

**ASBESTOS REMOVAL CORP.**

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

NYC DEP
 PROJECT 29 BROADWAY
 NEW YORK, NY

CONTRACT# ROF-REM3
 INVOICE # 28
 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	0	\$0.00
3	Roof cleanup-Asphalt/Uncovered Surface greater than 5000 sq. ft.	\$ 0.80	17775	\$ 14,220.00
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	9950	24377.5
TOTAL				\$ 38,597.50

— E103 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)**

File 11274N02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

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 NYC DEP 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 29 Broadway Borough Manhattan Zip 10004
AKA _____ 3. Block 20 4. Lot 1
5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name Trinity Morris Corp. 8. Contact Person _____
9. Tel. # 212-425-2950 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

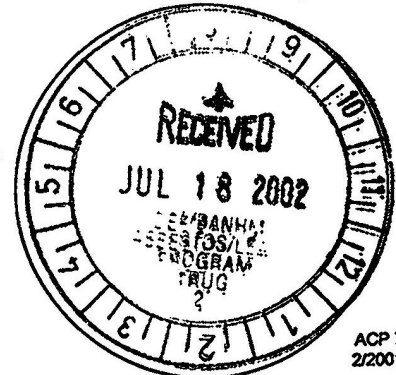
V. THIRD PARTY AIR MONITOR

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 7/19/2002 Projected completion date 8/1/2002
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.



ACP 7
2/2001

25. Total amount of asbestos-containing material to be abated during this work
27,725 Square Feet, and/or _____ Linear Feet

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)

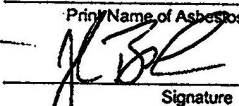
- ☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

TRU 1127-HN02

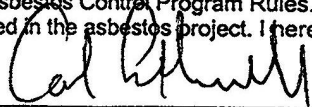
Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
30th	Item No. 3	Setback Roof	2500		
29th	Item No. 3	Setback Roof	2000		
26th	Item No. 3	Setback Roof	2000		
22nd	Item No. 3	Setback Roof	2500		
19th	Item No. 3	Setback Roof	650		
6th	Item No. 3	Roof/HVAC Equip.	7450		
6th	Item No. 8	Facade/Walls	500		
Court-yard	Item No. 3	Roof	675		
Court-yard	Item No. 8	Facade	9450		

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>7-17-02</u> Date	Trio Asbestos Rvl.Crp. Print Name of Asbestos Contractor  Signature <u>7/16/02</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.

Trinity Morris Corp. c/o NYC
 Print Name of Owner


 Signature

7/18/02
 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



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7498
Fax: (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-07-030
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.008643

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 29 Broadway
DATE OF REPORT: 07/29/02
DATE OF ANALYSIS: 07/28/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (m)	G.O. % ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detection limit)	TOTAL ASBESTOS AIR CONC. (micrograms/m ³)	TOTAL ASBESTOS FILTER CONC. (micrograms)	AIR CONC. FOR STRUCT. 0.5-5.0 µm	AIR CONC. FOR STRUCT. >5.0 µm	ASBEST. TYPE CHRYSLER	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-07-030-1094	26 th floor set back east	1302	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-030-1095	26 th floor set back west	1302	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-030-1096	22 nd floor east side	1330	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA
4	T02-07-030-1097	22 nd floor west side	1330	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA
5	T02-07-030-1098	Decor	1320	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA

E. Skouli

ANALYST
E. Skouli

Emilio Spicco

LABORATORY DIRECTOR
Spico Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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 in 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.

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

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

PAGE _____ **OF** _____

Q. 2.

W&P FILE #: 1079-01-02

LABORATORY:

PROJECT: Roof Cleaning Set	ANALYSIS METHOD: PCM	TEM	TEM
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PROJECT:	ROOF CLEANING
LOCATION:	29 Broadway
ANALYSIS METHOD:	(random)
PCM	TEM
7400	AHERA EPA LEVEL II
circles one	

