street
DATE OF REPORT: 04/07/03
DATE OF ANALYSIS: 04/05/03
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm^2)	ANALYT. SENSITIV. (struct./cm^2)	TOTAL ASBESTOS AIR CONC. (struct./cm^3)	TOTAL ASBESTOS FILTER CONC. (str./mm^2)	AIR CONC. FOR STRUCT. 0.5≤S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASDEST TYPE SPECIFY
302/003	T03-04-006-643	Waiting area John St. side exit north	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
302/004	T03-04-006-644	IFO hearing room #27	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
302/005	T03-04-006-645	IFO hearing room #45	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
307/009	T03-04-006-646	South west corner Maiden Lane & Nassau St.	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA
307/010	T03-04-006-647	Pantry Area	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA

ANALYST
E. Siovkri

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a free duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
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ATHENICA
ENVIRONMENTAL SERVICES INC.
Tel (718) 784-7490
Fax (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: NYC DEP
LABORATORY ID #: T03-04-006
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.012820

PROJECT: 66 John Street
DATE OF REPORT: 04/07/03
DATE OF ANALYSIS: 04/05/03
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANAL YZED	AREA ANALY ZED (mm^2)	ANALYT. SENSITIV. (struct./cm^2)	TOTAL ASBESTOS AIR CONC. (struc./cm^3)	TOTAL ASBESTOS FILTER CONC. (str./mm^2)	AIR CONC. FOR STRUCT. 0.5≤S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
302/003	T03-04-006-643	Waiting area John St. side exit north	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
302/004	T03-04-006-644	IFO hearing room #27	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
302/005	T03-04-006-645	IFO hearing room #45	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
307/009	T03-04-006-646	South west corner Maiden Lane & Nassau St.	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA
307/010	T03-04-006-647	Pantry Area	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA

ANALYST
E. Siouksi

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
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New York City Department of Environmental Protection
Asbestos Control Program

66 John Street, Manhattan
9th and 10th Floors

Commissioner Ward received information from NYCDEP employees concerned about the results of a carpet sample taken from the 10th floor of 66 John Street. The Commissioner contacted the Bureau of Environmental Compliance (BEC) and the Office of Environmental Health & Safety Compliance (OEHSC). OEHSC then provided the BEC Asbestos Control Program (ACP) with the result of the carpet sonication sample. The sample result was an excerpt of a report which neither ACP, OEHSC nor the Commissioner has received. The sample result indicated a concentration of 393,061 structures/cm^2. Carpet sonication is not a New York State Department of Health approved method for the collection and analysis of asbestos-containing or asbestos-contaminated material. Further, this sampling method has not been adopted as a Federal, State or local standard.

A single direct relationship between asbestos-containing dust and potential human exposure has not been established. Although, a direct relationship between dust levels and exposure has been documented for other contaminants, e.g. lead, this relationship has not been documented for asbestos fibers probably due to the unique aerodynamic aspects of asbestos fibers. Asbestos fibers do not pose a health hazard unless the fibers become airborne and are inhaled.

The ACP had responded to calls from concerned building occupants and reviewed air and bulk sample results received from the building owner. ACP then conducted site visits at the building. These site visits did not disclose the presence of visible debris within the interior of the building. According to the information in the ACP records, 54 air samples were collected within the building on September 14th, 15th, and 16th, 2001. The samples were analyzed by phase contrast microscopy and were each below 0.01f/cc. Ten bulk samples were collected from exterior surfaces during early July 2002. The results indicated the material was not ACM. On November 1, 2002, 9 additional bulk samples were collected from building exterior surfaces. The results indicated the material was not asbestos-containing material.

As a result of complaints, the building owner initiated air sampling on March 7, 2003. The air samples were collected on the 9th, 10th, and 11th floors. The samples were analyzed by phase contrast microscopy (PCM) and transmission electron microscopy (TEM). The samples were below the clearance levels. Specifically, the clearance level for PCM samples is 0.01 f/cc and for TEM samples is 70 s/mm^2. The ACP asked for and reviewed the data from the air samples after it became aware of complaints regarding the above premises.

Although, the results of several previous site visits and the review of submitted results did not indicate a requirement for further action, the Commissioner requested the building owner to re-clean the carpeting. The building owner agreed to the request and initiated cleaning of the carpet using wet extraction procedures. The cleaning began on April 1, 2003 and is expected to be completed by April 4, 2003. BEC will perform air sampling on April 4, 2003. The results will be evaluated using the clearance criteria indicated above.