



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

NYC DEP
PROJECT 40 EXCHANGE PLACE
NEW YORK, NY

CONTRACT# ROF-REM3
INVOICE # 32
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	13560	\$ 10,848.00
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		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	45500	\$111,475.00
TOTAL				\$ 122,323.00

R. [Signature]

E150WTC
EMERGENCYONLY
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)

TRU 14544402
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. **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 40 Exchange Place Borough Manhattan Zip 10004
AKA 27 William Street 3. Block _____ 4. Lot _____
5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name _____ 8. Contact Person _____
9. Tel. # _____ 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 8/1/02 Projected completion date 9/30/02
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
59,060 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)

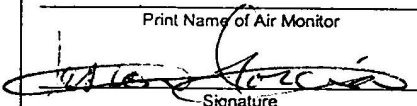
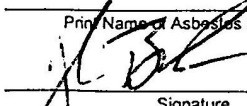
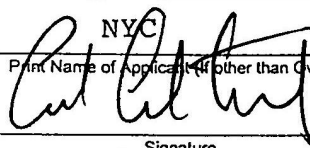
- ☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

TRK 1454 MINO 2

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.)
ROOFS	Item No. 3	Partial Roofs	13560	
Facades	Item No. 8	Partial Facades	45500	

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 _____ Date	Trio Asbestos Rvl.Crp. Print Name of Asbestos Contractor  Signature 7/24/02 Date	NYC Print Name of Applicant (if other than Owner)  Signature 7/24/02 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

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


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 764-7400
 Fax. (718) 764-4085

CLIENT: Warren & Parzer Engineers, P.C.

LABORATORY ID #: T02-08-119

ANALYT. METHODOLOGY: AHBRA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 40 Exchange Place

DATE OF REPORT: 08/23/02

DATE OF ANALYSIS: 08/23/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (m)	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. 0.558-8µm	AIR CONC. FOR STRUCT. 2.5-4µm	ASBEST. TYPE CHRYS.	ANALYT. ASBEST. TYPE SPECIFY
01	T02-08-119-1817	IWA east of W/A	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02	T02-08-119-1818	IWA right side of W/A (roof)	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
03	T02-08-119-1819	IWA 1 st middle of W/A (roof)	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
04	T02-08-119-1820	IWA 2 nd middle of W/A (roof)	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
05	T02-08-119-1821	IWA left side of W/A (roof)	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

Ben Smith for AES
Ben Smith for AES

 ANALYST
 R. Sienkowiak

 LABORATORY DIRECTOR
 Silvio Dominguez

LABORATORY CERTIFICATION NUMBERS: NVLAP 1601958, ELAP 16955

- Air sampling cascades 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 effort 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) 922-0530

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 ⁺/a

P.O.

CLIENT: NYC DEP

W&P FILE #: 1079 D/-02

CONTACT:

PROJECT: 40 ECHADGE PL
LOCATION: HECAD

LABORATORY: W&P
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERB EPA LEVEL II

TECHNICIAN: DPO

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
01	WA EAST OF WA	3		03	03	0815	1615	600	1800	
02	✓ right side of WA (root)	3		03	03	0816	1614	600	1800	
03	✓ 1st middle - (root)	3		03	03	0817	1617	600	1800	
04	✓ 2nd middle - (root)	3		03	03	0818	1618	600	1800	
05	✓ left side - roof	3		03	03	0820	1620	600	1800	
06	field Blank	1					NA			
07	✓	1					NA			
08	Sealed Blank	1					NA			

COMPLETED:

708-08-119

SAMPLE BY: DPO ELEM DATE: 8/24/02
SIGNATURE: DPO DATE: 8/22/02
RELEASED BY: DPO ELEM DATE: 8/22/02
SIGNATURE: DPO
RECEIVED BY: E. Sigurd DATE: 8/23/02
SIGNATURE: E

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


ATHÉNICA

ENVIRONMENTAL SERVICES INC.

