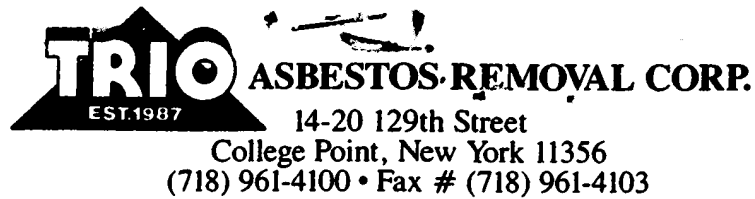


AKA 120 LIBERTY



NYC DEP
 PROJECT 120 LIBERTY/125 CEDAR
 NEW YORK, NY

CONTRACT# ROF-REM3
 INVOICE # 25
 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	13065	\$ 10,452.00
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	61140	\$ 149,793.00
TOTAL				\$ 160,245.00

*Invoice
 sent to Denise
 8-16-02*

JUN-19-2002 13:26

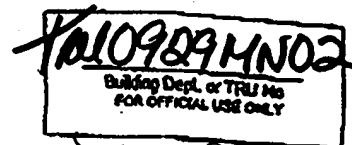
EMERGENCY

P.03

ONLY
TYPEWRITTEN
FORMS WILL BE
ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
55-17 Junction Boulevard, 5th Floor, Corona, NY 11368-6107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)



1. NYC DEP
(See fee schedule)

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

I. FACILITY

2. Address 120 Liberty St./125 Cedar St. Borough Manhattan Zip 10006

AKA _____

3. Block 52 4. Lot 21

5. Type of Facility _____

6. Name of Building _____

II. BUILDING OWNER7. Name 120 Liberty Street, LLC9. Tel. # (718) 830-0131 Fax # _____

8. Contact Person _____

10. Address _____

City _____

State _____

Zip _____

III. GENERAL CONTRACTOR

11. Name _____

Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR12. Name Trio Asbestos Removal Corp.13. Contact Person Chris Horan14. Federal Employer ID. # PII15. Tel. # 718-961-4100Fax # 718-961-410316. Address 14-20 129th StreetCity College PointState NYZip 11356**V. THIRD PARTY AIR MONITOR**17. Name Warren & Panzer Engineers, P.C.18. Contact Person Michael Nolan

19. Federal Employer ID. # _____

20. Tel. # 212-922-0077Fax # 212-922-063021. Address 228 East 45th StreetCity New YorkState NYZip 1125122. Sample Analysis Laboratory Warren & Panzer Engineers23. NYS DOH ELAP # 11251**VI. PROJECT INFORMATION**24. Starting date for this portion of work 6/20/02Projected completion date 6/30/02

Asbestos work schedule

☒ Monday☒ Tuesday☒ Wednesday☒ Thursday☒ Friday☒ Saturday☒ SundayShift from: 8 am☒ pmto 8 am☒ pmIf other,
specify _____

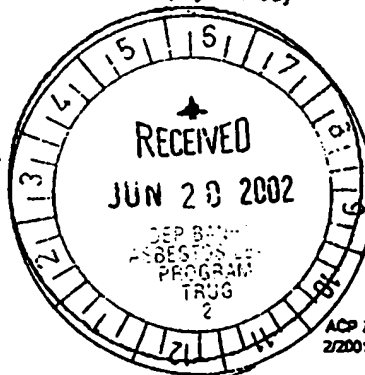
Access to inspect the premises must be provided during the work schedule indicated in this item.

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

82,205

Square Feet and/or

Linear Feet

40,805

DEP
BUREAU OF ENVIRONMENTAL
REMIEDIATION & ASBESTOS CONTROL
PROGRAM
TRUG 2

JUN-19-2002 13:26

P.04

ASBESTOS INSPECTION REPORT (continued)

Asbestos Transportation

26. Asbestos Hauler Co. Imperial/POB 47, 11 Boggs Rd., PA; Southern Alleghenies/Rd 3 NYS DEC Permit # 1A-371 TEL# 631-924-5050

Box 310, Valleyview, PA

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

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☐ Other (Describe) _____

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

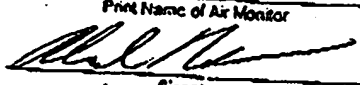
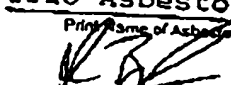
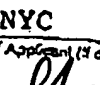
☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc.)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Roof	Item No. 3		11,565		
Walls	Item No. 8		3,635		
Facade	Item No. 8		41,400	CL	
	Air Shaft				
Roof	Item No. 3		1,500		
Walls	Item No. 8		24,105		

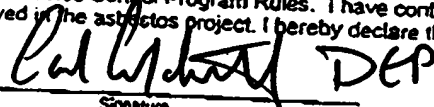
Handwritten: 110929MNO2

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>6/19/02</u> Date	Trio Asbestos Removal Corp Print Name of Asbestos Contractor  Signature <u>6/19/02</u> Date	NYC Print Name of Applicant (if other than Owner)  Signature _____ Date
---	--	--

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.

120 Liberty Str., LLC c/o NYC
 Print Name of Owner


 Signature
6/20/02
 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.

ACPT
2/2001



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

FOR OFFICIAL USE ONLY

Fee (if any) \$ 2002-A1649
 Amendment 1
 Information Only: ☐ Yes ☐ No

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

ACP7 TRU/BN# 929 M N 02 Facility Address 125 Cedar ST Borough _____

Date ACP7 was filed _____ Variance # (if any) _____

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

Original Start Date _____ Original Completion Date _____ from ACP 7, #24.

