

**ASBESTOS REMOVAL CORP.**

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

NYC DEP
PROJECT 106 LIBERTY ST
NEW YORK, NY

CONTRACT# ROF-REM3
INVOICE # 26
DATE 8/6/2002

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	3600	\$3,060.00
3	Roof cleanup-Asphalt/Uncovered Surface greater than 5000 sq. ft.	\$ 0.80	0	\$ -
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	8800	21560
TOTAL				\$ 24,620.00

Please Note: DEP inadvertently indicated item #7 which should have been filed as item#8.

E119wtc

ONLY
TYPEWRITTEN
FORMS WILL
BE ACCEPTED

EMERGENCY



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

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 12057102

Building Dept. of TRU No
FOR OFFICIAL USE ONLY

EX. DEP

1. _____
(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 106 Liberty Street Borough Manhattan Zip 10006
AKA 111 Cedar Street aka 112-114 Trinity Pl. 3. Block _____ 4. Lot _____
5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name 111 Cedar Street Co. c/o Sylvan Lawrence 8. Contact Person _____
9. Tel. # _____ Fax # _____
10. Address 100 William Street City NY State NY Zip 10038-5058

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. # P11 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 8/03/02 Projected completion date 8/11/02

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

Shift from: 8 am ☐ pm to 8 am ☒ pm

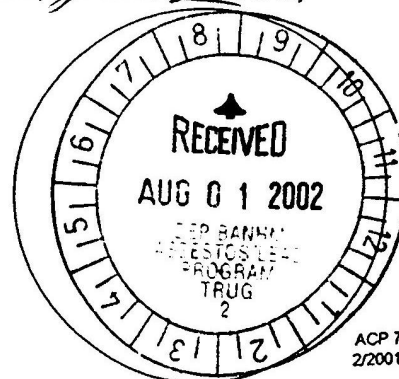
If other,
specify _____

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

12,400 Square Feet, and/or — Linear Feet

MMH
8/11/02



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/Rd 3 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)

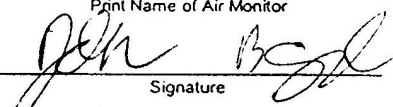
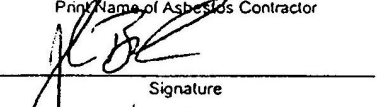
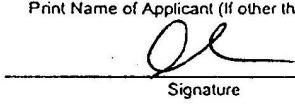
- ☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

1205 MNO2

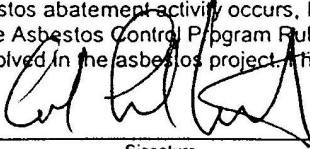
30. LOCATIONS OF ABATEMENT

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 SQUARE FEET	LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Roof	Item No. 2	Asphalt Roof	3600		
Facade	Item No. 7	Facades (NO. 50, Ea)	8800		

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.

Warren & Panzer Print Name of Air Monitor  Signature <u>6.28.02</u> Date	Trio Asbestos Rmvl.Crp Print Name of Asbestos Contractor  Signature <u>6/28/02</u> Date	NYC 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.

c/o NYC  7/2/02
 Print Name of Owner 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