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

 CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-08-111

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 40 Exchange Place, NYC

DATE OF REPORT: 08/23/02

DATE OF ANALYSIS: 08/22/02

 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. SENSITV. (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. >5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIF.
DE 01	T02-08-111-1777	IWA right side of WA 'A'	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
DU 02	T02-08-111-1778	IWA middle of WA 'A'	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
DE 03	T02-08-111-1779	IWA left side of WA 'A'	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
DE 04	T02-08-111-1780	IWA left side of WA 'B'	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
DE 05	T02-08-111-1781	IWA right side of WA 'B'	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA

Sam H. Hines
Sam H. Hines

ANALYST

E. Stohari

LABORATORY DIRECTOR

Spiro Dosagatis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Air sampling cassettes will be stored for sixty (60) days. AFS Inc., should be notified within this time frame for a true duplicate analysis.
- If AFS 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 AFS Inc.
- The liability of Athénica 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) 922-0877
Fax (212) 922-0830

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1

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

P.O. _____

CLIENT: NYC DEP
PROJECT: 40 EXCHANGE PL NYC
LOCATION: FACE

W&P FILE #: 1079-01-02
LABORATORY: W&P
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AMERA EPA LEVEL II
TECHNICIAN: D/PO

CONTACT: _____

702-08-111

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (µg/sec.)
DE01	WA right side of WA 'A'	3		03	07	1300	1800	300	1500	
DE02	✓ middle - 'A'	3		03	07	1301	1801	300	1500	
DE03	✓ left side - WA 'A'	3		03	07	1302	1802	300	1500	
DE04	✓ left side - 'B'	3		03	07	1303	1803	300	1500	
DE05	✓ right side - 'B'	3		03	07	1305	1805	300	1500	
DE06	field Blank	1								
DE07	✓ -	1								
DE08	sealed Blank	1								

NOTATION: 1 - LF - 1 - 2

Stop f/rate = 67

$N = \frac{347}{2} = \frac{10}{2} = 5 \text{ final f/rate}$

SAMPLE BY: D/PO Elmo DATE: 8/21/02
SIGNATURE: D/PO
RELEASED BY: D/PO Elmo DATE: 8/21/02
SIGNATURE: D/PO
RECEIVED BY: C. Stanton DATE: 8/22/02
SIGNATURE: Stanton

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) 784-4885

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Warren & Paez Engineers, P.C.
 LABORATORY ID #: T02-08-120

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.F.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 40 Exchange Pl, NY, NY

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 ³)	G.O. % ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (structure/cm)	TOTAL ASBESTOS AIR CONC. (structure/cm)	TOTAL ASBESTOS FILTER CONC. (structure/cm)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYS.	ANALYT. TYPE SPECIFY
01 IWA	T02-08-120-1822	On roof, Center of work area	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02 IWA	T02-08-120-1823	On roof, South section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
03 IWA	T02-08-120-1824	On roof, North section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
04 IWA	T02-08-120-1825	On roof, South-east section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
05 IWA	T02-08-120-1826	On roof, 2ft of door access to the roof.	1800	4	0.0497	0.0043	0.0043	20.13	0.0043	<0.0043	Chrys.	NA

E. Shonkri

 ANALYST
 E. Shonkri

E. Shonkri

 LABORATORY DIRECTOR
 Spito Dongaris

LABORATORY CERTIFICATION/STATEMENT OF ANALYST

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling certificates will be issued 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, DEP 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.

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

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 ⁺/a

P.O. _____

CLIENT: DEP.

W&P FILE #:

CONTACT: DE Representative.

PROJECT: DEP Roof Project.

LABORATORY: Warren and Panzer.

LIW#:

LOCATION: 405 Exchange Place, NY, NY.

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

SCA JOB#:

TECHNICIAN: Yury Bedin.

