



ASBESTOS REMOVAL CORP.
 14-20 129th Street
 College Point, New York 11356
 (718) 961-4100 • Fax: (718) 961-4103

NYC DEP
 PROJECT 45 WALL STREET
 NEW YORK, NY

CONTRACT# ROF-REM3
 INVOICE # 33
 DATE 9/18/2002

ITEM#	DESCRIPTION OF ITEM	UNIT PRICE	QTY/SQ. FT	TOTAL VALUE
1	Roof cleanup-Asphalt/Uncovered Surface up to 2500 sq. ft. of clean-up per bldg/structure	\$ 1.00	0	\$ -
2	Roof cleanup-Asphalt/Uncovered Surface between 2500 sq. ft. 5000 sq. ft.	\$ 0.85		0
3	Roof cleanup-Asphalt/Uncovered Surface greater than 5000 sq. ft.	\$ 0.80	21940	\$ 17,552.00
4	Roof cleanup-Gravel/Stone Surface up to 2500 sq. ft. of clean-up per bldg/structure	\$ 3.00		0
5	Roof cleanup-Gravel/Stone Surface between 2500 sq. ft. and 5000 sq. ft.	\$ 2.75		0
6	Roof cleanup-Gravel/Stone Greater than 5000 Sq. FT.	\$ 2.50	7800	19500
7	Façade Clean-up (up to 5000 sq. ft.)	\$ 2.60	0	\$ -
8	Façade Clean-up (6-15 Story Buildings) (greater than 5000 sq. ft.	\$ 2.45	40990	\$100,425.50
TOTAL				\$ 137,477.50

NOTE: ~~ACF~~ INDICATES ITEM#7 QTY 5660 SQ. FT./ SHOULD BE CHARGED AT ITEM #8 SAME QUANTITY BUT AT A LOWER UNIT PRICE

R. R. [Signature]

E104.WTC

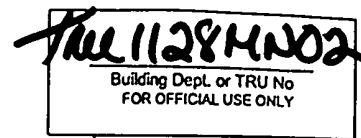
EMERGENCY



ONLY
TYPEWRITTEN
FORMS WILL BE
ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

**ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)**



1. NYC DEP
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 45 Wall Street Borough Manhattan Zip 10005
AKA _____ 3. Block 26 4. Lot 21
5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

Development

7. Name 45 Wall Street, LLC c/o Rockrose 8. Contact Person _____
9. Tel. # 212-375-1155 Fax # _____
10. Address _____ City _____ State _____ Zip _____

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Trio Asbestos Removal Corp. 13. Contact Person Chris Horan
14. Federal Employer ID. # PII 15. Tel. # 718-961-4100 Fax # 718-961-4103
16. Address 14-20 129th Street City College Point State NY Zip 11356

V. THIRD PARTY AIR MONITOR

17. Name Warren & Panzer Engineers, P.C. 18. Contact Person Michael Nolan
19. Federal Employer ID. # _____ 20. Tel. # 212-922-0077 Fax # 212-922-0630
21. Address 228 East 45th Street City New York State NY Zip 10017
22. Sample Analysis Laboratory Warren & Panzer Engineers 23. NYS DOH ELAP # 11251

VI. PROJECT INFORMATION

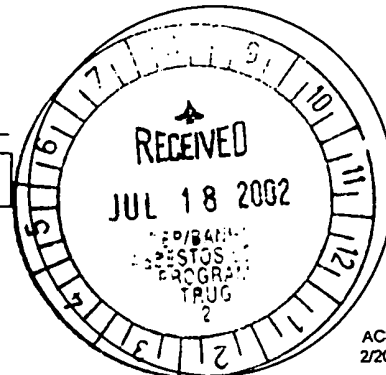
24. Starting date for this portion of work 7/19/02 Projected completion date 8/10/02
Asbestos work schedule ☒ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday
Shift from: 8 ☒ am ☐ pm to 8 ☐ am ☒ pm

If other,
specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

40,730 Square Feet, and/or _____ Linear Feet



ACP 7
2/2001

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Co. NYS DEC Permit # 1A-371 TEL.# 631-924-5050

Disposal Site(s) Imperial/POB 47, 11 Boggs Rd., PA: Southern Alleghenies Valleyview Dr., PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

- a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☐ Other (Describe) _____

28. TYPE OF ABATEMENT (Check all appropriate boxes)

- ☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

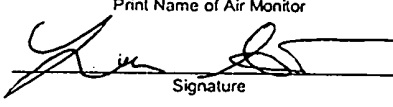
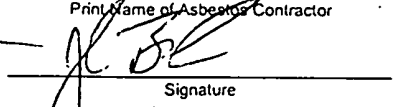
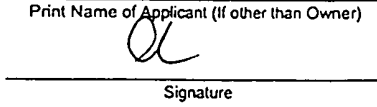
- ☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc.)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM		DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
			SQUARE FEET	LINEAR FEET	
Roofs	Item No. 3	Main/Upper Roofs	5500		
Roofs	Item No. 6	Main/Upper Roofs	7800		
Roofs	Item No. 8	Main/Upper Roofs	400		
22nd	Item No. 3	Setback Roof	6140		
22nd	Item No. 8	Setback-Walls/ Windows	2550		
18th	Item No. 3	Setback Roof	4760		
18th	Item No. 8	Setback-Walls/ Windows	3500		
16th	Item No. 3	Setback Roof	2740		
16th	Item No. 8	Setback-Walls/ Windows	2560		
12th	Item No. 3	Setback Roof	2800		
12th	Item No. 8	Setback-Walls/ Windows	1980		

Full 11284502

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

<u>Warren & Panzer</u> Print Name of Air Monitor  Signature <u>7-17-02</u> Date	<u>Trio Asbestos Rvl.Crp.</u> Print Name of Asbestos Contractor  Signature <u>7/16/02</u> Date	<u>NYC</u> Print Name of Applicant (If other than Owner)  Signature _____ Date
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32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

45 Wall Str., LLC c/o Rockrose
 Print Name of Owner Devel. c/o NYC

Signature

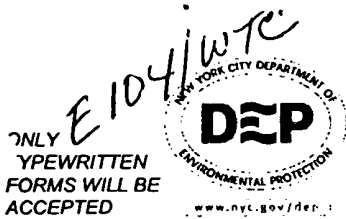
Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001



NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
 59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107
ASBESTOS PROJECT AMENDMENT FORM
FOR FORM ACP 7

FOR OFFICIAL USE ONLY

Fee (if any) \$ _____

Amendment 2002A-2084

Information Only: ☐ Yes ☐ No

A modification is valid only if it is received by the NYCDEP prior to the previously filed date of completion, except for start date changes that must be received by the original start date.

ACP7 TRU/BN# 1128MN02 Facility Address 45 Wall St Borough NYC Zip 10005

Date ACP7 was filed 7/18/02 Variance # (If any) _____

Was this ACP7 amended before? ☐ Yes ☒ No If yes, specify date _____

Original Start Date 7/19/02 Original Completion Date 8/10/02 from ACP 7, #24.

PLEASE ENTER THE INFORMATION THAT IS BEING CHANGED:

A notification may be modified no more than twice.
 Only the building owner may amend items IV, V, and VI.
 The original applicant or building owner may amend all other items.