ASBESTOS INSPECTION REPORT

PAGE 1 OF

PREMISE ADDRESS 106 Liberty Street (AKA) 111 Cedar Street					INSPECTION DATE 8/04/02 & 8/05/02	
FLOOR Roof & Facade	ZIP 10006	BORO CODE 1	BLOCK	LOT	SQUAD 1	BADGE # AO78
INSPECTOR R. RAMMOHAN		BLDG. TYPE B	BASIS OF INSPECTION TRU1204MN02			PHOTOS TAKEN YES
CONTRACTORS NAME Trinity Asbestos Removal Corp.				SAMPLE NO. -----		
ADDRESS 14-20, 120 th Street College Point				SAMPLE NO. -----		
STATE NY ZIP 11356 (PHONE) (718) 961-4100				SAMPLE NO. -----		
LABORATORY NAME Warren & Panzer Engineers, P.C.				OWNERS NAME 111 Cedar Street Co. C/O Sylven Lawrence		
ADDRESS 228 East 45 th Street New York				ADDRESS 100 William Street New York		
STATE NY ZIP 10017 (PHONE) (212) 922-0077				STATE NY ZIP (PHONE) (212) 344-0044		
CONTACT PERSON Joe Bonder				TIME OF INSPECTION FROM: 8 am - 8 pm		
INSPECTION DISCLOSED: 8/03/02: Saturday: Handler Supervisor Sasa Simic and 6 handlers and the Air-sampling Technician John Boyd came on site. Crew set-up dykes on cedar street, Trinity Place and Liberty street. Crew of four started on the roof cleaning A/C units & Donnage. At the end of the day crew completed the roof. Air monitoring was performed through the clean-up. 8/04/02: Sunday: Handler Supervisor Sasa Simic and seven Handlers started to set-up dykes on Trinity Place, Cedar Street and Liberty Street sidewalks for facades cleaning. The boom truck was moved to Liberty Street and facade cleaning started after setting-up dykes with plastic on the scaffolding bridge. A second crew comprising Supervisor Jan Wolkowicz and six handlers started cleaning the facade under the bridge. The Air monitoring was performed by Ellis of Warren & Panzer. The facade on Liberty Street was completed. Sasa and crew started cleaning the facade of Cedar Street using the boom truck. Cleaning complete at 2:00 pm visual inspection was satisfactory. The boom truck was moved to 113-117 Cedar Street to clean the three rows of windows from west side, that was over sprayed by the crew at 114 Cedar Street. Crew also cleaned the Granite facade face of 113-117 Cedar Street. All cleaning completed and the crew left the site after cleaning all three sidewalks.						
NOV #	INFRACTIONS					RESULT CODE 5
NOV #						SUPERVISORS INITIALS slp

BORO 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 PROPERTYRESULT CODES 1 = Violation Issued 2 = No Violation Issued 3 = No access
4 = Project not Started (no NOV) 5 = Public Owned Property

ACP3093

ASBESTOS INSPECTION REPORT

PAGE 1 OF

PREMISE ADDRESS 106 Liberty Street (AKA) 111 Cedar Street					INSPECTION DATE 8/04/02 & 8/05/02	
FLOOR Roof & Facade	ZIP 10006	BORO CODE 1	BLOCK	LOT	SQUAD 1	BADGE # AO78
INSPECTOR R. RAMMOHAN		BLDG. TYPE B	BASIS OF INSPECTION TRU1204MN02			PHOTOS TAKEN YES
CONTRACTORS NAME Trio Asbestos Removal Corp.				SAMPLE NO. -----		
ADDRESS 14-20, 120 th Street College Point				SAMPLE NO. -----		
STATE NY ZIP 11356 PHONE (718) 961-4100				SAMPLE NO. -----		
LABORATORY NAME Warren & Panzer Engineers, P.C.				OWNERS NAME 111 Cedar Street Co. C/O Sylven Lawrence		
ADDRESS 228 East 45 th Street New York				ADDRESS 100 William Street New York		
STATE NY ZIP 10017 PHONE (212) 922-0077				STATE NY ZIP PHONE (212) 344-0044		
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ACP3093


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 784-7446
 Fax. (718) 784-4085

 CLIENT: Warrick & Partner Engineers, P.C.
 LABORATORY ID #: T02-08-019
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE C.O. AREA (mm²): 0.012422

 PROJECT: NYC DEP, 106 Liberty
 DATE OF REPORT: 08/05/02
 DATE OF ANALYSIS: 08/04/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (l)	G.O. % ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (detection)	TOTAL ASBESTOS AIR CONC. (direct/cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ³)	AIR CONC. FOR STRUCT. 0.55-5.0um	AIR CONC. FOR STRUCT. >5.0um	ASBEST. TYPE CHRYS.	ANALYT. ASBEST TYPE SPECIFY
IF UNACCEPTABLE FOR ANALYSIS												
8302-07	T02-08-019-1299	Inside roof	1750	4	0.0497	SAMPLE OVERLOADED WITH PARTICULATE MATERIAL RENDERING						
8302-08	T02-08-019-1300	Left side of 110 Trinity Street	1750	4	0.0497	0.0044	<0.0044	<20.13	NA	NA	NA	NA
8302-09	T02-08-019-1301	Middle of 110 Trinity Street	1750	4	0.0497	0.0044	<0.0044	<20.13	NA	NA	NA	NA
8302-10	T02-08-019-1302	Right of 110 Trinity Street	1750	4	0.0497	0.0044	<0.0044	<20.13	NA	NA	NA	NA
8302-06	T02-08-019-1303	By decon	1880	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

E. Siucki

 ANALYST
 E. Siucki

 LABORATORY DIRECTOR
 Spiro Dougenis

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.