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg./cc.)
1 IWA	Center of Work Area.	3		4.0	4.0	8:15	15:45	450	1800	
2 IWA	on Roof, South Section of W.A.	3		4.0	4.0	8:17	15:47	450	1800	
3 IWA	on Roof, North Section of W.A.	3		4.0	4.0	8:19	15:49	450	1800	
4 IWA	on Roof, South Section of W.A.	3		4.0	4.0	8:21	15:51	450	1800	
5 IWA	25' to door access to the Roof.	3		4.0	4.0	8:23	15:53	450	1800	
6 —	Field Blank —									
7 —	Field Blank —									
8 —	CB —									

COMMENTS:

101-08-120

SAMPLE BY: Yury Bedin DATE: 8-23-02.
SIGNATURE: Yury Bedin.
RELEASED BY: Yury Bedin DATE: 8-23-02.
SIGNATURE: Yury Bedin
RECEIVED BY: A. C. G. A. C. DATE: 8/24/02
SIGNATURE: Yury Bedin Released - 18:00 PM.

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) 764-7400
 Fax. (718) 764-4025

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-139

ANALYT. METHODOLOGY: AIHRA

FILTER TYPE: M.C.B.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 40 Exchange Place

DATE OF REPORT: 08/27/02

DATE OF ANALYSIS: 08/27/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY
LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (L)	G.O. ANAL. YIELD	AREA ANAL. YIELD (mm ²)	ANALYT. SENSITIVITY (microgram ²)	TOTAL ASBESTOS AIR CONC. (microgram ²)	TOTAL ASBESTOS FILTER CONC. (microgram ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5-25.0µm	ASBEST. TYPE CHRYS.	ANALYT. TYPE SPECIFY
1 IWA	T02-08-139-1934	On roof, center of work area	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
2 IWA	T02-08-139-1935	On roof, east section of WA	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
3 IWA	T02-08-139-1936	On roof, west section of WA	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
4 IWA	T02-08-139-1937	On roof, 12' of door entrance to roof	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
5 OWA	T02-08-139-1938	On roof, 1' of door access to the roof	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA

ANALYST

E. Dimitrakas

LABORATORY DIRECTOR

Spiro Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, FLAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- As 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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- 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 & Panzer Engineers, P.C.
 LABORATORY ID #: T02-08-145

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.01222

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 40 Exchange Place

DATE OF REPORT: 08/28/02

DATE OF ANALYSIS: 08/28/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (m ³)	G.O. % ANAL. YZED	AREA ANALY. (mm ²)	ANALYT. SENSITV. (frrd/cm ²)	TOTAL ASBESTOS AIR CONC. (frrd/cm ³)	TOTAL ASBESTOS FILTER CONC. (frrd/mm ²)	AIR CONC. FOR STRUCT. 0.55-5.0um	AIR CONC. FOR STRUCT. >5.0um	ASBEST. TYPE CHRYS.	ALTDHD. ASBEST. TYPE SPECIES
11WA	T02-08-145-1964	On roof center of work area	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
21WA	T02-08-145-1965	On roof south section of WA	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
31WA	T02-08-145-1966	On roof south section of WA	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
41WA	T02-08-145-1967	On roof 15ft of door access to the roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
50WA	T02-08-145-1968	On roof 1ft of door entrance to roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

ANALYST

E. Dimitrakas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

LABORATORY DIRECTOR

Sprio Douglas

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Fax (212) 922-0690

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. Sample 2: ng.**
LOCATION: **40 Exchange Place NY, NY**
W&P FILE #: **1079.01.02**
LABORATORY: **Warren and Panzer**
ANALYSIS METHOD: **PCM** **TEM** **TEM**
circle one 7400 **AHERA** **EPA LEVEL II**
TECHNICIAN: **Yury Bedin**
CONTACT: **Mr. Michael Nolan**

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1 IWA	on Roof. Center of West Area	3		4.0	4.0	8:55	16:25	4:50	1800	
2 IWA	on Roof. North Section of W.A.	3		4.0	4.0	8:57	16:27	4:50	1800	
3 IWA	on Roof. South Section of W.A.	3		4.0	4.0	8:59	16:29	4:50	1800	
4 IWA	on Roof. 15th & Duane Streets to the Roof	3		4.0	4.0	9:01	16:31	4:50	1800	
5 OWA	on Roof. 14th & Duane St. to Roof	3		4.0	4.0	9:03	16:33	4:50	1800	
6 —	Field Blank	1								
7 —	Field Blank	1								
8 —	CB	1								