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name TRIO Asbestos Removal Corp. 13. Contact Person Joe Bader
 14. Federal Employer ID. # PII 15. Tel. # 718 961 4100 Fax # (718) 961-4103
 16. Address 14-20 129th St City College Pt State NY Zip 11356

V. THIRD PARTY AIR MONITOR

17. Name Warren + Ronger 18. Contact Person Mike Polan
 19. Federal Employer ID. # _____ 20. Tel. # 212 922 0077 Fax # 212 422 0630
 21. Address 228 E 45th St City NYC State NY Zip 10017
 22. Sample Analysis Laboratory Warren + Ronger 23. NYS DOH ELAP # 11257

VI. PROJECT INFORMATION

24. Starting date for this portion of work 7/19/02 Projected completion date 8/30/02 ☐ Project Cancelled
☐ Project Postponed
 Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ Sunday
 Shift from: 8 ☒ am ☐ pm to 8 ☐ am ☒ pm If other, specify _____

25. Additional asbestos-containing material to be disturbed during this work 30,000 Square Feet, and/or _____ Linear Feet
 Reduction in the amount of ACM to be disturbed during this work _____ Square Feet, and/or _____ Linear Feet

29. Abatement Procedure for Additional Material (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

Other Changes WTC Clean up of Extens facade

30. Locations of abatement modified by above _____
 (For each floor list ACM quantity and type)

31/32. Name of Applicant / Owner NYC DEP Tel. # _____

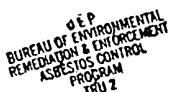
Name of Company (If any) NYC DEP Fax # _____

Address _____ City _____ State _____ Zip _____

I hereby declare that the information provided herein is true and complete.

Carl Heltzel
 Signature of Applicant / Owner

8/31/02
 Date





ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7444

Fax. (718) 794-4665

CLIENT: Warren & Panzer Engineers, P. C.
LABORATORY ID #: T02-07-027
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.006643

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: 45 Wall Street
DATE OF REPORT: 07/27/02
DATE OF ANALYSIS: 07/27/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (micrograms/cm ²)	TOTAL ASBESTOS AIR CONC. (micrograms/cm ³)	TOTAL ASBESTOS FILTER CONC. (micrograms/cm ²)	AIR CONC. FOR STRUCT. 0.558-5.1um	AIR CONC. FOR STRUCT. 0.558-5.1um	ASBEST. TYPE CHYRS	AMPHIB. ASBEST. TYPE SPECIFIC
1	T02-07-027-1079	Main roof east	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-027-1080	Main roof west	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-027-1081	16 th floor east	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
4	T02-07-027-1082	16 th floor west	1305	7	0.0605	0.0049	0.0049	16.53	0.0049	<0.0049	Chrys	NA
5	T02-07-027-1083	Deck	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA

Elen Stoukri

ANALYST
E. Stoukri

Spuro Dongaris

LABORATORY DIRECTOR
Spuro 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 capsules 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 asbestos 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.

07/27/2002 11:43 FAX 718

2226 East 45th Street
New York, NY 10077
(212) 922-9077
Fax (212) 922-0830

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
15	100	100	100	100	100
16	100	100	100	100	100
17	100	100	100	100	100
18	100	100	100	100	100
19	100	100	100	100	100
20	100	100	100	100	100
21	100	100	100	100	100
22	100	100	100	100	100
23	100	100	100	100	100
24	100	100	100	100	100
25	100	100	100	100	100
26	100	100	100	100	100
27	100	100	100	100	100
28	100	100	100	100	100
29	100	100	100	100	100
30	100	100	100	100	100
31	100	100	100	100	100
32	100	100	100	100	100
33	100	100	100	100	100
34	100	100	100	100	100
35	100	100	100	100	100
36	100	100	100	100	100
37	100	100	100	100	100
38	100	100	100	100	100
39	100	100	100	100	100
40	100	100	100	100	100
41	100	100	100	100	100
42	100	100	100	100	100
43	100	100	100	100	100
44	100	100	100	100	100
45	100	100	100	100	100
46	100	100	100	100	100
47	100	100	100	100	100
48	100	100	100	100	100
49	100	100	100	100	100
50	100	100	100	100	100
51	100	100	100	100	100
52	100	100	100	100	100
53	100	100	100	100	100
54	100	100	100	100	100
55	100	100	100	100	100
56	100	100	100	100	100
57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	1	

W8P FILE #:

1079-07-02

P.O.

CONTACT: Boudy 907-417-2847

CLIENT WYC DEB

PROJECT: 11C 4A BQ: 4805

LOCATION: 45 W 14th St NY

LABORATORY:

ANALYSIS METHOD: PCM

circle and
7400

TEMA

WEAK EPA LEVELS

TECHNICIAN: DAVID
Eckels

7-002

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (mg/L)	ANALYST
1	Main Roof East	3	1	3 3	0820 1545	435	1305	1.0049	46.5-47.5
2	" " West	3	2	3 3	0831 1546	435	1305	1.0049	46.5
3	16th floor East	3	3	3 3	0835 1550	435	1305	1.0049	46.5
4	" " West	3	4	3 3	0836 1551	435	1305	1.0049	46.5
5	Decon	3	5	3 3	0840 1555	435	1305	1.0049	46.5
6	Fuel Cell Blank	1	-	-	-	-	-	-	-

כ. ויחזקנו.

REV: DPM 67E-FUL811 DATE: 7/26/02

David

BY: DAVID EZEKIEL	DATE: 2/26/02
-------------------	---------------

David

E. Siobhi DATE 7/27/02

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**ATHENICA**
 ENVIRONMENTAL SERVICES INC.
 TEL (718) 784-7490
 FAX (718) 784-4085

CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T02-07-024

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: 45 West Street, NY

DATE OF REPORT: 07/26/02

DATE OF ANALYSIS: 07/26/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANAL. YZRD	AREA ANAL. ZEP (mm ²)	ANALYT. SENSITIV. (structure/cm ²)	TOTAL ASBESTOS AIR CONC. (atrac/cm ³)	TOTAL ASBESTOS FILTER CONC. (wt./mm ²)	AIR CONC. FOR STRUCT. 0.5 <= Chrys	AIR CONC. FOR STRUCT. 2.5 <= Chrys	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-07-024-1064	Main Roof East	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-024-1065	Main Roof West	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-024-1066	18 th Floor East	1305	7	0.0605	0.0049	0.0098	33.06	<0.0049	0.0098	Chrys.	NA
4	T02-07-024-1067	18 th Floor West	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
5	T02-07-024-1068	Decon	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA

 ANALYST
 E. Dimitrakas

 LABORATORY DIRECTOR
 Scott Dominguez
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 results 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.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

**228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-8530**

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____

Fax (212) 922-8630

P.O.

CLIENT: NYC DEP

W&P FILE #: 1079-07-02

PROJECT: 6W 90 Rock case

LABORATORY:

PROJECT: 6570 ROCK ROSE
LOCATION: 15E 104N 5- 229

ANALYSIS METHOD: PCM

TEMP

CONTACT: Benny 1-917-947-7847.

TECHNICIAN:

[illegible]

OLIVIERO TOSCANI

SAMPLE BY: DAVID GREENGLASS DATE: 7/25/01

SIGNATURE: Daniel

RELEASED BY: DAND CZEKUBSIL DATE: 7/2/81

SIGNATURE: David

RECEIVED BY: E. S. S. DATE: 1/10/60

SIGNATURE: SL DATE: 1/26/95

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (Inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7480

Fax. (718) 784-1035

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-07-017

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 45 Wall Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/23/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANAL. YZRD	AREA ANALY. ZEP (mm ²)	ANALYT. SENSITIV. (str/4cm ²)	TOTAL ASBESTOS AIR CONC. (fibers/cm ³)	TOTAL ASBESTOS FILTER CONC. (str/4mm ²)	AIR CONC. FOR STUDENT 0.55S<4um	AIR CONC. FOR STUDENT S2.5-8um	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECTIV
1	T02-07-017-1029	Roof east	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-017-1030	Roof west	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-017-1031	22 nd floor, roof east	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
4	T02-07-017-1032	22 nd floor, roof west	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
5	T02-07-017-1033	Decon	1320	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA

 ANALYST
E. Dimitrakas

 LABORATORY DIRECTOR
Spiro Dzungaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, FLAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
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**ATHENICA**

ENVIRONMENTAL SERVICES INC.