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 704-7466
Fax. (718) 704-4055

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-019

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYCDP, 106 Liberty

DATE OF REPORT: 08/05/02

DATE OF ANALYSIS: 08/04/02

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (femto/cm ³)	TOTAL ASBESTOS AIR CONC. (femto/cm ³)	TOTAL ASBESTOS FILTER CONC. (femto/cm ³)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5.5-9µm	ASBEST. TYPE CHRYE.	AHERA ASBEST. TYPE SPECIFY
8302-01	T02-08-019-1294	By decon	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
8302-02	T02-08-019-1295	In front of job. Cradle left	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
8302-03	T02-08-019-1296	In front of job. Cradle left middle	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
8302-04	T02-08-019-1297	In front of job. Cradle right middle	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
8302-05	T02-08-019-1298	In front of job. Cradle right	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA

ANALYST

R. Sivetti

LABORATORY DIRECTOR

Spino Dongais

LABORATORY CERTIFICATE OF ANALYSIS

- 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 expected 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 NYS 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) 704-7490
 Fax. (718) 704-4083

 CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-08-013
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: MCE
 AVERAGE G.O. AREA (mm²): 0.012422

 PROJECT: NYC DEP, 106 Liberty street
 DATE OF REPORT: 08/05/02
 DATE OF ANALYSIS: 08/04/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	EAB. ID #	LOCATION	VOLUME (m ³)	G.O.'s ANALYZED	AREA ANALYT. ZONE (mm ²)	ANALYT. SENSITV. (microgram)	TOTAL ASBESTOS AIR CONC. (microgram)	TOTAL ASBESTOS FILTER CONC. (microgram)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHYRS.	MATERIAL ASBEST. TYPE SPECIFY
01	T02-08-013-1263	North side roof	2100	3	0.0373	0.0049	<0.0049	<26.83	NA	NA	NA	NA
02	T02-08-014-1264	West side roof	2100	3	0.0373	0.0049	<0.0049	<26.83	NA	NA	NA	NA
03	T02-08-014-1265	East side roof	2100	3	0.0373	0.0049	<0.0049	<26.83	NA	NA	NA	NA
04	T02-08-014-1266	West side roof	2100	3	0.0373	0.0049	<0.0049	<26.83	NA	NA	NA	NA
05	T02-08-014-1267	North east side roof	2100	3	0.0373	0.0049	<0.0049	<26.83	NA	NA	NA	NA

ANALYST

E. Stoukai

LABORATORY DIRECTOR

Bruce Duggan

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a free duplicate analysis.
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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 ⁺/a

PAGE ____ OF ____

P.O. _____

CLIENT: NYC DEP
PROJECT: ROOFS/FACADE
LOCATION: 106 LIBERTY ST.

W&P FILE #: 1079.01.02
LABORATORY: _____
ANALYSIS METHOD: PCM TEM TEM
Office one 7400 AHERM EPA LEVEL II
TECHNICIAN: EDWIN B. ELLIS III
CONTACT: _____
T02-08-013

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (l/m ³)	CONCENTR (ftb/cft.)
01	NORTHSIDE ROOF	3		10	10	0900	1230	210	2100	
02	WESTSIDE ROOF	3		10	10	0901	1231	210	2100	
03	EASTSIDE ROOF	3		10	10	0902	1232	210	2100	
04	WESTSIDE ROOF	3		10	10	0903	1233	210	2100	
05	NORTHEAST ROOF	3		10	10	0905	1155	170	1700	
06	FIELD BLANK									
07	FIELD BLANK									
08	SEMI-FIELD BLANK									

SAMPLE BY: E. ELLIS DATE: 8/3/02
SIGNATURE: [Signature]
RELEASED BY: [Signature] DATE: 8/3/02
SIGNATURE: [Signature]
RECEIVED BY: E. Siarka DATE: 8/4/02
SIGNATURE: [Signature]

COMMENTS: T. C. ...
authorize air monitor to exceed
1800 L

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