TECHNICIAN: DAVID GREENWELL

CONTACT: 1301 NO 17th-16 186-117-116

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (mg./cc.)
				START	STOP	ON	OFF			
1	26 th floor set back test	3	1	7	7	0900	1206	186	1302	
2	" " west	3	2	7	7	0901	1207	186	1302	
3	22 nd floor S. side	3	3	7	7	1040	1550	190	1330	
4	22 nd floor W. side	3	4	7	7	1241	1551	190	1330	
5	DECON	3	5	3	3	0910	1630	440	1320	
6	fuel oil blank	1								

COMMENTS:

11

SAMPLE BY: DAVID CZEPEKSKI DATE: 7/27/02
SIGNATURE: Daniel
RELEASED BY: DAVID CZEPEKSKI DATE: 7/27/02
SIGNATURE: Daniel
RECEIVED BY: E. Strain DATE: 7/28/02
SIGNATURE: ES

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

NEVER NEVER BE SIDE COB ANALYSIS INFORMATION


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7400

Fax. (718) 794-4085

CLIENT: Warren & Paez Engineers, P.C.

LABORATORY ID #: T02-07-021

ANALYT. METHODOLOGY: AHERA

 AVERAGE G.O. AREA (mm²): 0.008643

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYCDHP, 29 Broadway Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/25/02

 REPRESENTATIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.% ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detection limit)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/cm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-07-021-1049	New deck, 6 th floor	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
02	T02-07-021-1050	Rear part of building 6 th floor	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
03	T02-07-021-1051	In the middle of 6 th floor	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
04	T02-07-021-1052	Rear of roof	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
05	T02-07-021-1053	Back of roof	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA

 ANALYST
P. Timotheas

 LABORATORY DIRECTOR
Spiro Duganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 161958, ELAP 10935

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

07/25/2002 11:13 FAX 7187291878

KAM CONSULTANTS

03

220 East 93rd Street
New York, NY 10017
(212) 822-0077
Fax (212) 822-0830

WARREN & PANZER ENGINEERS, P.C.

PAGE 1 OF 1

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

24 hr⁺/a

12 hr⁺/a

6 hr⁺/a

3 hr⁺/a

Immediate

15 min

1 hr

1 day

1 week

1 month

1 year

10 years

RECEIVED

PO

DATE

TIME

BY

CLIENT:

PROJECT:

LOCATION:

W&P FILE #:

LABORATORY:

ANALYSIS METHOD:

TECHNICIAN:

DATE

TIME

BY

REMARKS

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (µg/loc.)
01	Room for wall work	3	01	6	1330	1830	300	1800	
02	Room for wall work	3	02	6	1331	1831	300	1800	
03	Room for wall work	3	03	6	1332	1832	300	1800	
04	Room for wall work	3	04	6	1333	1833	300	1800	
05	Room for wall work	3	05	6	1334	1834	300	1800	
06	Room for wall work	1							
07	Room for wall work	1							
08	Room for wall work	1							

COMMENTS:

SAMPLE BY:

SIGNATURE:

RELEASED BY:

SIGNATURE:

RECEIVED BY:

SIGNATURE:

DATE: 7-23-02

DATE: 7-23-02

DATE: 7-23-02

DATE: 7-23-02

DATE: 7-23-02

DATE: 7-23-02

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

ANALYSIS REPORT ASBESTOS IN AIR Transmission Electron Microscopy

CLIENT: WAREN & PANZER
PROJECT: Roof Cleaning - 29 Broadway

Lab ID#	Client Sample #	Sample Location	Volume (liters)	Filter Area (mm ²)	Analytical Sensitivity (microg/air)	Asbestos Type(s)	Asbestos Structure Detected (microns)	Structure Density (Total)	Structure Concentration (microg/air)
T-01	01		1800	385	0.0043	ND	0	0	0
T-02	02								
T-03	03								
T-04	05								
T-05									
T-06									
T-07									
T-08									
T-09									
T-10									

Area Analyzed: 0.0530 m²
Grid Opening Area: 0.009573 m² @ 0.0001
Date Collected: 7/23/02

Date Received: 7/24/02
Date Analyzed: 7/25/02
Date of Report: 7/25/02

Analyst: AB

Lab Director: George Kouravos

Analysis performed according to AIR22A Method (77A-40 C7A Test 703 - Appendix A) 3 samples will be tested for safety (77) drop and then released to the client upon request.