PLEASE ENTER THE INFORMATION THAT IS BEING CHANGED:

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

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Tro Asbestos Removal Corp. 13. Contact Person Joe Bender
 14. Federal Employer ID. # PII 15. Tel. # (918) 961-4100 Fax # _____
 16. Address 14-20 129th St. City College Pt. State NY Zip 11356

V. THIRD PARTY AIR MONITOR

17. Name Watten & Panger 18. Contact Person _____
 19. Federal Employer ID. # _____ 20. Tel. # _____ Fax # _____
 21. Address _____ City _____ State _____ Zip _____
 22. Sample Analysis Laboratory _____ 23. NYS DOH ELAP # _____

VI. PROJECT INFORMATION

24. Starting date for this portion of work 7/10/02 Projected completion date 8/10/02 ☐ Project Cancelled
☐ Project Postponed

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

Shift from: 8 ☒ am ☐ pm to 8 ☐ am ☒ pm If other, specify _____

25. Additional asbestos-containing material to be disturbed during this work 33,400 ^{facade item 8} Square Feet, and/or _____ Linear Feet
 Reduction in the amount of ACM to be disturbed during this work 0 Square Feet, and/or 0 Linear Feet

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

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

Other Changes _____

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

31/32. Name of Applicant / Owner Cal Lattin Tel. # XT 3673

Name of Company (if any) DEP Fax # _____

Address _____ City _____ State _____ Zip _____

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

Signature of Applicant / Owner

Date

ACP 8
2/2001

DEP
BUREAU OF ENVIRONMENTAL
REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL
PROGRAM
TRU 2

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Mr. Fabio Pedone

Warren & Panzer Engineers, P.C.

228 E. 45th Street

New York

NY 10017

Fax: (212) 922-0630

Phone: (212) 922-0077

Project: NYC-DEP W & P File #: 1079.01.02

125 Cedar, Roof

Received: 6/22/02

2:00:00 AM

ATC Group #: 8222

Analysis Date: 6/22/02

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5µ-5 µ	µm	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
081 8222 -1	1746.00	0.0562	0	None Detected	0	0	0.0039	<17.79	<0.0039	
082 8222 -2	1746.00	0.0562	0	None Detected	0	0	0.0039	<17.79	<0.0039	
083 8222 -3	1746.00	0.0562	0	None Detected	0	0	0.0039	<17.79	<0.0039	
084 8222 -4	1746.00	0.0562	0	None Detected	0	0	0.0039	<17.79	<0.0039	
085 8222 -5	1746.00	0.0562	0	None Detected	0	0	0.0039	<17.79	<0.0039	

MARK PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLWTEM #101197-0, NY State ELAP #10879



ATC Associates Inc.

104 East 25 Street
New York, NY 10010

TEL: (212) 353-8280 FAX: (212) 353-8306

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Fabio Pedone
Warren & Panzer Engineers, P.C.

From: MARK PEYSAKHOV

ATC Group #: 8222

Fax #: (212) 922-0630

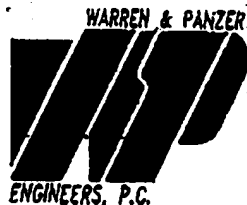
Client Project: NYC-DEP W & P File #: 1079.01.02
125 Cedar, Roof

Date: Saturday, June 22, 2002

Time: 10:26:19 AM

Number of Pages: 3
(including cover page)

Comments:



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

FACSIMILE COVER SHEET

DATE: 7/23

FILE #: _____

SENDER: Lou

FACSIMILE PHONE NUMBER: (212) 922-0630

RECEIVER: ~~Mr. Leonard Atteloney~~ Kris G

COMPANY NAME: NYC DEP

FACSIMILE NUMBER: ~~(212) 595-6307~~ 718-585-3749

NUMBER OF PAGES (INCLUDING COVER SHEET): 2

NOTES: TE-1
Please see the attached PCM results sampled on 7/22. If you
have any questions, please call me at (212) 922-0077. Thank you.

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE NOTIFY
THE SENDER IMMEDIATELY AT (212) 922-0077.

ORIGINAL SENT VIA:

☒ U.S. MAIL ☐ MESSENGER ☐ OVERNIGHT MAIL ☒ NOT SENT

2228 East 45th Street
New York, NY 10017
(212) 922-9077
Fax (212) 922-0638

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	P.O. _____
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CLIENT: NYC DEP
PROJECT: 125 CEDAR ST NYC
LOCATION: FACADE

W&P FILE #: 1079-01-02
LABORATORY: A-F-C/PANZER
ANALYSIS METHOD: PCM TEM
 cite one 7400 AHERA EPA LEVEL
TECHNICIAN: Dipo ELEM

CONTACT: MICHAEL NOLAN
LLW#:
SCA JOB#:

TECHNICIAN: DPO ELLEN O

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg./cc.)
DE01	By Decan	3	1	03 03	0700 1545	525	1575	0.0094
DE02	WNA Right Side of WNA	3	1	03 03	0701 1546	525	1575	0.00118
DE03	✓ Middle	3	1	03 03	0702 1547	525	1575	0.0011
DE04	✓ Leftside	3	1	03 03	0703 1548	525	1575	0.0041
DE05	Exit to roof off (FDNY)	3	1	03 03	0705 1550	525	1575	0.0354
DE06	field Blank	1	1	1 1	0 0	1	1	
DE07	1	1	1	1 1	0 0	1	1	
DE08	Sealed Blank	1	1	1 1	0 0	1	1	

COMMENTS:

Top. 01.013

SAMPLE BY: <u>Dipo Eleno</u>	DATE: <u>7/22/02</u>
SIGNATURE: <u>Dipo</u>	
RELEASED BY: <u>Dipo Eleno</u>	DATE: <u>7/22/02</u>
SIGNATURE: <u>Dipo</u>	
RECEIVED BY: <u>E. D. Robinson</u>	DATE: <u>7/23/02</u>
SIGNATURE: <u>[Signature]</u>	

SAMPLE TYPE CODES	
1 - Black	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

TEL :

Sep 15, 00

22:46 No.003 P.03

**ATHENCA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 796-1000
Fax: (718) 796-4000**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warren & Pitzer Engineers, P.C.

LABORATORY ID #: T02-07-028

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: 125 Cedar Street

DATE OF REPORT: 07/27/02

DATE OF ANALYSIS: 07/27/02

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

CLIENT #	LAB. ID	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detectors)	TOTAL ASBESTOS AIR CONC. (f/cc-mm)	TOTAL ASBESTOS FILTER CONC. (f/cc-mm)	AIR CONC. FOR STRICTION 0.55-5.0µm	AIR CONC. FOR STRICTION 5.0-10µm	ASBEST. TYPE CHRYB.	ANALYT. ASBEST. TYPE SPECTRY
DE01	T02-07-028-1084	By decone	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE02	T02-07-028-1085	IWA right side of work area	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE03	T02-07-028-1086	IWA middle of work area	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE04	T02-07-028-1087	IWA left side of work area	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE05	T02-07-028-1088	Exit to roof of PDNY	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA

ANALYST
E. SienkriLABORATORY DIRECTOR
Spero Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenca Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- Air sampling equipment will be tested for safety (20) 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 listed. This report cannot 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 Athenca Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

22:44 No.003 P.02

228 East 43rd Street
New York, NY 10017
(212) 822-0077
Fax (212) 822-8530

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a

32 hr⁺/a

6 hr⁺/a

3 hr⁺/a

Immediate⁺/a

P.O.

