

AC
C+R
FZW

**BENJAMIN KURZBAN
& SON CONTROL INC.**1248 Ralph Ave
BROOKLYN, NY 11236

(718) 531-2900

INVOICE

1158

TO

Dept of Environmental Protection

59-17 Junction Blvd

Corona, NY 11368

DATE

8/12/02

ORDER NO.

SHIP TO

Re: Contract REM-ROF2

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS	
QUANTITY	DESCRIPTION			UNIT PRICE	TOTAL
>	Registration # CT82620020015280				
	Pin# 82602WTCROOF2				
	For work completed at 176 Broadway				
	77,086 SF @ 2/SF				
	Total Amount Due this Invoice				\$ 154,172.00

ORIGINAL

451

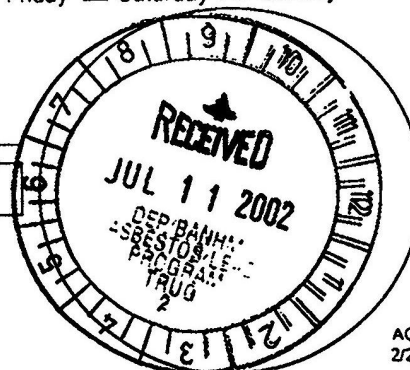
Thank You!

VI. PROJECT INFORMATION

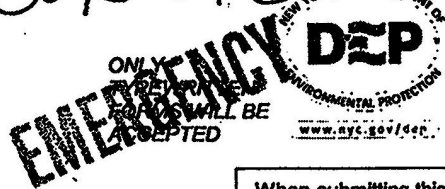
24. Starting date for this portion of work 7/8/2002 Projected completion date 8/8/2002Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ SundayShift from: 8⁰⁰ ☒ am ☐ pm to 8⁰⁰ ☐ am ☒ pmIf other,
specify _____

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

77086 Square Feet, and/or 0 Linear FeetAC
2/21
 DEP
 DEPT OF ENVIRONMENTAL
 PROTECTION
 ASBESTOS CONTROL
 PROGRAM
 10-1-9

E095WTC



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

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TAL1089MN02

Building Dept. or TRU No
FOR OFFICIAL USE ONLY1. 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. FACILITY2. Address 176 BROADWAY Borough MN Zip _____AKA 3-C MAIDEN LANE 3. Block 65 4. Lot 1T5. Type of Facility RESIDENTIAL 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 CONTRACTOR12. Name BENJAMIN KURZBAN & SON CONTROL INC 13. Contact Person LOUIE IANNICO14. Federal Employer ID. # PII 15. Tel. # (718) 531-2900 Fax # (718) 209-180816. Address 1248 RALPH AVENUE City BROOKLYN State NY Zip 11236**V. THIRD PARTY AIR MONITOR**17. Name WARREN & PANZER ENGINEERS INC. 18. Contact Person MICHAEL NOLAN19. Federal Employer ID. # PII 20. Tel. # (212) 922-0077 Fax # (212) 922-063021. Address 228 EAST 45TH STREET City NEW YORK State NY Zip 10017

22. Sample Analysis Laboratory _____ 23. NYS DOH ELAP # _____

VI. PROJECT INFORMATION24. Starting date for this portion of work 7/8/2002 Projected completion date 8/8/2002Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ SundayShift from: 8⁰⁰ ☒ am ☐ pm to 8⁰⁰ ☐ 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

77086 Square Feet, and/or 0 Linear Feet

DEP
BUREAU OF ENVIRONMENTAL
ENFORCEMENT & ENFORCEMENT
ASBESTOS CONTROL
PROGRAM
10-17

ACP 7
2/2001

ASBESTOS INSPECTION REPORT (continued)26. Asbestos Hauler IESI, NY NYS DEC Permit # NJ-462 Tel.# (718) 522-2263Disposal Site(s) BWELDERIDGE LANDFILL PO BOX 399 SCOTSDALE PA 17254

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

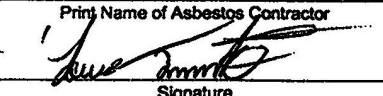
29. ABATEMENT PROCEDURE (Check all appropriate boxes)

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

30. LOCATIONS OF ABATEMENT ROOF SURFACE: ROOF MEMBRANE (TAP)

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		ROOF SURFACES (ALL)	9087	
"		DUCTS & A/C UNITS (ALL)	23000	
"		METAL WORK & FENCING	3000	
"		BULKHEADS (ALL)	4300	
SET BACK ROOF		ROOF SURFACE	2809	
"		PATIO & WOOD FENCING	2500	
SOUTH FACADE	(MAIDEN LANE)	FACADE SURFACE & AWNINGS	5210	
NORTH FACADE	(JOHN STREET)	FACADE SURFACE	12250	
EAST FACADE	REAR OF BLDG	WINDOWS & LEDGES	10395	
WEST FACADE	(BROADWAY)	FACADE SURFACE & AWNINGS	4535	

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 ENGINEERS Print Name of Air Monitor  Signature 07-03-02 Date	B. KURZBAN & SON CONTROL INC Print Name of Asbestos Contractor  Signature 07-03-02 Date	 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.

