



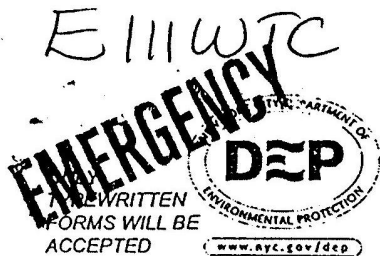
ASBESTOS REMOVAL CORP.
 14-20 129th Street
 College Point, New York 11356
 (718) 961-4100 • Fax # (718) 961-4103

NYC DEP
PROJECT 50 BROAD STREET
NEW YORK, NY

CONTRACT# ROF-REM3
INVOICE # 30
DATE 10/2/2002

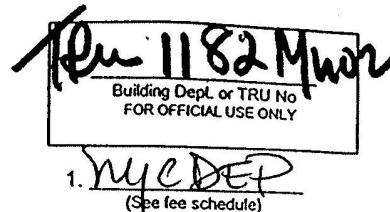
ITEM#	DESCRIPTION OF ITEM	UNIT PRICE	TY/SQ. FT.	TOTAL VALUE
1	Roof cleanup-Asphalt/Uncovered Surface up to 2500 sq. ft. of clean-up per bldg/structure	\$ 1.00	0	\$ -
2	Roof cleanup-Asphalt/Uncovered Surface between 2500 sq. ft. 5000 sq. ft.	\$ 0.85	0	\$0.00
3	Roof cleanup-Asphalt/Uncovered Surface greater than 5000 sq. ft.	\$ 0.80	13500	\$ 10,800.00
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	0
6	Roof cleanup-Gravel/Stone Greater than 5000 Sq. FT.	\$ 2.50	0	0
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	42120	103194
TOTAL				\$ 113,994.00

R. Radh...
Sent to Deming
1-17-03



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

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)



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 50 Broad Street Borough Manhattan Zip 10004
AKA _____ 3. Block 24 4. Lot 36
5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name 50 Broad Str., Inc./50 New Str., Inc. 8. Contact Person _____
9. Tel. # 212-425-1058 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 7/29/02 Projected completion date 8/29/02

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from: _____ am _____ pm to _____ 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

55,620 Square Feet, and/or _____ Linear Feet




ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7440

Fax. (718) 784-4085

CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T02-08-015

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 50 Broad Street

DATE OF REPORT: 08/05/02

DATE OF ANALYSIS: 08/04/02

 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 (micrograms/m ³)	TOTAL ASBESTOS AIR CONC. (micrograms/m ³)	TOTAL ASBESTOS FILTER CONC. (micrograms/m ³)	AIR CONC. FOR 0.555-5µm	AIR CONC. FOR STRUCT. S>5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-08-015-1273	By decon	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE02	T02-08-015-1274	OWA Right side	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE03	T02-08-015-1275	OWA Left side	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE04	T02-08-015-1276	On roof right side (22FF)	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE05	T02-08-015-1277	On roof left side (22FF)	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA

ANALYST

F. Skolnik

LABORATORY DIRECTOR

Spiro Douganis

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 activities 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) 922-0630**

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

0690-776 (717) XHJ

CLIENT: ~~SO~~ NYC DEP

PROJECT: 50 BROAD ST

LOCATION: FACADE

	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
100%	100%	100%	100%	100%	100%
90%	90%	90%	90%	90%	90%
80%	80%	80%	80%	80%	80%
70%	70%	70%	70%	70%	70%
60%	60%	60%	60%	60%	60%
50%	50%	50%	50%	50%	50%
40%	40%	40%	40%	40%	40%
30%	30%	30%	30%	30%	30%
20%	20%	20%	20%	20%	20%
10%	10%	10%	10%	10%	10%
0%	0%	0%	0%	0%	0%

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD:

Circle One

TECHNICIAN: Dipo Elcano

TEM TEM

AHERA / EPA LEVEL II

CONTACT: MICHAEL NOLAN

570-80-801

[illegible]

SAMPLE BY: <u>DIPD E. Lem</u>	DATE: <u>8/3/02</u>
SIGNATURE: <u>Dup</u>	
RELEASED BY: <u>DIPD E. Lem</u>	DATE: <u>8/3/02</u>
SIGNATURE: _____	
RECEIVED BY: <u>E. S. Lem</u>	DATE: <u>8/4/02</u>
SIGNATURE: <u>[Signature]</u>	

Stop flow rate = 0.9
 $AV = \frac{0.9}{0.4 + 0.6} = 0.9$
 Total flow rate = 6.5

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 AND


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 784-7480
 Fax. (718) 784-4085

 CLIENT: Warren & Panzer Engineers, P. C.
 LABORATORY ID #: T02-08-039
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE C.O. AREA (mm²): 0.012422

 PROJECT: NYC DEP, 50 Broad St.
 DATE OF REPORT: 08/09/02
 DATE OF ANALYSIS: 08/09/02
 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY
LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	C.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (trans./cm ²)	TOTAL ASBESTOS AIR CONC. (trans./cm ²)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUHT. 0.5-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-039-1398	Stair case to roof	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
02	T02-08-039-1399	Parr East side of roof	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
03	T02-08-039-1400	East side roof	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
04	T02-08-039-1401	Middle of roof	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
05	T02-08-039-1402	West side of roof	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA

 ANALYST
 E. Dimitrakas

 LABORATORY DIRECTOR
 Spino Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Air sampling cassettes will be stored for study (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 on its test results. This report must not be used to claim product endorsement of the 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) 922-0830**

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}

PAGE _____ OF _____

P.O.