PAGE 1 OF 1

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD: PCM

circle one

7400

TEM (AHERM)

EPALVEL II

CONTACT: MICHAEL MOLAN

CLIENT: NYC DEP
PROJECT: 125 Cedar St
LOCATION: facade

TECHNICIAN: DIPLO ELEMO

TOX-07-02g

Sep 15, 00

TEL:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc)
DE01	by Decora	3		03	03	0715	1715	600	1800	
DE02	left outside of WA	3		03	03	0716	1716	600	1800	
DE03	middle	3		03	03	0717	1717	600	1800	
DE04	left side	3		03	03	0718	1718	600	1800	
DE05	Exit to roof at (entry)	3		03	03	0720	1720	600	1800	
DE06	field (black)	1		03	03					
DE07		1		03	03					
DE08	Sealed Blank	1		03	03					

COMMENTS:

SAMPLE BY: DIPLO ELEMO DATE: 7/26/02
SIGNATURE: DIPLO ELEMO
RELEASED BY: DIPLO ELEMO DATE: 7/26/02
SIGNATURE: DIPLO ELEMO
RECEIVED BY: E. Souten DATE: 7/27/02
SIGNATURE: E. Souten

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

1001


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T02-07-025

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: 125 Cedar St. NYC

DATE OF REPORT: 07/26/02

DATE OF ANALYSIS: 07/26/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (#)	G.O.'s ANAL YZED	AREA ANALY ZED (mm ²)	ANALYT. SENSITV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (struct./cm ³)	AIR CONC. FOR STRUCT. 0.5-8-µm	AIR CONC. FOR STRUCT. ≥25-µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE 1	T02-07-025-	By Decon	1800	5	0.0432	0.0049	0.0099	46.28	0.0049	0.0049	Chrys.	NA
DE 2	T02-07-025-	IWA Right side of WA	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE 3	T02-07-025-	IWA Middle side of WA	1800	5	0.0432	0.0049	0.0049	23.14	0.0049	<0.0049	Chrys.	NA
DE 4	T02-07-025-	IWA Left side of WA	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE 5	T02-07-025-	Exit to Roof of (FDNY)	1800	5	0.0432	0.0049	0.0148	69.42	<0.0049	0.0148	Chrys.	NA

 ANALYST
E. Dimitrakas

 LABORATORY DIRECTOR
Spiro Dongas

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 AIS Inc., did not conduct the sampling, the reported asbestos concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athena Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

226 East 45th Street
 New York, NY 10017
 (212) 922-0877
 Fax (212) 922-0630

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

PAGE 1 OF 1

P.O.

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

W&P FILE #: 1079-01-02

CONTACT: McHEAL NOLAN

CLIENT: NYC DEP

PROJECT: 125 Cedar St NYC

LABORATORY: ANALYSIS METHOD: PCM 7400 TEM AHRA EPA LEVEL #

TECHNICIAN: Dipo ELEMO

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
DE01	By Decan	3	-	03 03	1000 2000	600	1800	
DE02	11th Right Side of WA	3	-	03 03	1001 2000	600	1800	
DE03	- middle	3	-	03 03	1002 2000	600	1800	
DE04	- Left Side	3	-	03 03	1003 2000	600	1800	
DE05	Exit to roof at (FPM)	3	-	03 03	1005 2000	600	1800	
DE06	field Blank	1	-	- -	0 0	-	-	
DE07	-	1	-	- -	0 0	-	-	
DE08	Sealed Blank	1	-	- -	0 0	-	-	

COMMENTS:

SAMPLE BY: Dipo ELEMO DATE: 7/25/02
 SIGNATURE: [Signature] 7/25/02
 RELEASED BY: Dipo ELEMO DATE: 7/25/02
 SIGNATURE: [Signature] 7/25/02
 RECEIVED BY: E. Simentin DATE: 7/26/02
 SIGNATURE: [Signature]

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

07/25/2002 13:29 FAX 718 784 4085

003

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

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

CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-07-020
 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, 125 Cedar Street
 DATE OF REPORT: 07/25/02
 DATE OF ANALYSIS: 07/25/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O.'S ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (femto/gm ³)	TOTAL ASBESTOS AIR CONC. (femto/gm ³)	TOTAL ASBESTOS FILTER CONC. (femto/gm ³)	AIR CONC. FOR STRUCT. 0.5 < 5µm	AIR CONC. FOR STRUCT. 5 < 10µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-07-020-1044	Decon	1485	6	0.0519	0.0050	<0.0050	<19.28	NA	NA	NA	NA
DE02	T02-07-020-1045	IWA right side of work area	1485	6	0.0519	0.0050	<0.0050	<19.28	NA	NA	NA	NA
DE03	T02-07-020-1046	IWA middle of work area	1485	6	0.0519	0.0050	0.0050	19.28	<0.0050	0.0050	Chrys.	NA
DE04	T02-07-020-1047	IWA left side of work area	1485	6	0.0519	0.0050	<0.0050	<19.28	NA	NA	NA	NA
DE05	T02-07-020-1048	Exit to roof FDNY	1485	6	0.0519	0.0050	<0.0050	<19.28	<0.0050	0.0050	Chrys.	NA

ANALYST
R. Dimant

LABORATORY DIRECTOR
Spire Dengars

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 use duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
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- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

07/25/2002 13:28 FAX 718 784 4085

002

228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0030

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

W&P FILE #: 1079-01-02

CLIENT: NYC DEP

PROJECT: 125 Cedar St NYC

LOCATION: facade

LABORATORY:

ANALYSIS METHOD: PCM

circle one

TECHNICIAN: Dipo Eleno

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD: PCM

circle one

TECHNICIAN: Dipo Eleno

CONTACT: MICHAEL NOLAN

LLW#:

SCA JOB#:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
DE01	By Decan	3		03	03	1000	1815	495	1485	
DE02	WtA RightSide of WtA	3		03	03	1001	1816	495	1485	
DE03	✓ middle	3		03	03	1002	1817	495	1485	
DE04	✓ left side	3		03	03	1003	1818	495	1485	
DE05	Ext to roof of (FDNY)	3		03	03	1005	1820	495	1485	
DE06	field Blank	1		—	—	—	—	—	—	
DE07	✓	1		—	—	—	—	—	—	
DE08	Sealed Blank	1		—	—	—	—	—	—	

COMMENTS:

SAMPLE BY: WPD Eleno DATE: 7/24/02

SIGNATURE: Dipo

RELEASED BY: Dipo Eleno DATE: 7/24/03

SIGNATURE: Dipo

RECEIVED BY: E. Sparta DATE: 7/24/02

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


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 794-7499
 Fax. (718) 794-4985

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-07-016

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 125 Cedar St.