Print Name of Owner

Signature

NYC DEP

Date

07-03-02

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

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

176 Broadway, Roof Cleaning

Received: 7/9/02

8:00:00 AM

ATC Group #: 8417

Analysis Date: 7/9/02

**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	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	(S/cc)	Notes
01 8417 -1	1680.00	0.0562	0	None Detected	0	0	0.0041	<17.79	<0.0041
02 8417 -2	1680.00	0.0562	0	None Detected	0	0	0.0041	<17.79	<0.0041
03 8417 -3	1680.00	0.0562	0	None Detected	0	0	0.0041	<17.79	<0.0041
04 8417 -4	1680.00	0.0562	0	None Detected	0	0	0.0041	<17.79	<0.0041
05 8417 -5	1680.00	0.0562	0	None Detected	0	0	0.0041	<17.79	<0.0041

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/mm³. 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 #101187-0, NY State ELAP #10879

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Page 1 of 1

PAGE { OF }

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

٥٠٣

W&P FILE #: 1079.01.02

LABORATORY: ATC

CONTACT:

ANALYSIS METHOD: PCM

1711

SCA JOB#:

TECHNICIAN: Louis Soffo

[illegible]

COMMENTS:

SAMPLE BY:	Louis Soto	DATE:	7-8-02
SIGNATURE:	<i>[Signature]</i>		
RELEASED BY:	Louis Soto	DATE:	7-8-02
SIGNATURE:	<i>[Signature]</i>		
RECEIVED BY:	ATC	DATE:	7/9/02
SIGNATURE:	<i>[Signature]</i>		<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



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 #: 8417

Fax #: (212) 922-0630

Client Project: NYC-DEP W & P File # 1079.01.02
176 Broadway, Roof Cleaning

Date: Tuesday, July 09, 2002

Time: 12:05:43 PM

Number of Pages: 3
(including cover page)

Comments:

13

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

Received: 7/10/02

8:30:00 AM

ATC Group #: 8431

Analysis Date: 7/10/02

Fax: (212) 922-0630

Phone: (212) 922-0077

Project: NYC DEP, W&P# 1079.01.02

176 Broadway

**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		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm²)	(S/cc)	
01 8431 -1	1530.00	0.0562	0	None Detected	0	0	0.0045	<17.79	<0.0045	
02 8431 -2	1530.00	0.0562	0	None Detected	0	0	0.0045	<17.79	<0.0045	
03 8431 -3	1530.00	0.0562	0	CHRYSTILE	2	0	0.0045	35.59	0.0090	
04 8431 -4	1530.00	0.0562	0	None Detected	0	0	0.0045	<17.79	<0.0045	
05 8431 -5	1530.00	0.0562	0	None Detected	0	0	0.0045	<17.79	<0.0045	

ROMAN PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

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Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10878

Page 1 of 1

JUL-10-2002 15:02

P.05



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: ROMAN PEYSAKHOV

ATC Group #: 8431

Fax #: (212) 922-0630

Client Project: NYC DEP. W&P# 1079.01.02
176 Broadway

Date: Wednesday, July 10, 2002

Time: 2:11:49 PM

Comments:

Number of Pages: 3
(including cover page)

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

Received: 7/11/02

8:00:00 AM

ATC Group #: 8444

Analysis Date: 7/11/02

Project: NYC DEP, W&P# 1079.01.02

176 Broadway, Roof

**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		Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ³)	(S/cc)	Notes
01 8444 -1	1620.00	0.0562	0	None Detected	0	0	0.0042	<17.79	<0.0042	
02 8444 -2	1620.00	0.0562	0	None Detected	0	0	0.0042	<17.79	<0.0042	
03 8444 -3	1620.00	0.0562	0	CHRYSTOLE	0	1	0.0042	17.79	0.0042	
04 8444 -4	1620.00	0.0562	0	None Detected	0	0	0.0042	<17.79	<0.0042	
05 8444 -5	1620.00	0.0562	0	None Detected	0	0	0.0042	<17.79	<0.0042	

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/mm³. 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 PLW/TEM #101187-0, NY State ELAP #10679

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

CLIENT: NYDER 8444
PROJECT: ROOF
LOCATION: 176 BROADWAY
W&P FILE #: 1079.01.02
TURN AROUND: 24 HRS
TECHNICIAN: LOUIS SOTO
Analysis Method: PCM - 7400
TEM - AHRA
TEM - EPA LEVEL II

Analysis Method: PCM - 7400

(circle one)

TEM - AHERA

ITEM - EPA LEVEL II

[illegible]

SAMPLED BY:	<u>Louis Soto</u>	DATE:	<u>7-10-02</u>
SIGNATURE:	<u><i>[Signature]</i></u>		
RELEASED BY:	<u>Louis Soto</u>	DATE:	<u>7-10-02</u>
SIGNATURE:	<u><i>[Signature]</i></u>		
RECEIVED BY:	<u>ATC</u>	DATE:	<u>7/11/02</u>
SIGNATURE:	<u><i>[Signature]</i></u>		<u>Sam</u>