ASMA #: 100269

NIOSH-NVLAAP #: 100047

NIOSH-DOT ELAP#: 11273

07/31/2002 17:19 FAX 718 784 4085

002/004

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 29 Broadway
 DATE OF REPORT: 07/31/02
 DATE OF ANALYSIS: 07/31/02
 EFFECTIVE FILTER AREA (mm²): 385

CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-07-043
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.008643



Tel. (718) 784-7460
 Fax. (718) 784-4085

LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (ft ³)	G.O. ANAL. YZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (strut./cm ²)	TOTAL ASBESTOS AIR CONC. (strut./cm ²)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.55-0.35µm	AIR CONC. FOR STRUCT. 0.55-0.10µm	ASBEST. TYPE CHRYE.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-07-043-1164	Decor.	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-043-1165	Lobby Area East	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-043-1166	Lobby Area West	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
4	T02-07-043-1167	29 th Floor East	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
5	T02-07-043-1168	29 th Floor West	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA

E. Soudri

ANALYST
 E. Soudri

E. Soudri

LABORATORY DIRECTOR
 Spiro Dougaris

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 obtain 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.

07/31/2002 17:20 FAX 718 784 4085

003/004

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-4085

Fax. (718) 784-4085

CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T02-07-043

ANALYTE METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 29 Broadway

DATE OF REPORT: 07/31/02

DATE OF ANALYSIS: 07/31/02

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)	ANALYTE SENSITIVITY (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (µg./mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S>5µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
6	T02-07-043-1169	29 th Floor Entrance	1308	7	0.0605	0.0049	0.0049	16.53	0.0049	<0.0049	Chrys.	NA
7	T02-07-043-1170	Lobby IWA East	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
8	T02-07-043-1171	Lobby IWA West	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA

ANALYST
E. Skouli

LABORATORY DIRECTOR
Spiro Domingus**LABORATORY CERTIFICATION NUMBERS: NVLAP 191958, ELAP 10955**

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling sessions will be signed 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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07/31/2002 17:20 FAX 718 784 4085

004/004

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

228 East 45th Street
 New York, NY 10017
 (212) 822-8077
 Fax (212) 822-0536

PAGE 1 OF 2

P.O.

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

W&P FILE #: 1079-07-02

CONTACT: Benny 917 419 7847

CLIENT: NYC DEP

PROJECT: BUILDING RECONSTRUCTION

LOCATION: 29 BROADWAY ST

LABORATORY:

ANALYSIS METHOD: PCM
 circle one 7400

TECHNICIAN: DAVID GREENBERG

TEM
 AHERA
 EPA LEVEL II

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (mg/cc)
1	Decon I-W-A East	3	1	3	3	1255	2010	435	1305	
2	Lobby Area East	3	2	6	6	1300	1638	218	1308	
3	" " west	3	3	6	6	1301	1639	218	1308	
4	29th floor East	3	4	6	6	1710	2048	218	1308	
5	" " west	3	5	6	6	1711	2049	218	1308	
6	" " Entrance	3	6	6	6	1720	2058	218	1308	
7	Lobby I-W-A East	3	7	6	6	1750	2038	218	1308	
8	" " west	3	8	6	6	1701	2039	218	1308	
9	field blank	1								
10	field blank	1								

COMMENTS:

702-07-043

SAMPLE BY: <u>DAVID GREENBERG</u>	DATE: <u>7/30/02</u>
SIGNATURE: <u>David</u>	
RELEASED BY: <u>DAVID GREENBERG</u>	DATE: <u>7/30/02</u>
SIGNATURE: <u>David</u>	
RECEIVED BY: <u>G. Signin</u>	DATE: <u>7/30/02</u>
SIGNATURE: <u>sf</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



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 24, 2002, a roofing-cleaning project was completed at the building located at 29 Broadway. 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.

A handwritten signature in black ink, appearing to read 'Michael R. Nolan', with a long, sweeping horizontal line extending to the right.

Michael R. Nolan
Senior Project Manager

cc: Krish Radhakrishnan, PE
Attachment(s)

*A Member of
The Warren & Panzer Group*

07/25/2002 15:18 FAX 718 784 4085

006

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:

Abatement Contractor: TRIO Asbestos Removal Corp.