TEL (718) 784-7490

FAX (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-07-017

ANALYT. METHODOLOGY: AHERA

FILT. TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.008643**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

PROJECT: NYC DEP, 45 Wall Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/25/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANAL. VZED	AREA ANAL. ZED (mm ²)	ANALYT. SENSITIV. (struct/cm ²)	TOTAL ASBESTOS AIR CONC. (struct/cm ²)	TOTAL ASBESTOS FILTER CONC. (struct/cm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. >5µm	ASBEST. TYPE CHRYS.	ANALYT. ASBEST. TYPE SPECIFY
1	T02-07-017-1029	Roof east	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-017-1030	Roof west	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-017-1031	22 nd floor, roof east	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
4	T02-07-017-1032	22 nd floor, roof west	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
5	T02-07-017-1033	Decon	1320	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA

ANALYST
E. Dongaris

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.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4085

CLIENT: Warren & Pausel Engineers, P.C.

LABORATORY ID #: T02-07-015

ANALYT. METHODOLOGY: AHERA.

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 45 Wall Street

DATE OF REPORT: 07/24/02

DATE OF ANALYSIS: 07/24/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (direct/cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/mm ²)	AIR CONC. FOR STRUCT. 0.55<3µm	AIR CONC. FOR STRUCT. ≥2.5µm	ASBEST. TYPE CHYS.	ANALYT. ASBEST. TYPE SPECIFY
1	T02-07-015-1019	Roof #1 East	1300	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-015-1020	Roof #1 West	1300	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-015-1021	Roof #1 South	1300	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
4	T02-07-015-1022	Roof #1 North	1300	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
5	T02-07-015-1023	Roof #1 Center	1300	7	0.0605	0.0049	0.0049	16.53	<0.0049	0.0049	Chrys.	NA

 ANALYST
E. Dimitrakas

 LABORATORY DIRECTOR
Spiro Demegaris

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.
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- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

**220 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630**

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
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59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	1	

CLIENT: De P
W&P FILE #: 1079-01-02

PROJECT: NSG JCSG 144 -

LABORATORY: _____

PROJECT: DEP ROOFS AND FACADE

LOCATION: 45 WALL ST

ANALYSIS METHOD: _____

circle one

PCM	TEM	TEM
7400	ANERA	EPMA / EVELIN

TECHNICIAN: David Edwards

CONTACT: Benny 917-417-7847

510-70-601

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (µg/l-sec)
01	Roof #1 east	3	1	4	4	1100 1625	325	1300	<16.53
02	" " west	3	2	4	4	1101 1626	325	1300	<16.53
03	" " south	3	3	4	4	1102 1627	325	1300	<16.53
04	" " north	3	4	4	4	1103 1628	325	1300	<16.53
05	" " center	3	5	4	4	1104 1629	325	1300	<16.53
06	field blank	1							16.53

COMMENTS:

SAMPLE BY: DAVID GEFENBERG	DATE: 7/28/60
SIGNATURE: [Signature]	
RELEASED BY: DAVID GEFENBERG	DATE: 7/28/60
SIGNATURE: [Signature]	
RECEIVED BY: G. GEFENBERG	DATE: 7/28/60
SIGNATURE: [Signature]	22:00

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/h

PAGE ____ OF ____

P.O.

CLIENT: DEP

W&P FILE #: 1079-01-02

LABORATORY:

PROJECT: DEP ROOFS AND FACADE ANALYSIS METHOD: PCM TEM
LOCATION: 45 WALL ST ANERA EPA LEVEL II

TECHNICIAN: DAVID GREENBERG

CONTACT: BENNY 917-417-7847

702-07-015

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (micrograms)
01	Roof #1 East	3	1	4	4	1100	1625	325	1300	<16.53
02	" " West	3	2	4	4	1101	1626	325	1300	<16.53
03	" " South	3	3	4	4	1102	1627	325	1300	<16.53
04	" " North	3	4	4	4	1103	1628	325	1300	<16.53
05	" " Center	3	5	4	4	1104	1629	325	1300	<16.53
06	field blank	1								16.53

SAMPLE BY: DAVID GREENBERG DATE: 7/28/09

SIGNATURE: David

RELEASED BY: DAVID GREENBERG DATE: 7/28/09

SIGNATURE: David

RECEIVED BY: C. Glick DATE: 7/23/09

SIGNATURE: [Signature] 22:00

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

002/003



Warren & Panzer Engineers, P.C.
228 East 45th Street
New York, New York 10017
Tel. (212) 922-0077
Fax (212) 922-0630

July 31, 2002

Mr. Leonard G. Atteloney
New York City Department of Environmental Protection
96-05 Horace Harding Expressway
Corona, NY 11368

Re: **Final Clearance TEM Air Sample Results**

W&P File #: 1079.01.02

Dear Mr. Atteloney:

On July 26, 2002, a roofing-cleaning project was completed at the building located at 45 Wall Street. Transmission Electron Microscopy air samples were collected at the completion of the abatement work. Final clearance air samples collected met the clearance criteria of less than 70 Structures per square millimeter set forth by the NYS Department of Labor Industrial Code Rule 56 and the NYC Department of Environmental Protection Title 15, Chapter 1 Asbestos Rules and Regulations, and this area can now be re-occupied.

Along with this correspondence, I have enclosed a copy of the final visual inspection checklist. If you have any questions or should you need additional information, please contact me at (212) 922-0077.

Sincerely,

WARREN & PANZER ENGINEERS, P.C.

Michael R. Nolan
Senior Project Manager

cc: Krish Radhakrishnan, PE
Attachment(s)

*A Member of
The Warren & Panzer Group*

Warren & Panzer Group

FINAL VISUAL INSPECTION OF ABATEMENT PROJECTS

W&P Project #: 1079-01-02

Project Name: DEP ROOFS AND FACADES CLEANING

W&P Project Manager: Mitt Noel

Abatement Contractor: TRW Asbestos Comp

Job Location: 45 Wall St (16th floor)

Type of Abatement: (circle)

Cleaning Removal Enclosure Glovebag Encapsulation

Visual Inspection checklist (No Residual Dust or Debris Observed Yes or No)

Floor: NO

Parapet walls: NO

Parapet ledges: NO

Bulkheads: NO

Roofs: NO

Ventilation Duct: NO

Miscellaneous Surfaces: NO

Facades: NO

Circle One

Pass

Fail

Field Notes: (Record any problems encountered here.)

Name: David Eggenstein

Signature: David Eggenstein

Date: 7/26/02



Warren & Panzer Engineers, P.C.
228 East 45th Street
New York, New York 10017
Tel. (212) 922-0077
Fax (212) 922-0630

July 31, 2002

Mr. Leonard G. Atteloney
New York City Department of Environmental Protection
96-05 Horace Harding Expressway
Corona, NY 11368

Re: Final Clearance TEM Air Sample Results

W&P File #: 1079.01.02

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Along with this correspondence, I have enclosed a copy of the final visual inspection checklist. If you have any questions or should you need additional information, please contact me at (212) 922-0077.

Sincerely,

WARREN & PANZER ENGINEERS, P.C.

A handwritten signature in black ink, appearing to read 'MR. NOLAN', is written over a horizontal line.