DATE OF REPORT: 07/24/02

DATE OF ANALYSIS: 07/24/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.'S ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (direct/cm ²)	TOTAL ASBESTOS AIR CONC. (micro/cm ³)	TOTAL ASBESTOS FILTER CONC. (micro/cm ³)	AIR CONC. FOR STRICT. 0.555-0.9um	AIR CONC. FOR STRICT. 8.25-9um	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-07-016-1024	By Decon	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE02	T02-07-016-1025	IWA right side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE03	T02-07-016-1026	IWA middle side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE04	T02-07-016-1027	IWA Left side	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE05	T02-07-016-1028	Exit to roof of PDNY	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA

 ANALYST
 R. Dimitrakos

 LABORATORY DIRECTOR
 Spiro Dengaris

LABORATORY CREDIT/INFORMATION

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

**224 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

Fax (212) 922-0830

	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
PROJECT: 125 Cedar St
LOCATION: facade

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD: PCM
circle one 7400

TECHNICIAN: D10

TEM
AHERA
EPATELVE

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD: PCM TEM
circs one 7400 AMERA TEM
TECHNICIAN: Dipo EPA/LEVE

TECHNICIAN: DIPD

CONTACT: McHEAL

970-40-801

Assignment 2

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	GONGENTRI (Hb/cent)
DE01	Ry Decm	3	-	05 05	1315 1800	285	1425	<16.53 <16.53
DE02	Wt Right Side of WA	3	-	05 05	1316 1801	285	1425	<16.53 <16.53
DE03	" Middle "	3	-	05 05	1317 1802	285	1425	<16.53 <16.53
DE04	" Left side "	3	-	05 05	1318 1803	285	1425	<16.53 <16.53
DE05	EXIT TO ROOF OF (any)	3	-	05 05	1320 1805	285	1425	<16.53 <16.53
DE06	field Blank	1	-	- -	- -	-	-	-
DE07	" "	1	-	- -	- -	-	-	-
DE08	Sealed Blank	1	-	- -	- -	-	-	-
DE09								

CONCLUSIONS

SAMPLE BY:	Dipo ELEM	DATE:	7/23/02
SIGNATURE:	Dipo E		
RELEASED BY:	Dipo ELEM	DATE:	7/23/02
SIGNATURE:	Dipo E		
RECEIVED BY:	E. Sington	DATE:	7/23/02
SIGNATURE:	E. Sington		22:00

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-07-016
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 125 Cedar St.
 DATE OF REPORT: 07/24/02
 DATE OF ANALYSIS: 07/24/02
 EFFECTIVE FILTER AREA (mm²): 385



ATHENICA

ENVIRONMENTAL SERVICES INC.

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

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANAL. YZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (microg/cm ²)	TOTAL ASBESTOS AIR CONC. (microg/cm ³)	TOTAL ASBESTOS FILTER CONC. (microg/cm ²)	AIR CONC. FOR STRUCT. 0.5-5.0µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-07-016-1024	By Decon	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE02	T02-07-016-1025	TWA right side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE3	T02-07-016-1026	TWA middle side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE4	T02-07-016-1027	TWA Left side	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE5	T02-07-016-1028	Exit to roof of FDNY	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA

E. Dimatakas

ANALYST
 E. Dimatakas

Sp. Dongaris

LABORATORY DIRECTOR
 Spiro Dongaris

LABORATORY CERTIFICATION STATEMENT

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling activities will be closed 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. will respect to the services charged, shall in no event exceed the amount of the invoice.

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(212) 922-0077
Fax (212) 922-0630

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 ⁺/a

P.O.

CLIENT: NYC DEP
PROJECT: 125 Cedar St
LOCATION: facade
W&P FILE #: 1079-01-02
LABORATORY: NYC DEP
ANALYSIS METHOD: PCM 7400 TEM HERA EPA LEVEL II
TECHNICIAN: DIPD

CONTACT: MICHAEL NOLAN

702-07-016

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (ug/m ³)
DE01	By Decom	3	1	05	05	1315	1800	285	1425	16.53
DE02	11th Right Side of WA	3	1	05	05	1316	1801	285	1425	16.53
DE03	— Middle —	3	1	05	05	1317	1802	285	1425	16.53
DE04	— Left Side —	3	1	05	05	1318	1803	285	1425	16.53
DE05	Exit to roof of (any)	3	1	05	05	1320	1805	285	1425	16.53
DE06	field Blank	1	1	—	—	—	—	—	—	—
DE07	—	1	1	—	—	—	—	—	—	—
DE08	Sealed Blank	1	1	—	—	—	—	—	—	—

COMMENTS:

SAMPLE BY: DIPD DATE: 7/23/02
SIGNATURE: DIPD
RELEASED BY: DIPD DATE: 7/23/02
SIGNATURE: DIPD
RECEIVED BY: E. Sigler DATE: 7/23/02
SIGNATURE: ES 22:00

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

SEE REVERSE SIDE FOR ANALYST SIGNATURE

002


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel (718) 794-7480

Fax (718) 794-1085

CLIENT: Warren & Pauzer Engineers, P.C.