CLIENT: NYC DEP

W&P FILE #: 1079.01.02

LABORATORY:

PROJECT: ROOFS/PARTIALS

LOCATION: 50 Broad St.

LABORATORY: 104 E. 11th St.

ANALYSIS METHOD	PCM	TEM	TEM
-----------------	-----	-----	-----

circle one : 7400 AHERA EPA LEVEL II

TECHNICIAN: EDWIN B. ELLISTE

CONTACT: MIKE VOLAN

[illegible]

702-08-039

SAMPLE BY: Er Ellis DATE: 2/8/02

SIGNATURE: [Signature]

RELEASED BY: *WJ* *P* *CD* DATE: *7/27*

SIGNATURE: David D. Galt 12/20/2011

RECEIVED BY: E. Siombi DATE: 8/9/02

SIGNATURE: _____

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


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel: (718) 704-7490
 Fax: (718) 704-4085

 CLIENT: Warren & Panzer Engineers, P. C.
 LABORATORY ID #: T02-08-053
 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, 50 Broad Street
 DATE OF REPORT: 08/12/02
 DATE OF ANALYSIS: 08/12/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (m)	G.O.% ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (struck/cm ²)	TOTAL ASBESTOS AIR CONC. (struck/cm ²)	TOTAL ASBESTOS FILTER CONC. (struck/cm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5-10µm	ASBEST. TYPE CHRYS.	ANTHIB. ASBEST. TYPE SPECIFY
001	T02-08-053-1473	Front of 50 Broad entrance	1260	6	0.0745	0.0041	<0.0041	<13.42	NA	NA	NA	NA
002	T02-08-053-1474	15ft from building entrance	1260	6	0.0745	0.0041	<0.0041	<13.42	NA	NA	NA	NA
003	T02-08-053-1475	Front of store front	1260	6	0.0745	0.0041	<0.0041	<13.42	NA	NA	NA	NA
004	T02-08-053-1476	Front of Subway exit	1260	6	0.0745	0.0041	<0.0041	<13.42	NA	NA	NA	NA
005	T02-08-053-1477	Front of store front	1260	6	0.0745	0.0041	<0.0041	<13.42	NA	NA	NA	NA

 ANALYST
 E. Dimitrakos

 LABORATORY DIRECTOR
 Spiro Douganis

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 analyses will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- 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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**2228 East 45th Street
New York, NY 10017
(212) 922-8077
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
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	

CLIENT: NYC DEP W&P FILE #: 1077.07.02
LABORATORY: _____

30.70.1101 11.71 1984

LABORATORY:

PROJECT: 50 BROAD ST.
LOCATION: 60 BROAD ST.
ANALYSIS METHOD: PCM
circle one
TEM TEM
AHERA EPA LEVEL

TECHNICIAN: ELEN CASO

TEMA TEM
AHARA PALEVI

TEMPERATURE

TECHNICIAN: ELEN CASO

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
				START	STOP	ON	OFF			
001	FRONT OF SD POND EXTEND	3		3.5		10:20	16:30	360	1260	
002	15 FT POND W/40 KATS.	3		3.5		10:31	16:31	360	1260	
003	FRONT OF STONE POND (W/40 KATS.)	3		3.5		10:32	16:32	360	1260	
004	FRONT OF SANDWY REPT.	3		3.5		10:33	16:33	360	1260	
005	FRONT OF STONE POND (W/40 KATS.)	3		3.5		10:34	16:34	360	1260	
006	FIELD B/LANK	1								
007	FIELD B/LANK	1								
008	FIELD B/LANK	1								

COMPONENTS.

702-08-053

SAMPLE BY: ELKIN, PAO DATE: 2/1/82

SIGNATURE: 

RELEASED BY: AA DATE: 8/1/82

SIGNATURE: [Signature]

RECEIVED BY: E. Sionki DATE: 8/12/02

SIGNATURE: _____

SAMPLE TYPE CODES

1 - Blank

2 - Pre-Abatement

3 - During Abatement

4 - During Glove Bag Removal

ance (inside)

ance {outside}

7 - Personal

8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

08/12/2002 09:37 FAX 718 784 4085

008

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 764-7460
Fax. (718) 764-4085

CLIENT: Wanca & Panza Engineers, P.C.
LABORATORY ID #: T02-08-050
ANALYT. METHODOLOGY: AIHRA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 50 Broad Street
DATE OF REPORT: 08/11/02
DATE OF ANALYSIS: 08/11/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (stdev/cm ²)	TOTAL ASBESTOS AIR CONC. (stdev/cm ²)	TOTAL ASBESTOS FILTER CONC. (stdev/cm ²)	AIR CONC. FOR STRUCT. 0.5-5.0um	AIR CONC. FOR STRUCT. 0.5-10um	ASBEST. TYPE CHRG.	AMPHIB. ASBEST. TYPE SPECIFY
001	T02-08-050-1456	Front of 50 Broad entrance	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
002	T02-08-050-1457	Across Liberty track	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
003	T02-08-050-1458	Front of Subway entrance	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
004	T02-08-050-1459	Front of Island	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
005	T02-08-050-1460	At end of work area	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA

Don Doughty
ANALYST

F. Stouckri
ANALYST

Don Doughty
LABORATORY DIRECTOR

Spirito Doughty
LABORATORY DIRECTOR

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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