Job Location: 25 Broadway 6th 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: Robert Dwyer

Signature: Robert Dwyer

Date: 7-24-02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION ASBESTOS INSPECTION REPORT

TOTAL FEET: 27725 0

ONLY TYPEWRITTEN
APPLICATIONS WILL BE
ACCEPTED

TRU1127MN02

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

FL	SF	LF
30	2,500	0
29	2,000	0
26	2,000	0
22	2,500	0
19	650	0
6	7,450	0
6	500	0
Cyar	675	0
Cyar	9,450	0

START DATE: 7/19/02 COMPLETION DATE: 8/1/02

I. FACILITY

ADDRESS: 29 BROADWAY BORO: MANHATTAN ZIP: 10004
TYPE OFFACILITY: NYC AGENCY BLOCK: 20 LOT: 1

II. BUILDING OWNER

NAME: TRINITY MORRIS CORP.
TEL. #: (212) 425-2950
ADDRESS: n/a 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 E
NYS ELAP #: 11251

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

INSPECTOR NAME: R. RAMMOHAN SQUAD #: 1 BADGE #: A018

DATE OF INSPECTION: 7/23/02 TIME OF INSPECTION: From: 8 AM ☒ PM ☐

Contact at site: Mr. Phillip, Bldg Mgr. / Joe Bender, Proj. mgr. / Jan Wolkowicz, supervisor To: 6 AM ☐ PM ☒

Inspection disclosed that the following sections were complied with: (Check all that apply)

- | | | |
|---|--|---|
| ☐ 1-51 - Notifications, Reports, Pla | ☐ 1-71 - Air Sampling and Monitorin | ☐ 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, RemoveL, 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 encapsulat

☐ Follow up necessary on / /

Samples taken: ☒ No ☐ Yes 1 2 3

4 5 6 Photos taken: ☒ Yes ☐ No

Additional comments: Mobilization started at 8:30 am. to the 6th floor vacant area and decon was setup. Robert S. Draper Alt 01-17196 came to the site at 11^{am} and said that it was his 3rd project and would need help in setting up pumps and filling out his paper work and I advised him to contact his supervisor. Later Louis Soto, and Festy, the two air sampling Technicians came from other zones and trained Mr. Draper. Main roof vacuuming and cleaning completed at the end of the day.

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

2

SUPERVISOR INITIALS

qpp

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT

TOTAL FEET: 27725 0

ONLY TYPEWRITTEN
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TRU1127MN02

**NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED
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OF START OF THE WORK (ABATEMENT ACTIVITIES)**

FEE EXEMPT: Yes

1. \$0.00

FL	SF	LF
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22	2,500	0
19	650	0
6	7,450	0
6	500	0
Cyar	675	0
Cyar	9,450	0

START DATE: 7/19/02 COMPLETION DATE: 8/1/02

I. FACILITY

ADDRESS: 29 BROADWAY BORO: MANHATTAN ZIP: 10004
 TYPE OFFACILITY: NYC AGENCY BLOCK: 20 LOT: 1

II. BUILDING OWNER

NAME: TRINITY MORRIS CORP.
 TEL. #: (212) 425-2950
 ADDRESS: n/a 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 E
 NYS ELAP #: 11251

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

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

DATE OF INSPECTION: 7/24/02 TIME OF INSPECTION: From: 8 AM ☒ PM ☐

To: 5 AM ☐ PM ☒

Contact at site: Jan Wolkowicz and Seven Handlers. / Robert S. Draper, W&P.

Inspection disclosed that the following sections were complied with: (Check all that apply)

- | | | |
|---|--|---|
| ☐ 1-51 - Notifications, Reports, Pla | ☐ 1-71 - Air Sampling and Monitorin | ☐ 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, RemoveL, . 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 encapsulat

☐ Follow up necessary on / /

Samples taken: ☒ No ☐ Yes 1 2 3

4 5 6 Photos taken: ☐ Yes ☒ No

Additional comments: 19th Floor setback Vacuuming and cleaning started by a crew of 3 handlers.
On 6th floor setback with cooling units began by 4 handlers.