LABORATORY ID #: T02-07-013

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 125 Cedar Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/24/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. #	LOCATION	VOLUME (l)	G.O.% ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (µm/ft ²)	TOTAL ASBESTOS AIR CONC. (cfm/ft ³)	TOTAL ASBESTOS FILTER CONC. (cfm/ft ³)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. 8<S<10µm	ASBEST. TYPE CHRYS.	ANALYT. ASBEST. TYPE SPECIFY
DE01	T02-07-013-1009	By Decon	1575	6	0.0519	0.0047	0.0094	38.57	0.0094	<0.0047	Chrys.	NA
DE02	T02-07-013-1010	IWA right side of work area	1575	6	0.0519	0.0047	<0.0047	<19.28	NA	NA	NA	NA
DE03	T02-07-013-1011	IWA middle of work area	1575	6	0.0519	0.0047	0.0047	19.28	0.0047	<0.0047	Chrys.	NA
DE04	T02-07-013-1012	IWA left side of work area	1575	6	0.0519	0.0047	0.0047	19.28	<0.0047	0.0047	Chrys.	NA
DE05	T02-07-013-1013	Exit to roof of FDNY	1575	4	0.0346	0.0071	0.0354	114.63	0.0212	0.0141	Chrys.	NA

 ANALYST
F Dimitrakas

 LABORATORY DIRECTOR
Spiro Dougaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

Fax (212) 922-0330

24 hr⁺/a

12 hr⁺/a

6 hr⁺/a

3 hr⁺/a

Immediate⁺/a

P.O.

CLIENT: NYC DEP

PROJECT: 125 Cedar St

LOCATION: facade

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD: PCM TEM
7400 AHRA EPA LEVEL II

TECHNICIAN: DIPLO

CONTACT: MICHAEL NOLAN

702-07-016

ASB. Scrub...

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (µg/ft ³)
DE01	By Decm	3	-	05	05	1315	1800	285	1425	<16.53 <200155
DE02	Int Right Side of WA	3	-	05	05	1316	1801	285	1425	<16.53 <200155
DE03	- middle -	3	-	05	05	1317	1802	285	1425	<16.53 <200155
DE04	- left side -	3	-	05	05	1318	1803	285	1425	<16.53 <200155
DE05	Exit to roof off fan	3	-	05	05	1320	1805	285	1425	<16.53 <200155
DE06	field Blank	1	-	-	-	-	-	-	-	-
DE07	-	1	-	-	-	-	-	-	-	-
DE08	Sealed Blank	1	-	-	-	-	-	-	-	-
DE09										
DE10										
DE11										
DE12										
DE13										
DE14										
DE15										
DE16										
DE17										
DE18										
DE19										
DE20										

COMMENTS:

SAMPLE BY: DIPLO	DATE: 7/23/02
SIGNATURE: DIPLO	
RELEASED BY: DIPLO	DATE: 7/23/02
SIGNATURE: DIPLO	
RECEIVED BY: G. Slight	DATE: 7/23/02
SIGNATURE: [Signature]	22:00

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel: (718) 764-7460

Fax: (718) 764-4885

CLIENT: Warren & Pauter Engineers, P.C.

LABORATORY ID #: T02-07-028

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: 125 Cedar Street

DATE OF REPORT: 07/27/02

DATE OF ANALYSIS: 07/27/02

 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/cm ²)	TOTAL ASBESTOS AIR CONC. (micrograms/cm ³)	TOTAL ASBESTOS FILTER CONC. (micrograms/cm ²)	AIR CONC. FOR STRUCT. 0.555-0.5mm	AIR CONC. FOR STRUCT. 0.55-0.5mm	ASBEST. TYPE CHRYT.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-07-028-1084	By dome	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE02	T02-07-028-1085	IWA right side of work area	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE03	T02-07-028-1086	IWA middle of work area	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE04	T02-07-028-1087	IWA left side of work area	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE05	T02-07-028-1088	Exit to roof of PDNY	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA

 ANALYST
E. Siemski

 LABORATORY DIRECTOR
Spiro Donganis

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 equipment will be tested for purity (0) 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 areas tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
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1005

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

PAGE 1 OF 1

P.O.

W&P FILE #: 1079-01-02

CLIENT: NYC DEP

PROJECT: 125 Cedar St

LOCATION: facade

CONTACT: MICHAEL MOLAN

702-07-028

LABORATORY:

ANALYSIS METHOD: PCM 7400 TEM (AHERA) EPA LEVEL II

TECHNICIAN: DIPO ELEMO

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (mg/cc)
DE01	by Decon	3		03 03	0715 1715	600	1800	
DE02	Right side of WA	3		03 03	0716 1716	600	1800	
DE03	middle	3		03 03	0717 1717	600	1800	
DE04	Left side	3		03 03	0718 1718	600	1800	
DE05	Exit to roof at (dry)	3		03 03	0720 1720	600	1800	
DE06	field Blank	1		03 03	0720 1720	600	1800	
DE07		1		03 03	0720 1720	600	1800	
DE08	Sealed Blank	1		03 03	0720 1720	600	1800	

COMMENTS:

SAMPLE BY: DIPO ELEMO DATE: 7/26/02
SIGNATURE: DIPO

RELEASED BY: DIPO ELEMO DATE: 7/26/02
SIGNATURE: DIPO

RECEIVED BY: G. Sioufen DATE: 7/27/02
SIGNATURE: G. Sioufen

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



ATHENICA
ENVIRONMENTAL SERVICES INC.

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Fax. (212) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-07-025
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.F.
AVERAGE G.O. AREA (mm²): 0.008643

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: 125 Cedar St. NYC
DATE OF REPORT: 07/26/02
DATE OF ANALYSIS: 07/26/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (#)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (microg/cm ³)	TOTAL ASBESTOS AIR CONC. (microg/cm ³)	TOTAL ASBESTOS FILTER CONC. (microg/cm ³)	AIR CONC. FOR 0.55μm STRUCT.	AIR CONC. FOR 0.75μm STRUCT.	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE 1	T02-07-025	Ry Decon	1800	5	0.0432	0.0049	0.0099	46.28	0.0049	0.0049	Chrys.	NA
DE 2	T02-07-025	IWA Right side of WA	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE 3	T02-07-025	IWA Middle side of WA	1800	5	0.0432	0.0049	0.0049	23.14	0.0049	<0.0049	Chrys.	NA
DE 4	T02-07-025	IWA Left side of WA	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
DE 5	T02-07-025	Exit to Roof of (FDNY)	1800	5	0.0432	0.0049	0.0148	69.42	<0.0049	0.0148	Chrys.	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- All 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.
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

PAGE 1 OF 1

P.O.