Michael R. Nolan
Senior Project Manager

cc: Krish Radhakrishnan, PE
Attachment(s)

*A Member of
The Warren & Panzer Group*

Warren & Panzer Group

FINAL VISUAL INSPECTION OF ABATEMENT PROJECTS

W&P Project #: 1079-01-02

Project Name: DEP ROOFS AND FACADES CLEANING

W&P Project Manager: MICHA NOEL

Abatement Contractor: TRIO Asbestos Removal

Job Location: 45 wall st (Main Roof)

Type of Abatement: (circle)

Cleaning Removal Enclosure Glovebag Encapsulation

Visual Inspection checklist (No Residual Dust or Debris Observed - Yes or No)

Floor: NO

Parapet walls: NO

Parapet ledges: NO

Bulkheads: NO

Roofs: NO

Ventilation Duct: NO

Miscellaneous Surfaces: NO

Facades: NO

Circle One

Pass

Fail

Field Notes: (Record any problems encountered here.)

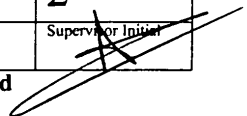
Name: David Zetvesili

Signature: David Zetvesili

Date: 7/26/02

Asbestos Inspection Report**Page 1 of 1**

Premise # 45 Wall St.				Date of Inspection 08/25/02	
Floor Set Back 12	Zip 10006	Block 19	Lot # 11	Boro Code 1	
Inspector Lutchmedial	Badge # A058	Squad # 1	Basis of Inspection TRM 1125MNA		Building Type Pictures yes
Contractors Name Trio Asbestos Removal Corp.				Sample # NA	
Address 14-20 129 Street				Sample # NA	
City College Point	State NY	Zip 11356		Sample # NA	
Laboratory Name Warren & Panzer				Building Owner	
Address 228 East 45Th Street				Address	
City NY	State NY	Zip 10017		City State Zip	
Contact Person At Site Marek J Trzepietowski – Project manager				Time of Inspection 8 am – 6 pm	
On arrival Inspection disclosed that at this time Warren & Panzer representative Yury Bedin was on site along with Miguel Rodriguez a handler supervisor of Trio. Cleaning of the façade started from the 12th floor down on the south side by two handlers. Work went ahead all day as scheduled. Only one drop of the façade was done today.					

NOV # NA						Result Code 2
NOV # NA						Supervisor Initial 

Boro Code 1 = Manhattan 2 = Bronx 3 = Brooklyn 4 = Queens 5 = Staten Island
Bldg. Type A > 6 Stories B < 6 Stories C - Single Family D - School
 E - Hospital F - Public Owned Property
Result Codes 1= Violation Issued 2 = No Violations Issued 3 = No Access
 4 = Project Not Started 5 = Project Completed



ATHENICA

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

CLIENT: Warren & Parner Engineers, P.C.
LABORATORY ID #: T02-08-131
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012422

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 45 Wall St. NY
DATE OF REPORT: 08/26/02
DATE OF ANALYSIS: 08/26/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.A. ANAL. VZED	AREA ANALY ZED (mm ²)	ANALYT. SENSITV. (micrograms/cm ³)	TOTAL ASBESTOS AIR CONC. (micrograms/m ³)	TOTAL ASBESTOS FILTER CONC. (micrograms/m ³)	AIR CONC. FOR STRUCT. 0.5<S<5mm	AIR CONC. FOR STRUCT. S>5.0µm	ASBEST. TYPE CHYVS.	AMPHIB. ASBEST. TYPE SPECIFY
01 IWA	T02-08-131-1894	Center of work area	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
02 IWA	T02-08-131-1895	Bottom of work area on side walk Center of W. A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
03 IWA	T02-08-131-1896	East section of work area	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
04 IWA	T02-08-131-1897	Bottom of W.A. on side walk West section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
05 IWA	T02-08-131-1898	South east section of work area	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA

San D. H.

ANALYST
E. Dimitrakas

San D. H.

LABORATORY DIRECTOR
Spiro Domaganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, EJPAP 10955

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- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM.

Fax (212) 922-0630

	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
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77	100	100	100	100
78	100	100	100	100
79	100	100	100	

Q.

AFEP

W&P FILE #: 1079.01.02

WW&P FILE #: 1079.01.02
LABORATORY: Warren and Ponzar.

CLIENT: DEP
PROJECT: DEP-Sampling

PROJECT: DEP - Sampling.
LOCATION: 45 Wall st. Apt. 24.

CONTACT: *Mr. Michael Ndan.*

WV#:

SCA JOB#:

TECHNICIAN: Yury Bezik:

~~AHERA~~ EPA LEVEL II

circle one. / 7400

ready.

[illegible]

COMMENTS:

SAMPLE BY: Yury Bedin. DATE: 8-25-02.

SIGNATURE: Chay Bell

RELEASED BY: 1, Yury Bedin. DATE: 8-25-02.

SIGNATURE: Gay! Berlin Released- 18:55 PM.

RECEIVED BY: E. Sigurdson DATE: 8/26/68

SIGNATURE:

TSJ-80-201

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



Athenica

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7490
Fax: (718) 784-1085

CLIENT: Warren & Parzer Engineers, P.C.

LABORATORY ID #: T02-08-123

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 45 Wall St.

DATE OF REPORT: 08/24/02

DATE OF ANALYSIS: 08/24/02

EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (fibrils/cm ³)	TOTAL ASBESTOS AIR CONC. (fibrils/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibrils/cm ³)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. ≥2.5µm	ASBEST. TYPE CHRS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-123-1838	Inside Decan	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
02	T02-08-123-1839	IWA North west window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
03	T02-08-123-1840	IWA South west window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
04	T02-08-123-1841	Entrance to work area	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
05	T02-08-123-1842	IWA North east window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
06	T02-08-123-1843	IWA South east window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Sam D. Higgins

LABORATORY DIRECTOR
Spiro Diggins

LABORATORY CERTIFICATION INFORMATION

- 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 NYS AEP 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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WARREN & PANZER ENGINEERS, P. C. AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 01 OF 01

P.O.

CLIENT: D.E.P. W&P FILE #: 1072-01-01 CONTACT: _____

PROJECT: 45 WALL ST ANALYSIS METHOD: PCM TEM _____

LABORATORY: 22FL Windows 7490 AHERA EPA LEVEL II

TECHNICIAN: S. GALLAGHER

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1	INSIDE DRCON	3		4	4	10:00	15:30	330	1320	
2	1" VIA NORTH WEST WINDOW 22FL					10:02	15:32			
3	" SOUTH WEST " " "					10:02	15:32			
4	ENTRANCE TO WORK AREA					10:03	15:33			
5	1" VIA NORTH EAST WINDOW 22FL					10:04	15:34			
6	" SOUTH EAST WINDOW 22FL					10:04	15:34			
7	F. B.									
8	F. B.									
9	F. B.									

COMMENTS:

102-08-123

SAMPLE BY: <u>S. GALLAGHER</u>	DATE: <u>8-23-02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>[Signature]</u>	DATE: <u>8-23-02</u>
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>A. GALLAGHER</u>	DATE: <u>8/23/02</u>
SIGNATURE: <u>[Signature]</u>	

SAMPLE TYPE CODES			
1 - Blank	5 - Final Clearance (inside)		
2 - Pre-Abatement	6 - Final Clearance (outside)		
3 - During Abatement	7 - Personal		
4 - During Glove Bag Removal	8 - Background		

SEE REVERSE SIDE FOR ANALYSIS INFORMATION


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-08-128
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.012422
 PROJECT: NYC DEP, 45 Wall St. NY
 DATE OF REPORT: 08/25/02
 DATE OF ANALYSIS: 08/25/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	TAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (structure/cm ²)	TOTAL ASBESTOS AIR CONC. (structure/cm ²)	TOTAL ASBESTOS FILTER CONC. (structure/cm ²)	AIR CONC. FOR STRUCT. 0.5 ≤ S ≤ 5 μm	AIR CONC. FOR STRUCT. S ≥ 5.0 μm	ASBEST. TYPE CURYS.	AMPHIB. ASBEST. TYPE SPECIFY
01 IWA	T02-08-128-1879	12Fl. On terrace. Center of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
02 IWA	T02-08-128-1880	12Fl. On terrace. West section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
03 IWA	T02-08-128-1881	12Fl. On terrace. East section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
04 IWA	T02-08-128-1882	12Fl. On terrace. 8fl. of door entrance	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
05 IWA	T02-08-128-1883	12Fl. On terrace. South east section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	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.
- Any sampling certificates 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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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-163