At the end of the day both the 19th and 6th floors were completed.

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SUPERVISOR INITIALS

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT

TOTAL FEET: 27725 0

ONLY TYPEWRITTEN
APPLICATIONS WILL BE
ACCEPTEDBasis of Inspection: **TRU1127MN02**
**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

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22	2,500	0
19	650	0
6	7,450	0
6	500	0
Cyar	675	0
Cyar	9,450	0

START DATE: 7/19/02 COMPLETION DATE: 8/1/02

I. FACILITY

ADDRESS: 29 BROADWAY BORO: MANHATTAN ZIP: 10004

TYPE OFFACILITY: NYC AGENCY BLOCK: 20 LOT: 1

II. BUILDING OWNER

NAME: TRINITY MORRIS CORP.

TEL. #: (212) 425-2950

ADDRESS: n/a 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 E

NYS ELAP #: 11251

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

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

DATE OF INSPECTION: 7/27/02 TIME OF INSPECTION: From: 8am AM ☒ PM ☐To: 6pm AM ☐ PM ☒

Contact at site: Jan Wolkowicz, +6 handlers / David Szekeles, W&P

Inspection disclosed that the following sections were complied with: (Check all that apply)

- | | | |
|---|--|---|
| ☐ 1-51 - Notifications, Reports, Pla | ☐ 1-71 - Air Sampling and Monitorin | ☐ 1-91 - Worker Protection |
| ☐ 1-101 - Materials and Equipment | ☐ 1-116 - Work Place Preparation | ☐ 1-117 - Worker Decontamination System |
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☐ 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 encapsulat☐ Follow up necessary on / /Samples taken: ☒ No ☐ Yes 1 2 34 5 6 Photos taken: ☐ Yes ☒ No

Additional comments: 26th floor setback vacuuming and cleaning started.
visual inspection was satisfactory at 2 pm.
22nd floor setback cleaning started at 3 pm.
and completed at 5:30 pm.

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2

SUPERVISOR INITIALS

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT**

TOTAL FEET: 27725 0

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OF START OF THE WORK (ABATEMENT ACTIVITIES)**

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1. \$0.00

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6	7,450	0
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Cyar	9,450	0

START DATE: 7/19/02 COMPLETION DATE: 8/1/02

I. FACILITY

ADDRESS: 29 BROADWAY BORO: MANHATTAN ZIP: 10004
TYPE OFFACILITY: NYC AGENCY BLOCK: 20 LOT: 1

II. BUILDING OWNER

NAME: TRINITY MORRIS CORP.
TEL #: (212) 425-2950
ADDRESS: n/a 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**
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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 E
NYS ELAP #: 11251

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

INSPECTOR NAME: R. Ramamohan SQUAD #: BADGE #:

DATE OF INSPECTION: 7/30/02 TIME OF INSPECTION: From: 8 am AM ☐ PM ☐

To: 8 pm AM ☐ PM ☐

Contact at site: Jan Wolkowicz + 5 handlers, David Ezekweli, W&P.

Inspection disclosed that the following sections were complied with: (Check all that apply)

☐ 1-51 - Notifications, Reports, Pla	☐ 1-71 - Air Sampling and Monitorin	☐ 1-91 - Worker Protection
☐ 1-101 - Materials and Equipment	☐ 1-116 - Work Place Preparation	☐ 1-117 - Worker Decontamination System
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☐ Project not started		

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☐ Project ongoing, expected completion date: / /
☐ Project completed on or about / / . All surfaces, including abated surfaces are free of visible ACM and encapsulat
☐ Follow up necessary on / /

Samples taken: ☒ No ☐ Yes 1 2 3
4 5 6 Photos taken: ☐ Yes ☒ No

Additional comments: Court yard facade: Work started after lunch due to delay in getting supplies. Sampling set up at 2nd floor ext where access gained to court yard. Facade cleaning completed at 5pm. and visual inspection was satisfactory.
29th floor set back: Crew started cleaning After the floor was vacant at 6pm. at 8pm the set back cleaning was completed and visual inspection was satisfactory.
Project completed.

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RESULT CODE

5

SUPERVISOR INITIALS