CLIENT: NYC DEP

PROJECT: 125 Cedar St NYC

LOCATION: facade

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD: PCM TEM

circle one 7400 AHERA EPA LEVEL II

TECHNICIAN: Dipo ELEMO

CONTACT: MICHAEL NOLAN

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
DE01	By Decon	3	-	03	03	1000	2000	600	1800	1
DE02	11th Right Side of WA	3	-	03	03	1001	2000	600	1800	1
DE03	- middle -	3	-	03	03	1002	2000	600	1800	1
DE04	- left side -	3	-	03	03	1003	2000	600	1800	1
DE05	Exit to roof at (f2004)	3	-	03	03	1005	2000	600	1800	1
DE06	field Blank	1	-	-	-	0	0	-	-	-
DE07	-	1	-	-	-	0	0	-	-	-
DE08	Sealed Blank	1	-	-	-	0	0	-	-	-

COMMENTS:

SAMPLE BY: Dipo ELEMO DATE: 7/25/02
SIGNATURE: Dipo ELEMO
RELEASED BY: Dipo ELEMO DATE: 7/25/02
SIGNATURE: Dipo ELEMO
RECEIVED BY: E. Sienkiewicz DATE: 7/26/02
SIGNATURE: E. Sienkiewicz

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

07/25/2002 13:29 FAX 718 784 4085

003

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**ATHENICA**

ENVIRONMENTAL SERVICES INC.

TEL (718) 784-7480

FAX (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-07-020

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.006643

PROJECT: NYC DEP, 125 Cedar Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/25/02

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

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O.'S ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (femto/gram)	TOTAL ASBESTOS AIR CONC. (micro/gram)	TOTAL ASBESTOS FILTER CONC. (micro/gram)	AIR CONC. FOR STRUCT. 0.5-5.0um	AIR CONC. FOR STRUCT. 5-10.0um	ASBEST. TYPE CHRY.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-07-020-1044	Decon	1485	6	0.0519	0.0050	<0.0050	<19.28	NA	NA	NA	NA
DE02	T02-07-020-1045	IWA right side of work area	1485	6	0.0519	0.0050	<0.0050	<19.28	NA	NA	NA	NA
DE03	T02-07-020-1046	IWA middle of work area	1485	6	0.0519	0.0050	0.0050	19.28	<0.0050	0.0050	Chrys.	NA
DE04	T02-07-020-1047	IWA left side of work area	1485	6	0.0519	0.0050	<0.0050	<19.28	NA	NA	NA	NA
DE05	T02-07-020-1048	Exit to roof FDNY	1485	6	0.0519	0.0050	<0.0050	<19.28	<0.0050	0.0050	Chrys.	NA

ANALYST
R. DimantekasLABORATORY DIRECTOR
Spina Dengata

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 18955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported asbestos concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
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002

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WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

P.O.

W&P FILE #: 1079-01-02

CLIENT: NYC DEP

PROJECT: 125 Cedar St NYC

LOCATION: facade

LABORATORY:

ANALYSIS METHOD: PCM

circle one

TECHNICIAN: Dipo Elemo

TEM

AHERA

EPA LEVEL II

CONTACT: MICHEAL NOLAN

LLWF:

SCA JOB#:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc.)
DE01	by Decan	3		03	03	1000	1815	495	1485	
DE02	WA Right Side of WA	3		03	03	1001	1816	495	1485	
DE03	✓ middle	3		03	03	1002	1817	495	1485	
DE04	✓ left side	3		03	03	1003	1818	495	1485	
DE05	exit to roof of (FDNY)	3		03	03	1005	1820	495	1485	
DE06	field Blank	1		—	—	—	—	—	—	
DE07	✓	1		—	—	—	—	—	—	
DE08	Sealed Blank	1		—	—	—	—	—	—	

COMMENTS:

T02-04-020

SAMPLE BY: WPD Elemo DATE: 7/24/02
SIGNATURE: Dipo
RELEASED BY: Dipo Elemo DATE: 7/24/03
SIGNATURE: Dipo
RECEIVED BY: E. Spitzer DATE: 7/24/02
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

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-07-016
 ANALYT. METHODOLOGY: AHERA.
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 125 Cedar St.
 DATE OF REPORT: 07/24/02
 DATE OF ANALYSIS: 07/24/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'S ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (stret/cm ²)	TOTAL ASBESTOS AIR CONC. (stret/cm ²)	TOTAL ASBESTOS FILTER CONC. (stret/cm ²)	AIR CONC. FOR STRUCT. 0.55-0.9um	AIR CONC. FOR STRUCT. ≥ 0.9um	ASBEST. TYPE CURYS.	ASBEST. TYPE SPECIFY
DE01	T02-07-016-1024	By Decon	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE02	T02-07-016-1025	IWA right side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE3	T02-07-016-1026	IWA middle side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE4	T02-07-016-1027	IWA Left side	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE5	T02-07-016-1028	Exit to roof of PDNY	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA

ANALYST
 R. Dimitrakas

LABORATORY DIRECTOR
 Spiro Dougaris

- LABORATORY CREDIT/ACCREDITATION INFORMATION: THIS LABORATORY IS NOT ACCREDITED BY NVLAP.
- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
 - Air sampling certificates will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
 - If AES Inc., did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
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WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr²/a 12 hr²/a 6 hr²/a 3 hr²/a Immediate ²/a

PAGE 1 OF 1
P.O.

CLIENT: NYC DEP
PROJECT: 125 Cedar St
LOCATION: facade

WSP FILE #: 1079-01-02

LABORATORY:

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

TECHNICIAN: Dipo

CONTACT: MICHAEL NOLAN

702-07-016

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	GENERATOR (Hb-100)
DE01	By Decan	3	-	05 05	1315 1800	285	1425	<16.53 <16.53
DE02	11th Right Side of WA	3	-	05 05	1316 1801	285	1425	<16.53 <16.53
DE03	- Middle	3	-	05 05	1317 1802	285	1425	<16.53 <16.53
DE04	- Left Side	3	-	05 05	1318 1803	285	1425	<16.53 <16.53
DE05	EXIT to roof of (any)	3	-	05 05	1320 1805	285	1425	<16.53 <16.53
DE06	field Blank	1	-	- -	- -	-	-	-
DE07	-	1	-	- -	- -	-	-	-
DE08	Sealed Blank	1	-	- -	- -	-	-	-

COMMENTS:

SAMPLE BY: Dipo	DATE: 7/23/02
SIGNATURE: Dipo	
RELEASED BY: Dipo	DATE: 7/23/02
SIGNATURE: Dipo	
RECEIVED BY: E. Sigler	DATE: 7/23/02
SIGNATURE: E	22:00

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



ATHENICA

ENVIRONMENTAL SERVICES INC.