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 45 Wall St. NY, NY

DATE OF REPORT: 09/02/02

DATE OF ANALYSIS: 09/01/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANAL. VTRD	AREA ANAL. ZEPD (mm ²)	ANALYT. SENSITIV. (detection/cm ²)	TOTAL ASBESTOS AIR CONC. (fibers/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibers/cm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHYRS	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-163-2053	IWA Floor-16 on terrace. Center of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02	T02-08-163-2054	IWA Floor-16 on terrace. North section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
03	T02-08-163-2055	IWA Floor-16 on terrace. South section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
04	T02-08-163-2056	IWA Bottom of W.A. Center of sidewalk	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
05	T02-08-163-2057	IWA Bottom of W.A. East section on sidewalk	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

San Dipto
San Dipto

 ANALYST
E. Sioukci

 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 only (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.
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12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate⁺/a

०३

CLIENT

ALL

DECEMBER

PROJECT: DED-Sampling.
LOCATION: 45 Wall St. NY NY.

W&P FILE #: 1079.01.02

LABORATORY: Warren and Pawzen.

CONTACT:

Mr. H. Nader:

PROJECT:

PROJECT: DEP-Sampling
LOCATION: 45 Wall St. NY, NY.

ANALYSIS METHOD: PCM

TEMP

circle one / 7400 AHERA EPA LEVEL II

TECHNICIAN:

卷一

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1 IWA	FL=16. entrance. Center of W.A.	3		4.0 4.0	10:31 18:01	450	1800	
2 IWA	FL=16. entrance. North Section of W.A.	3		4.0 4.0	10:33 18:03	450	1800	
3 IWA	FL=16. entrance. South Section of W.A.	3		4.0 4.0	10:35 18:05	450	1800	
4 IWA	Bottom of W.A. Center of Side wall.	3		4.0 4.0	10:38 18:08	450	1800	
5 IWA	Bottom of W.A. East Section on Side wall	3		4.0 4.0	10:41 18:11	450	1800	
6 —	Field Blank —	1						
7 —	Field Blank —	1						
8 —	C.B. —	1						

CONCLUSIONS

SAMPLE BY: Yurui Bodin. DATE: 8-31-02.

SIGNATURE: David B. Bickel

RELEASED BY: Yung B. N. DATE: 8-31-02

SIGNATURE: Wm. Burke Released- 20:04 PM.

RECEIVED BY: A. CAFFREY DATE: 9/1/02

SIGNATURE: W. J. H.

T02-08-163

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



Athenica

ENVIRONMENTAL SERVICES INC.

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CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-08-150
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012422

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 45 Wall St.
DATE OF REPORT: 08/30/02
DATE OF ANALYSIS: 08/29/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB ID	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (fib./mm ³)	AIR CONC. FOR STRUCT. 0.5-5-5µm	AIR CONC. FOR STRUCT. 5-5-0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
01	T02-08-150-1989	IWA North east side building	1600	4	0.0497	0.0048	<0.0048	<20.13	NA	NA	NA	NA
02	T02-08-150-1990	IWA by entrance work area	1600	4	0.0497	0.0048	<0.0048	<20.13	NA	NA	NA	NA
03	T02-08-150-1991	North west side of building	1600	4	0.0497	0.0048	<0.0048	<20.13	NA	NA	NA	NA
04	T02-08-150-1992	South west side of building	1600	4	0.0497	0.0048	<0.0048	<20.13	NA	NA	NA	NA
05	T02-08-150-1993	Decon	1600	4	0.0497	0.0048	<0.0048	<20.13	NA	NA	NA	NA

E. S. S. S. S.

ANALYST
E. S. S. S. S.

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.
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ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4083

CLIENT: Warren & Paoletti Engineers, P.C.

LABORATORY ID #: T02-09-002

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYCDHP, 45 Wall St.

DATE OF REPORT: 09/04/02

DATE OF ANALYSIS: 09/04/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (microg/cm ³)	TOTAL ASBESTOS AIR CONC. (microg/cm ³)	TOTAL ASBESTOS FILTER CONC. (microg/cm ²)	AIR CONC. FOR STRUCT. 0.55-5.0um	AIR CONC. FOR STRUCT. 5.0-10um	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
011WA	T02-09-002-2073	16 th FL. On terrace. Center of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
021WA	T02-09-002-2074	16 th FL. On terrace. East section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
031WA	T02-09-002-2075	16 th FL. On terrace. West section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
041WA	T02-09-002-2076	18 th FL. On terrace. Center of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
051WA	T02-09-002-2077	18 th FL. On terrace. North section of W.A.	1320	5	0.0621	0.0047	0.0047	16.10	0.0041	<0.0041	Chrys.	NA

Spiro Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

PAGE 1 OF 1

P.O.

CLIENT: **DEP.**

PROJECT: **DEP - Sampling**

LOCATION: **45 Wall St. NY**

16th Floor; and 18th Floor.

W&P FILE #: **1079.01.02**

LABORATORY: **Warren and Panzer**

ANALYSIS METHOD: **PCM TEM**

7400 AHERA EPA LEVEL II

TECHNICIAN: **Yury Bedin**

CONTACT: **Mr. M. Nolan**

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1 IWA	16 th Fl. on Terrace. Center of W.A.	3		4.0	4.0	10:25	15:55	330	1320	
2 IWA	16 th Fl. on Terrace. East Section of W.A.	3		4.0	4.0	10:27	15:57	330	1320	
3 IWA	16 th Fl. on Terrace. West Section of W.A.	3		4.0	4.0	10:29	15:59	330	1320	
4 IWA	18 th Fl. on Terrace. Center of W.A.	3		4.0	4.0	10:31	16:01	330	1320	
5 IWA	18 th Fl. on Terrace. North Section of W.A.	3		4.0	4.0	10:33	16:03	330	1320	
6 —	Field Blank	1								
7 —	Field Blank	1								
8 —	C. Blank	1								

COMPLETED

702-09-002

SAMPLE BY: **Yury Bedin** DATE: **9-3-02**

SIGNATURE: **Yury Bedin**

RELEASED BY: **Yury Bedin** DATE: **9-3-02**

SIGNATURE: **Yury Bedin. Released - 18:01 PM.**

RECEIVED BY: **C. S. Scalet** DATE: **9/4/02**

SIGNATURE: **[Signature]**

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



ATHENICA

ENVIRONMENTAL SERVICES INC.

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CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-005
ANALYST: METHODOLOGY: AHERA
FILTER TYPE: M.C.B.
AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 45 Wall St.
DATE OF REPORT: 09/05/02
DATE OF ANALYSIS: 09/05/02
EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.'s ANAL. V720	AREA ANALYZED (mm ²)	ANALYST SENSITIVITY (strand/cm ²)	TOTAL ASBESTOS AIR CONC. (strand/cm ²)	TOTAL ASBESTOS FILTER CONC. (strand/cm ²)	AIR CONC. FOR STRUCT. 0.5S-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
11WA	T02-09-005-2088	29 th fl on terrace. Center of WA	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
21WA	T02-09-005-2089	29 th fl on terrace. West section of WA	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
31WA	T02-09-005-2090	16 th fl on terrace. Center of WA	1640	4	0.0497	0.0047	<0.0047	<20.13	NA	NA	NA	NA
41WA	T02-09-005-2091	16 th fl on terrace. South section of WA	1640	4	0.0497	0.0047	<0.0047	<20.13	NA	NA	NA	NA
51WA	T02-09-005-2092	16 th fl on terrace. North section of WA	1640	4	0.0497	0.0047	<0.0047	<20.13	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Spiro Douganis

LABORATORY DIRECTOR
Spiro Douganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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- 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.
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24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

CLIENT: DEP.