T02-08-145

SAMPLE BY: **Yury Bedin** DATE: **8-27-02**
SIGNATURE: **Yury Bedin**
RELEASED BY: **Yury Bedin** DATE: **8-27-02**
SIGNATURE: **Yury Bedin**
RECEIVED BY: **A. GATICA** DATE: **8/28/02**
SIGNATURE: **A. Gatica**

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) 784-4085

CLIENT: Warner & Panzer Engineers, P.C.
LABORATORY ID #: T02-08-148
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE C.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 40 Exchange Place, NY
DATE OF REPORT: 08/29/02
DATE OF ANALYSIS: 08/29/02
EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (cu)	ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detection)	TOTAL ASBESTOS AIR CONC. (fibers/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibers/mm ²)	AIR CONC. FOR STRUCT. 0.558-5.0um	AIR CONC. FOR STRUCT. >5.0um	ASBEST. TYPE: CHRYS.	AMPLIFIED ASBEST. TYPE SPECIFY
01 IWA	T02-08-148-1979	On roof, Center of work area	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02 IWA	T02-08-148-1980	On roof, West section of work area	1800	4	0.0497	0.0043	0.0086	40.25	0.0043	0.0043	Chrys.	NA
03 IWA	T02-08-148-1981	On roof, East section of W.A	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
04 IWA	T02-08-148-1982	On roof, 1ft of ladder leading to bottom of W.A	1800	4	0.0497	0.0043	0.0043	20.13	0.0043	<0.0043	Chrys.	NA
05OWA	T02-08-148-1983	On roof, 2ft of door entrance of roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

ANALYST

C. Siachai

LABORATORY DIRECTOR

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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

PAGE 1 OF 1

CLIENT: **DEP.**

24 hr⁺/a

12 hr⁺/a

6 hr⁺/a

3 hr⁺/a

Immediate ⁺/a

P.O. _____

PROJECT: **DEP Roof Project Sampling**
LOCATION: **40 Exchange Place, Midway**

LABORATORY: **Warren and Panzer**
ANALYSIS METHOD: **PCM** **TEM** **TEM**
circle one 7400 **AHERA** **EPA LEVEL II**

CONTACT: **Mr. M. Nolan**

TECHNICIAN: **Yury Bedin**

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
1	IWA. outlet Center of Work Area	3		4:0 4:0	8:57	16:27	4:50	1800	
2	IWA. outlet West Section of Work Area	3		4:0 4:0	8:59	16:29	4:50	1800	
3	IWA. outlet East Section of Work Area	3		4:0 4:0	9:01	16:31	4:50	1800	
4	IWA. outlet 1st of Ladder leading to Roof	3		4:0 4:0	9:03	16:33	4:50	1800	
5	IWA. outlet 2nd of Ladder leading to Roof	3		4:0 4:0	9:05	16:35	4:50	1800	
6	Field Blank								
7	Field Blank								
8	CB								

COMMENTS:

102-08-148

SAMPLE BY: **Yury Bedin** DATE: **8-28-02**
SIGNATURE: **Yury Bedin**
RELEASED BY: **Yury Bedin** DATE: **8-28-02**
SIGNATURE: **Yury Bedin**
RECEIVED BY: **AGCA GAI** DATE: **8/29/02**
SIGNATURE: **AGCA GAI**

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

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-004
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYCDHP, 40 Exchange Pl.
DATE OF REPORT: 09/05/02
DATE OF ANALYSIS: 09/05/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (dfu/cm ²)	TOTAL ASBESTOS AIR CONC. (grains/cm ³)	TOTAL ASBESTOS FILTER CONC. (gr./mm ²)	AIR CONC. FOR STRUCT. 0.5<5µm	AIR CONC. FOR STRUCT. 5<10µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
001	T02-09-004-2083	N side of the roof (W)	1305	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
002	T02-09-004-2084	N side of the roof (SW)	1305	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
003	T02-09-004-2085	S side of the roof (E)	1305	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
004	T02-09-004-2086	S side of the roof (Mid)	1305	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
005	T02-09-004-2087	Roof entrance	1305	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA

ANALYST
E. Sioukri

LABORATORY DIRECTOR
Spirio Douglas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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P.O.