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

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-07-016
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, 125 Cedar St.
DATE OF REPORT: 07/24/02
DATE OF ANALYSIS: 07/24/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANAL YZED	AREA ANAL YZED (mm ²)	ANALYT. SENSITV. (street/μm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (st./mm ²)	AIR CONC. FOR STRUCT. 0.55-4.1μm	AIR CONC. FOR STRUCT. 8.25-9.1μm	ASBEST. TYPE CHNYS.	AMPHIB. ASBEST TYPE SPECIFY
DE01	T02-07-016-1024	By Decon	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE02	T02-07-016-1025	TWA right side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE3	T02-07-016-1026	TWA middle side of WA	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE4	T02-07-016-1027	TWA Left side	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA
DE5	T02-07-016-1028	Exit to roof of FDNY	1425	7	0.0605	0.0045	<0.0045	<16.53	NA	NA	NA	NA

E. Diratidakas

ANALYST
E. Diratidakas

Sp. Dongaris

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION STATEMENT

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling certificates 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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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: NYC DEP
PROJECT: 125 Cedar St
LOCATION: facade

W&P FILE #: 1079-01-02

LABORATORY:

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

TECHNICIAN: Dipo

CONTACT: MICHAEL NOLAN

702-07-016

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	GENERATE (hr/week)
DE01	By Decom	3	-	05 05	1315 1800	285	1425	16.53 16.53
DE02	11th Right Side of WA	3	-	05 05	1316 1801	285	1425	16.53 16.53
DE03	- Middle -	3	-	05 05	1317 1802	285	1425	16.53 16.53
DE04	- Left Side -	3	-	05 05	1318 1803	285	1425	16.53 16.53
DE05	Exit to roof off (any)	3	-	05 05	1320 1805	285	1425	16.53 16.53
DE06	field Blank	1	-	- -	- -	-	-	16.53 16.53
DE07	-	1	-	- -	- -	-	-	-
DE08	Sealed Blank	1	-	- -	- -	-	-	-

COMMENTS:

SAMPLE BY: Dipo ELEM DATE: 7/23/02
SIGNATURE: Dipo
RELEASED BY: Dipo ELEM DATE: 7/23/02
SIGNATURE: Dipo
RECEIVED BY: E. Sigkat DATE: 7/23/02
SIGNATURE: 22:00

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel (718) 784-7480
 Fax (718) 784-1985

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-07-013

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 125 Cedar Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/24/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (micrograms/cm ³)	TOTAL ASBESTOS AIR CONC. (micrograms/cm ³)	TOTAL ASBESTOS FILTER CONC. (micrograms/cm ³)	AIR CONC. FOR STRUCT. 0.55<5µm	AIR CONC. FOR STRUCT. 8>5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-07-013-1009	By Decon	1575	6	0.0519	0.0047	0.0094	38.57	0.0094	<0.0047	Chrys.	NA
DE02	T02-07-013-1010	TWA right side of work area	1575	6	0.0519	0.0047	<0.0047	<19.28	NA	NA	NA	NA
DE03	T02-07-013-1011	IWA middle of work area	1575	6	0.0519	0.0047	0.0047	19.28	0.0047	<0.0047	Chrys.	NA
DE04	T02-07-013-1012	IWA left side of work area	1575	6	0.0519	0.0047	0.0047	19.28	<0.0047	0.0047	Chrys.	NA
DE05	T02-07-013-1013	Exit to roof of FDNY	1575	4	0.0346	0.0071	0.0354	114.63	0.0212	0.0141	Chrys.	NA

 ANALYST
 F. Dimitrakas

 LABORATORY DIRECTOR
 Spiro Dougaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES Inc. did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

07/24/2002 14:54 FAX 718 784 4085

002/002

228 East 45th Street
New York, NY 10017
(212) 922-4077

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1

Fax (212) 922-0330

24 hr⁺/a12 hr⁺/a6 hr⁺/a3 hr⁺/a

P.O.

CLIENT: NYC DEP
PROJECT: 125 Cedar St
LOCATION: facade

WSP FILE #: 1079-01-02

LABORATORY:

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

TECHNICIAN: Dipo

CONTACT: MICHAEL NOLAN

702-07-016

ASB Strachan

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	RUMPLE #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	ENGINEER (HIS-LOG)
DE01	By Decom	3	-	05	05	1315	1800	285	1425	<16.53 <20015
DE02	Int Right Side of WA	3	-	05	05	1316	1801	285	1425	<16.53 <20015
DE03	- middle -	3	-	05	05	1317	1802	285	1425	<16.53 <20015
DE04	- left side -	3	-	05	05	1318	1803	285	1425	<16.53 <20015
DE05	EXIT to roof off (any)	3	-	05	05	1320	1805	285	1425	<16.53 <20015
DE06	field Blank	1	-	-	-	-	-	-	-	-
DE07	-	1	-	-	-	-	-	-	-	-
DE08	Sealed Blank	1	-	-	-	-	-	-	-	-
DE09	-	-	-	-	-	-	-	-	-	-
DE10	-	-	-	-	-	-	-	-	-	-
DE11	-	-	-	-	-	-	-	-	-	-
DE12	-	-	-	-	-	-	-	-	-	-
DE13	-	-	-	-	-	-	-	-	-	-
DE14	-	-	-	-	-	-	-	-	-	-
DE15	-	-	-	-	-	-	-	-	-	-
DE16	-	-	-	-	-	-	-	-	-	-
DE17	-	-	-	-	-	-	-	-	-	-
DE18	-	-	-	-	-	-	-	-	-	-
DE19	-	-	-	-	-	-	-	-	-	-
DE20	-	-	-	-	-	-	-	-	-	-

COMMENTS:

SAMPLE BY: Dipo Elena	DATE: 7/23/02
SIGNATURE: Dipo	
RELEASED BY: Dipo Elena	DATE: 7/23/02
SIGNATURE: Dipo	
RECEIVED BY: E. Sigler	DATE: 7/23/02
SIGNATURE: [Signature]	22:00

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

08/01/2002 17:17 FAX 718 784 4085

6002

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

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

CLIENT: Warren & Panzer Engineers, P. C.
LABORATORY ID #: T02-07-049
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, 125 Cedar Street
DATE OF REPORT: 08/01/02
DATE OF ANALYSIS: 08/01/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (fibrils/cm ³)	TOTAL ASBESTOS AIR CONC. (fibrils/cm ³)	TOTAL ASBESTOS FILTR. CONC. (fibrils/cm ³)	AIR CONC. FOR STRUCT. 0.5 < S < 5 μm	AIR CONC. FOR STRUCT. S ≥ 5 μm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-07-049-1197	By decon	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
DE02	T02-07-049-1198	By staircase 1 st floor	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
DE03	T02-07-049-1199	TWA right side of WA	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
DE04	T02-07-049-1200	TWA by elevator, 2 nd floor	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
DE05	T02-07-049-1201	TWA left side of WA	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA

ANALYST
R. Stoukri

LABORATORY DIRECTOR
Spiro Donganis

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.
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08/01/2002 17:17 FAX 718 784 4085

6003

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

W&P FILE #: 1079-01-02

CONTACT: MICHAEL NOCITA

PAGE 1 OF 1

P.O.