W&P FILE #: 1079.01.02

LABORATORY: Warren and Lanzetta

CONTACT: MR. M. NOLAN.

PROJECT: DEL - Sampling.
LOCATION: 45 Wall St. NYC.

LOCATION: 45 Wall St. NYC
16th Floor and 29th Floor

ANALYSIS METHOD: PCM
circle one / 7400

TECHNICIAN: Yury Bedin

[illegible]

SAMPLE BY: Yurafy Bodin, DATE: 9-4-02.

SIGNATURE: Paul Bede

RELEASED BY: Larry Bedin. DATE: 9-4-02

SIGNATURE: Paul Bedi - Refused - 18:57

RECEIVED BY: A. CAD GAL DATE: 9/5/02

SIGNATURE: U. G. 77

SAMPLE TYPE CODES

1 - Blank

2 - Pre-Abatement

3 - During Abatement

3 - During Availability	7 - Personal
1 During Availability	1 During Availability

5 - Final Clearance (inside)

6. Final Clearance (outside)

3. **Debt**

1 - Personal

SEE REVERSE SIDE FOR ANALYSIS INFORMATION


ATHENICA

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Wacred & Panzer Engineers, P.C.
 LABORATORY ID #: T02-09-029
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.01371

 PROJECT: NYC DEP, 45 Wall St.
 DATE OF REPORT: 09/09/02
 DATE OF ANALYSIS: 09/09/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (fibre/cm ³)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/cm ²)	AIR CONC. FOR STRICT. 0.55-5.0um	AIR CONC. FOR STRUCT. 5.0-10um	ADJUST. TYPE CHANG.	ANALYT. TYPE SPECIFY
06	T02-09-029-2214	Corner 45 Wall Building	1440	5	0.0689	0.0039	<0.0039	<14.52	NA	NA	NA	NA
07	T02-09-029-2215	Next to phone booth	1440	5	0.0689	0.0039	<0.0039	<14.52	NA	NA	NA	NA
08	T02-09-029-2216	Exchange Pl. 5' Blimpie	1440	5	0.0689	0.0039	<0.0039	<14.52	NA	NA	NA	NA
08	T02-09-029-2217	Exchange Pl. 5' Pub	1440	5	0.0689	0.0039	<0.0039	<14.52	NA	NA	NA	NA
10	T02-09-029-2218	Exchange Pl. 5' Wine shop	1440	5	0.0689	0.0039	<0.0039	<14.52	NA	NA	NA	NA

ANALYST

E. Dimitrakas

LABORATORY DIRECTOR

Spino Douglas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, FLAP 10955

- Athenica Environmental Services Inc. (AESI), is responsible only for information pertaining to samples taken by its employee.
- Air sampling cassette 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.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (212) 704-7490
Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-029
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013711

PROJECT: NYCDP, 45 Wall St.
DATE OF REPORT: 09/09/02
DATE OF ANALYSIS: 09/09/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (structure/cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/mm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5-50µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-029-2209	In front of 45 Wall St.	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
02	T02-09-029-2210	10' from Bank of NY	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
03	T02-09-029-2211	10' from Subway	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
04	T02-09-029-2212	Exchange Pl. Pizza shop	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
05	T02-09-029-2213	Exchange Pl. Garage	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA

LABORATORY DIRECTOR
Spiro Dougaris

ANALYST
G. Dimitrakos

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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 relies only to have 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 Athena Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

228 East 45th Street
New York, NY 10017
(212) 922-6877
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a P.O. _____

CLIENT: DEP

PROJECT: ROOFS/FACADE

LOCATION: 45 WALL ST.

WAP FILE #: 1079.01.02

LABORATORY: _____

ANALYSIS METHOD: PCM TEM
circle one 7400 AHERA EPA LEVEL II

TECHNICIAN: EDWIN B. ELLIS III

CONTACT: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
01	IN FRONT OF 45 WALL	3		5		0930	1400	270	1350	
02	10' FROM BANK OF N.Y.	3		5		0931	1401	270	1350	
03	10' FROM SUBWAY	3		5		0932	1402	270	1350	
04	EXCHANGE PL. PIZZA SHOP	3		5		0935	1405	270	1350	
05	EXCHANGE PL. GARAGE	3		5		0936	1406	270	1350	
06	ADJACENT 45 WALL BUILDING	3		6		1100	1500	240	1440	
07	NEXT TO PHONE BOOTH	3		6		1101	1501	240	1440	
08	EXCHANGE PL. 5' BLIND	3		6		1403	1503	240	1440	
09	EXCHANGE PL. 5' PUB	3		6		1104	1504	240	1440	
10	EXCHANGE PL. 5' WHITE SHOP	3		6		1105	1505	240	1440	
11	FIELD BLANK									
12	FIELD BLANK									

COMMENTS:

SAMPLE BY: E. Ellis DATE: 9/8/02
SIGNATURE: Edwin B. Ellis III
RELEASED BY: Edwin B. Ellis III DATE: 9/8/02
SIGNATURE: Edwin B. Ellis III
RECEIVED BY: A. Cavigal DATE: 9/9/02
SIGNATURE: A. Cavigal

T02-09-029

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490
Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-026
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013771
PROJECT: NYC DEP, 45 Wall Street
DATE OF REPORT: 09/09/02
DATE OF ANALYSIS: 09/08/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (femtogram/cm ³)	TOTAL ASBESTOS AIR CONC. (microgram/cm ³)	TOTAL ASBESTOS FILTER CONC. (microgram/cm ³)	AIR CONC. FOR STRUCT. 0.555-5µm	AIR CONC. FOR STRUCT. 5-25.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-026-2194	In front of 45 Wall St.	1500	4	0.0551	0.0047	<0.0047	<18.15	NA	NA	NA	NA
02	T02-09-026-2195	10' from Bank of NY	1500	4	0.0551	0.0047	<0.0047	<18.15	NA	NA	NA	NA
03	T02-09-026-2196	5' from Subway entrance	1500	4	0.0551	0.0047	<0.0047	<18.15	NA	NA	NA	NA
04	T02-09-026-2197	Corner of William St.	1500	4	0.0551	0.0047	<0.0047	<18.15	NA	NA	NA	NA
05	T02-09-026-2198	20' West of William St.	1500	4	0.0551	0.0047	<0.0047	<18.15	NA	NA	NA	NA

Sanjit Verma

ANALYST
F. D'Amico

LABORATORY DIRECTOR
Sjoiro Dongoris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

2228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0680

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

Fax (212) 922-0680

	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
15	100	100	100	100	100
16	100	100	100	100	100
17	100	100	100	100	100
18	100	100	100	100	100
19	100	100	100	100	100
20	100	100	100	100	100
21	100	100	100	100	100
22	100	100	100	100	100
23	100	100	100	100	100
24	100	100	100	100	100
25	100	100	100	100	100
26	100	100	100	100	100
27	100	100	100	100	100
28	100	100	100	100	100
29	100	100	100	100	100
30	100	100	100	100	100
31	100	100	100	100	100
32	100	100	100	100	100
33	100	100	100	100	100
34	100	100	100	100	100
35	100	100	100	100	100
36	100	100	100	100	100
37	100	100	100	100	100
38	100	100	100	100	100
39	100	100	100	100	100
40	100	100	100	100	100
41	100	100	100	100	100
42	100	100	100	100	100
43	100	100	100	100	100
44	100	100	100	100	100
45	100	100	100	100	100
46	100	100	100	100	100
47	100	100	100	100	100
48	100	100	100	100	100
49	100	100	100	100	100
50	100	100	100	100	100
51	100	100	100	100	100
52	100	100	100	100	100
53	100	100	100	100	100
54	100	100	100	100	100
55	100	100	100	100	100
56	100	100	100	100	100
57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	1	

W&P FILE #: 1079.01.02

CLIENT: *DET*

PROJECT: ROOFS/FACADE
LOCATION: 45 WALL ST.