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

CLIENT: **649**

CLIENT: DEP

CLIENT: ~~DEP~~
PROJECT: 40 Exchange Pl.
LOCATION: Windmill's (Bates Blvd)

W&P FILE #: 1079 C1 02

TURN AROUND: 24 hrs

TECHNICIAN: PAW/STREIN

Analysis/Method: PCM - 7400

TEM - AHERA

II TAVI YD3 - M31

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc.)
				START	STOP	ON	OFF			
001	Nucle of the roof (N)	3		3	3	9-20	16-45	435	1305	
002	" " " " (SW)	3		3	3	9-32	16-47	"	"	
003	S side of the roof (E)	3		3	3	8-35	16-50	"	"	
004	" " " " (NE)	3		3	3	9-37	16-52	"	"	
005	Roof Entrance	3		3	3	9-39	16-54	"	"	
006		1								
007	Blanks	1								
008		1								

SAMPLED BY:	FAIRGRIEVE	DATE: 9/4/02
SIGNATURE:	<i>[Signature]</i>	
RELEASED BY:	FAIRGRIEVE	DATE: 9/4/02
SIGNATURE:	<i>[Signature]</i>	
RECEIVED BY:	A. CATTIGAL	DATE: 9/5/02
SIGNATURE:	<i>[Signature]</i>	

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 19:41 FAX 718 784 4085

014

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7450

Fax: (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**CLIENT:** Warren & Panzer Engineers, P.C.**LABORATORY ID #:** T02-09-030**ANALYT. METHODOLOGY:** AHERA**FILTER TYPE:** M.C.E.**AVERAGE G.O. AREA (mm²):** 0.013771**PROJECT:** NYC DEP, 27 Williams St. (40 Exchange Place)**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. SENSITV. (struct/Lmm ²)	TOTAL ASBESTOS AIR CONC. (air/Lmm ²)	TOTAL ASBESTOS FILTER CONC. (µg/Lmm ²)	AIR CONC. FOR STRUCT. 0.5-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
ID 01	T02-09-030-2219	IWA North of Williams St.	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
ID 02	T02-09-030-2220	IWA second North of Williams	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
ID 03	T02-09-030-2221	IWA second South of Williams	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
ID 04	T02-09-030-2222	IWA South Williams St.	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
ID 05	T02-09-030-2223	Middle of work area	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA

ANALYST

E. Dimitrakas

LABORATORY DIRECTOR

Spiro Dongaris

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

TOTAL FEET: 59060 0

TRU1454MN02

FL	SF	LF
roof	13,560	0
faça	45,500	0

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: 8/1/2002 COMPLETION DATE: 9/30/2002

I. FACILITY

ADDRESS: 40 EXCHANGE PLACE BORO: MANHATTAN ZIP: 10004
TYPE OFFACILITY: BLOCK: LOT:

II. BUILDING OWNER

NAME: N/A
TEL. #:
ADDRESS: N/A N/A N/A N/A CITY: N/A STATE: N/A ZIP: 11368

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: 9/25/02 TIME OF INSPECTION: From: 8 am AM ☒ PM ☐

To: 1 pm AM ☐ PM ☒

Contact at site: Jan Walkowicz, supervisor / Steven Parmagiani, Proj. Mgr
Inspection disclosed that the following sections were complied with: (Check all that apply) Dip Slemey, Project Monitor.

☐ 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: The Supervisor and seven handlers came on site layed plastic and sebp dykes on sidewalk for the front facade on Exchange place. Three scaffolds with two handlers in each was up for windows washing. The work was delayed due to rain, and continued after. Scaffold #1 completed at 3 pm, and the two remaining completed only upto 7th floor of a total 16 floors. The out handler from each of #2 & #3 scaffolds were pulled out and substituted by #1 crew. The entire project was completed after visual inspection & re-cleaning of some windows at 9 pm. Project Completed in the building.

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
RA