LABORATORY:

ANALYSIS METHOD: PCM
circle one 7400
TECHNICIAN: Dipo ELEMO

TEM AHIERA EPA LEVEL II

CLIENT: NYC DEP

PROJECT: 125 Cedar St NYC

LOCATION: Courtyard

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
DE01	By deemo	3		03	03	0830	1600	450	1350	
DE02	By Stew Case (1st fl)	3		03	03	0831	1601	450	1350	
DE03	W&P right side of WA	3		03	03	0832	1602	450	1350	
DE04	by elevator (2nd fl)	3		03	03	0833	1603	450	1350	
DE05	left side of WA	3		03	03	0835	1605	450	1350	
DE06	field Blank	1		—	—	0	0	—	—	
DE07	✓	1		—	—	0	0	—	—	
DE08	Sealed Blank	1		—	—	0	0	—	—	

702-07-049

SAMPLE BY: <u>Dipo ELEMO</u>	DATE: <u>7/31/02</u>
SIGNATURE: <u>Dipo</u>	
RELEASED BY: <u>Dipo ELEMO</u>	DATE: <u>7/31/02</u>
SIGNATURE: <u>Dipo</u>	
RECEIVED BY: <u>G. Sica</u>	DATE: <u>7/31/02</u>
SIGNATURE: <u>G</u>	

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7498
Fax. (718) 784-4985

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Paez Engineers, P. C.
LABORATORY ID #: T02-07-045
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.B.
AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 125 Cedar Street
DATE OF REPORT: 07/31/02
DATE OF ANALYSIS: 07/31/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANAL. VOLUMES	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (fstruct./cm ²)	TOTAL ASBESTOS AIR CONC. (fstruct./cm ²)	TOTAL ASBESTOS FILTER CONC. (fstruct./cm ²)	AIR CONC. FOR STRUCT. 0.5-5.0µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-07-045-1177	By Decon	1320	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA
2	T02-07-045-1178	By Star Case (1 st Floor)	1320	6	0.0519	0.0056	0.0289	96.42	0.0056	0.0225	Chrys	NA
3	T02-07-045-1179	IWA Right side of WA	1320	1	0.008643	0.0337	0.2362	809.90	0.1012	0.1350	Chrys.	NA
4	T02-07-045-1180	By elevator (2 nd Floor)	1320	7	0.0605	0.0048	0.0047	16.53	<0.0048	0.0048	Chrys.	NA
5	T02-07-045-1181	Left side of WA	1320	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA

[Signature]
LABORATORY DIRECTOR
Spiro Duganis

[Signature]
ANALYST
E. Dimitrakas

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 new duplicate analysis.
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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 1 OF 1

P.O.

CLIENT: NYC DEP

PROJECT: 125 Cedar St

LOCATION: Courtyard

W&P FILE #: 1079-01-02

LABORATORY:

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

TECHNICIAN: DPO ELEMS

CONTACT: MUEHLEZ ADLAN

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
DE01	By Decon	3		04	04	1300	1830	330	1320	
DE02	By Star Gate (1st fl)	3		04	04	1301	1831	330	1320	
DE03	WA Right Side of WA	3		04	04	1302	1832	330	1320	
DE04	- by elevator (2nd fl)	3		04	04	1303	1833	330	1320	
DE05	- left side of WA	3		04	04	1305	1835	330	1320	
DE06	field Blank	-	-	-	-	0	0	0	0	
DE07	-	-	-	-	-	0	0	0	0	
DE08	Sealed Blank	-	-	-	-	0	0	0	0	

COMMENTS:

SAMPLE BY: DPO ELEMS DATE: 7/30/02
SIGNATURE: DPO
RELEASED BY: DPO ELEMS DATE: 7/30/02
SIGNATURE: DPO
RECEIVED BY: C. Slaughter DATE: 7/30/02
SIGNATURE: C

702-07-045

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 1, 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 June 21, 2002, a roofing-cleaning project was completed at the building located at 125 Cedar Street. Transmission Electron Microscopy air samples were collected at the completion of the abatement work. Final clearance air samples collected met the clearance criteria of less than 70 Structures per square millimeter set forth by the NYS Department of Labor Industrial Code Rule 56 and the NYC Department of Environmental Protection Title 15, Chapter 1 Asbestos Rules and Regulations, and this area can now be re-occupied.

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

Sincerely,

WARREN & PANZER ENGINEERS, P.C.

A handwritten signature in black ink, appearing to read 'Michael R. Nolan', written in a cursive style.

Michael R. Nolan
Senior Project Manager

cc: Krish Radhakrishnan, PE
Attachment(s)

*A Member of
The Warren & Panzer Group*

Warren & Panzer Group

FINAL VISUAL INSPECTION OF ABATEMENT PROJECTS

W&P Project #:...1079-01-02.....

Project Name:...DEP ROOFS AND FACADES CLEANING.....

W&P Project Manager: Mike Nolan

Abatement Contractor: TRIO

Job Location: 125 Cedar

Type of Abatement: (circle)

Cleaning Removal Enclosure Glovebag Encapsulation

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

Floor:.....

Parapet walls: Yes.....

Parapet ledges:.....

Bulkheads:.....

Roofs: Yes.....

Ventilation Duct:

Miscellaneous Surfaces:

Facades:

Circle One

Pass

Fail

Field Notes: (Record any problems encountered here.)

.....

Name: LEV FARMSTEIN

Signature: [Signature]

Date: 6/21/02
 A Member of

The Warren & Panzer Group