LABORATORY:

ANALYSIS METHOD:	PCM	TEM	TEM
circle one	7400	7400	7400

TECHNICIAN: EDWIN B. ELLIST

CONTACT:

SAMPLE NUMBER	SAMPLE DESCRIPTION LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (REPS)	CONCENTR. (lb./cc.)
01	IN FRONT OF 45 WALL ST.	3		5-55	1000 1500	300	1500	
02	10' FROM BANK OF NY	3		5-55	1001 1501	300	1500	
03	5' FROM SUBWAY ENTRANCE	3		5-55	1002 1502	300	1500	
04	CORNER OF WILLIAM ST.	3		5-55	1003 1503	300	1500	
05	20' WEST OF WILLIAM ST.	3		5-55	1004 1504	300	1500	
06	FIELD BLANK							
07	FIELD BLANK							

SAMPLE BY: <u>E. ELLIS III</u>	DATE: <u>9/7/02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>[Signature]</u>	DATE: <u>9/7/02</u>
SIGNATURE: <u>[Signature]</u>	<u>430 PM</u>
RECEIVED BY: <u>A. CATTING</u>	DATE: <u>9/9/02</u>
SIGNATURE: <u>[Signature]</u>	

502-09-026

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

09/11/2002 18:39 FAX 718 784 4085

000

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7490

Fax: (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-09-034

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013771

PROJECT: NYCDHP, 45 Wall St.

DATE OF REPORT: 09/10/02

DATE OF ANALYSIS: 09/10/02

EFFECTIVE FILTER AREA (mm²): 385**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY****LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.% ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct/cm ³)	TOTAL ASBESTOS AIR CONC. (direct/cm ³)	TOTAL ASBESTOS FILTER CONC. (air/mm ³)	AIR CONC. FOR STRUCT. 0.55-5.0um	AIR CONC. FOR STRUCT. 5-20.0um	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-034-2239	Club roof East	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
02	T02-09-034-2240	Club roof West	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
03	T02-09-034-2241	Club roof Middle	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
04	T02-09-034-2242	Club roof South	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
05	T02-09-034-2243	Club roof North	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA

ANALYST
E. SigmundLABORATORY DIRECTOR
Spirid Donagris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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.
- The liability of Athena Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

**228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630**

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

Immediate ⁺/a

CLIENT: DEP

PROJECT: ROOFS/FACADE
LOCATION: 45 WALL ST.

LOCATION: 45 WALL ST.

W&P FILE #: 1079.01.02

LABORATORY:

ANALYSIS METHOD: PCM

circle one

TECHNICIAN: EDWIN B. ELLISTIE

CONTACT:

ANALYSIS METHOD:	PCM	TEM	TEM

CHERRY EPA LEVEL II

[illegible]

SECRET

SAMPLE BY:	<u>B. ELLIS JR</u>	DATE:	<u>9/9/02</u>
SIGNATURE:	<u><i>B. Ellis JR</i></u>		
RELEASED BY:	<u><i>Cole B. Ellis JR</i></u>	DATE:	<u>9/9/02</u>
SIGNATURE:	<u><i>Cole B. Ellis JR</i></u>		<u>735 PM</u>
RECEIVED BY:	<u><i>A-CATIGAN</i></u>	DATE:	<u>9/10/02</u>
SIGNATURE:	<u><i>A-CATIGAN</i></u>		

SAMPLE TYPE CODES

1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE BIDE FOR ANALYSIS INFORMATION



ATHENICA

ENVIRONMENTAL SERVICES, INC.

Tel. (718) 784-7400
Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-09-037

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE C.O. AREA (mm²): 0.013771

PROJECT: NYC DEP, 45 Wall St.

DATE OF REPORT: 09/12/02

DATE OF ANALYSIS: 09/11/02

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (l)	C.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (fug./cm ³)	TOTAL ASBESTOS AIR CONC. (fug./cm ³)	TOTAL ASBESTOS FILTER CONC. (fug./mm ²)	AIR CONC. FOR STRUCT. 0.55-6µm	AIR CONC. FOR STRUCT. 8-15µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-037-2254	12 th Floor Balcony North side	1440	4	0.0551	0.0049	<0.0049	<18.15	NA	NA	NA	NA
02	T02-09-037-2255	12 th Floor Balcony Left	1440	4	0.0551	0.0049	<0.0049	<18.15	NA	NA	NA	NA
03	T02-09-037-2256	12 th Floor Balcony Middle	1440	4	0.0551	0.0049	<0.0049	<18.15	NA	NA	NA	NA
04	T02-09-037-2257	12 th Floor Balcony Right	1440	4	0.0551	0.0049	<0.0049	<18.15	NA	NA	NA	NA
05	T02-09-037-2258	12 th Floor Balcony South side	1440	4	0.0551	0.0049	<0.0049	<18.15	NA	NA	NA	NA

ANALYST
E. Shouba

LABORATORY DIRECTOR
Spina Donaghy

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (A.E.S.I.), is responsible only for information pertaining to sampling methods and the analysis.
- All sampling equipment was calibrated for daily (or) weekly. A.E.S.I. Inc., should be notified within this time frame for a true duplicate analysis.
- If A.E.S.I. 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 applied solely for the convenience of the client.
- The report reflects only the data 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 A.E.S.I. Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

TOTAL FEET: 43730 0

ASBESTOS INSPECTION REPORT Basis of Inspection:

TRU1128MN02

ONLY TYPEWRITTEN
APPLICATIONS WILL BE
ACCEPTED

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED
TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE
OF START OF THE WORK (ABATEMENT ACTIVITIES)

FEE EXEMPT: Yes

1. \$0.00

START DATE: 7/19/2002 COMPLETION DATE: 9/30/2002

FL	SF	LF
roof	5,500	0
roof	7,800	0
roof	400	0
22n	6,140	0
22n	2,550	0
18t	4,760	0
16t	2,740	0
16t	2,560	0
12t	2,800	0
12t	1,980	0
18t	3,500	0
	30,000	0

I. FACILITY

ADDRESS: 45 WALL STREET BORO: MANHATTAN ZIP: 10005
TYPE OFFACILITY: RESIDENTIAL BLOCK: 26 LOT: 21

II. BUILDING OWNER

NAME: 45 WALL STREET, LLC C/O ROCKROSE DEVELOP

TEL. #: (212) 375-1155

ADDRESS: n/a n/a CITY: n/a STATE: n/a ZIP: n/a

IV. ASBESTOS ABATEMENT CONTRACTOR

NAME: TRIO ASBESTOS REMOVAL CORP

TEL. #: (718) 961-4100 FEDERAL EMPLOYER IDENTIFICATION #:

PII

ADDRESS: 14-20 129TH STREET CITY: COLLEGE POINT STATE: NY ZIP: 11356

V. THIRD PARTY AIR MONITOR

NAME: WARREN & PANZER ENGINEERS, P.C.

TEL. #: (212) 922-0077

ADDRESS: 228 EAST 45TH STREET CITY: NEW YORK STATE: NY ZIP: 10017

VI. LABORATORY FOR SAMPLE ANALYSIS

NAME: WKP LABORATORIES C/O WARREN & PANZER

NYS ELAP #: 11251

ASBESTOS WORK SCHEDULE ☒ DAY ☒ EVENING ☐ NIGHT ☒ WEEKENDS ☒ WEEKDAYS

INSPECTOR NAME: R. RAMMOHAN SQUAD #: 1 BADGE #: A078

DATE OF INSPECTION: 9/14/02 TIME OF INSPECTION: From: 8 am AM ☒ PM ☐

To: 8 pm AM ☐ PM ☒

Contact at site: Miguel Rodriguez, 89450, Supervisor

Edwin B. Ellis III AH00-00613, project monitor.

Code 5

Inspection disclosed that the following sections were complied with: (Check all that apply)			
☐ 1-51 - Notifications, Reports, Plan	☐ 1-71 - Air Sampling and Monitoring	☐ 1-91 - Worker Protection	
☐ 1-101 - Materials and Equipment	☐ 1-116 - Work Place Preparation	☐ 1-117 - Worker Decontamination System	
☐ 1-118 - Waste Decontamination System	☐ 1-126 - Engineering Controls	☐ 1-127 - Entry/Exit Procedures	
☐ 1-129 - Maintenance of Barriers	☐ 1-138 - Encapsulation	☐ 1-139 - Enclosure	
☐ 1-140 - Glovebag	☐ 1-141 - Tent	☐ 1-137 - ACM Disturbance, Removal, Handling	
☐ 1-146 - Preliminary Clean-up	☐ 1-147 - Final Clean-up		
☐ Project not started _____ . Inspection			
revealed all ACM to be intact. New start date: ____/____/____			
☐ Project ongoing, expected completion date: ____/____/____			
☐ Project completed on or about: ____/____/____ . All surfaces, including abated surfaces are free of visible ACM and encapsulate			
☐ Follow up necessary on ____/____/____			
Samples taken: ☒ No ☐ Yes 1 _____ 2 _____ 3 _____			
4 _____ 5 _____ 6 _____ Photos taken: ☒ Yes ☐ No			
Additional comments: <i>The handler Supervisor and 8 handlers started plasticizing the side walk at 8am. At 9am two handlers each in scaffolds began cleaning the windows from 16th floor at Wall Street facade. At noon the two scaffolds completed up to 7th floor. Air monitoring was on going. The completed at 6:30pm on windows and awnings and ground floor windows of the Bank of NY, Starbucks coffee started. Cleaning completed and the waste bags were loaded in to the waste truck at 7:45pm. The crew and myself departed from the premise at 8pm. This will complete the cleaning of the entire building.</i>			
<i>Project completed.</i>			
BORO 1 = MANHATTAN 2 = BRONX 3 = BROOKLYN 4 = QUEENS 5 = STATEN ISLAND RESULT CODES 1 = VIOLATION ISSUED 2 = NO VIOLATION ISSUED 3 = NO ACCESS 4 = PROJECT NOT STARTED (NO NOV) 5 = PROJECT COMPLETED (NO NOV) RESULT CODE 5 SUPERVISOR INITIALS <i>RL</i>			


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 784-7490
 Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-09-051
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.013771
 PROJECT: NYCDEP, 45 Wall St.
 DATE OF REPORT: 09/15/02
 DATE OF ANALYSIS: 09/15/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (mm ² /cm ²)	TOTAL ASBESTOS AIR CONC. (gr/cc/cm ²)	TOTAL ASBESTOS FILTER CONC. (gr/mm ²)	AIR CONC. FOR STRUCT. 0.555-5µm	AIR CONC. FOR STRUCT. 525-9µm	ASBEST. TYPE CHRVS.	AMPLIB. ASBEST. TYPE SPECIFY
01	T02-09-051-2322	10' in front Starbucks	1680	4	0.0551	0.0042	<0.0042	<18.15	NA	NA	NA	NA
02	T02-09-051-2323	10' in front 45 Wall St.	1680	4	0.0551	0.0042	<0.0042	<18.15	NA	NA	NA	NA
03	T02-09-051-2324	10' in front Bank of NY	1680	4	0.0551	0.0042	<0.0042	<18.15	NA	NA	NA	NA
04	T02-09-051-2325	Adjacent to phone	1680	4	0.0551	0.0042	<0.0042	<18.15	NA	NA	NA	NA
05	T02-09-051-2326	5' in front Subway	1680	4	0.0551	0.0042	<0.0042	<18.15	NA	NA	NA	NA

E. Sioukji

 ANALYST
 E. Sioukji

 LABORATORY DIRECTOR
 Spiro Dougaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY (TEM) is a highly sensitive and accurate method for the detection and identification of asbestos fibers.
- 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.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

**2228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0830**

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

Fax (212) 922-0830

Q.2

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate⁺/a

W&P FILE #: 1079.01.02

CLIENT:

CLIENT: DEP
PROJECT: ROOFS/FACADES
LOCATION: 45 WALL ST.

LABORATORY:

ANALYSIS METHOD:	PCM	TEM	TEM
circle one	7400	AHERA	EPA LEVEL

TECHNICIAN: EDWIN B. ELLIS ET.

CONTACT:

[illegible]

COMMENTS:

T02-09-051

SAMPLE BY: <u>E. EYUS</u>	DATE: <u>9/18/02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>[Signature]</u>	DATE: <u>9/14/02</u>
SIGNATURE: <u>[Signature]</u>	<u>7:30 pm</u>
RECEIVED BY: <u>A. CATHAY</u>	DATE: <u>9/15/02</u>
SIGNATURE: <u>[Signature]</u>	

SAMPLE TYPE CODES

1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - <u>During Abatement</u>	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-123

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 45 Wall St.

DATE OF REPORT: 08/24/02

DATE OF ANALYSIS: 08/24/02

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct/cm ³)	TOTAL ASBESTOS AIR CONC. (struct/cm ³)	TOTAL ASBESTOS FILTER CONC. (struct/cm ³)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5-25µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-123-1838	Inside Decon	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
02	T02-08-123-1839	TWA North west window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
03	T02-08-123-1840	TWA South west window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
04	T02-08-123-1841	Entrance to work area	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
05	T02-08-123-1842	TWA North east window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
06	T02-08-123-1843	TWA South east window 22 nd Flr.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Sam Dimgans

LABORATORY DIRECTOR
Spino Dimgans

LABORATORY CERTIFICATION INFORMATION

- 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 makes only to items listed. This report must not be used to claim product endorsement by NYS A/P 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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WARREN & PANZER ENGINEERS, P. C.

PAGE 01 OF 01

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a P.O.

CLIENT: D.E.P. W&P FILE #: 1070-01-01 CONTACT: _____
 PROJECT: 45 WALL ST LABORATORY: _____
 LOCATION: 22nd Windows ANALYSIS METHOD: PCM TEM _____
 circle and 7400 AHERA EPA LEVEL II
 TECHNICIAN: S. GALLAGHER

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc.)
1	Inside DRCON	3		4	4	10:00	15:30	330	1320	
2	12th North West Window 22 nd					10:02	15:32			
3	11 South West Window 22 nd					10:02	15:32			
4	Entrance to Work Area					10:03	15:33			
5	12th North East Window 22 nd					10:04	15:34			
6	11 South East Window 22 nd	3		4	4	10:04	15:34	330	1320	
7	F-3	1								
8	F-3	1								
9	F-3	1								

COMMENTS:

SAMPLE BY: S. GALLAGHER DATE: 8-23-02
 SIGNATURE: [Signature]
 RELEASED BY: [Signature] DATE: 8-23-02
 SIGNATURE: [Signature]
 RECEIVED BY: A. GALLAGHER DATE: 8/23/02
 SIGNATURE: [Signature]

102-08-123

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

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