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



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

Fax #: (212) 922-0630

ATC Group #: 8444

Date: Thursday, July 11, 2002

Client Project: NYC DEP. W&P# 1079.01.02
176 Broadway, Roof

Time: 2:22:28 PM

Number of Pages: 3

(including cover page)

Comments:

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# 1079.01.02

176 Broadway, Roof

Received: 7/12/02

8:30:00 AM

ATC Group #: 8456

Analysis Date: 7/12/02

**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-5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²)	(S/cc)	Notes
01 8456 -1	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
02 8456 -2	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
03 8456 -3	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
04 8456 -4	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048
05 8456 -5	1800.00	0.0450	0	None Detected	0	0	0.0048	<22.24	<0.0048

ROMAN 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 #101187-0, NY State ELAP #10879

**2228 East 45th Street
New York, NY 10017
(212) 922-0577
Fax (212) 922-9630**

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

PAGE 1 OF 1

Fax (212) 922-9630

०३

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

CLIENT: Mycel

W&P FILE #: 1079.01.02

CONTACT:

PROJECT: 200F

LABORATORY: ATC

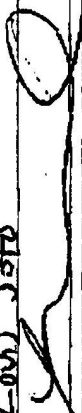
ANALYSIS METHOD	PCM	TEM	TEM
-----------------	-----	-----	-----

circle one
7400
AHERA
EPA LEVEL II

TECHNICIAN: / 5070

[illegible]

COMMENTS:

SAMPLE BY: Louis Soto	DATE: 7-11-02
SIGNATURE: 	
RELEASED BY: Louis Soto	DATE: 7-11-02
SIGNATURE: 	
RECEIVED BY: ATC	DATE: 7/12/02
SIGNATURE: 	8:30 am

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



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.

Fax #: (212) 922-0630

Date: Friday, July 12, 2002

Time: 3:31:14 PM

Comments:

From: ROMAN PEYSAKHOV

ATC Group #: 8456

Client Project: NYC DEP. W&P# 1079.01.02
176 Broadway, Roof

Number of Pages: 3
(including cover page)

07/26/2002 15:48 FAX 718 784 4085

003

**ATHENICA**
 ENVIRONMENTAL SERVICES INC.
 TEL (718) 784-7400
 FAX (718) 784-4085

 CLIENT: Warren & Paezzer Engineers, P.C.
 LABORATORY ID #: T02-07-023
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: MCE
 AVERAGE G.O. AREA (mm²): 0.008643

 PROJECT: 176/180 Broadway
 DATE OF REPORT: 07/26/02
 DATE OF ANALYSIS: 07/26/02
 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. SENSITIVITY (sf/area cm ²)	TOTAL ASBESTOS AM CONC. (sf/area cm ²)	TOTAL ASBESTOS FILTER CONC. (sf/area cm ²)	AIR CONC. FOR STRUCT. 0.5-3.5µm	AIR CONC. FOR STRUCT. ≥3.5µm	ASBEST. TYPE CHRYS.	ASBEST. TYPE SPECIFY
1	T02-07-023-1059	In Decon Clean Room	1440	7	0.0605	0.0044	<0.0044	<16.53	NA	NA	NA	NA
2	T02-07-023-1060	Staircase to Roof	1440	7	0.0605	0.0044	<0.0044	<16.53	NA	NA	NA	NA
3	T02-07-023-1061	North side Roof	1440	7	0.0605	0.0044	<0.0044	<16.53	NA	NA	NA	NA
4	T02-07-023-1062	West side Roof	1440	7	0.0605	0.0044	<0.0044	<16.53	NA	NA	NA	NA
5	T02-07-023-1063	South side Roof	1440	7	0.0605	0.0044	<0.0044	<16.53	NA	NA	NA	NA

ANALYST
 E. Dimitrakos

LABORATORY DIRECTOR
 Spiro Donzatis

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 this invoice.

**2226 East 45th Street!
New York, NY 10017
(212) 822-0077
Fax (212) 922-0630**

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

PAGE _____ OF _____

Op. 2.

CONTACT:

CLIENT: DEP

CLIENT: VET
PROJECT: ROOFS/FACADES

PROJECT: ROOFS/HATCHES
LOCATION: 176/180 BROADWAY

LABORATORY:

ANALYSIS METHOD: PCM
7400
nickel one

TECHNICIAN: EDWIN B. ELLIS JR.

TEMP	TEMP
------	------

ITEM TEM
HERA SPA LEVEL II

[illegible]

700-07-023

SAMPLE BY: F. ELIAS III DATE: 7/25/97

SAMPLE BY: Ch. B. G. L. J.
SIGNATURE: Ch. B. G. L. J.

RELEASED BY: DL DATE: 7/25/02

SIGNATURE: John D. Williams 17:20

RECEIVED BY: G. Slayton

SIGNATURE: St

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION


ATHENICA

 ENVIRONMENTAL SERVICES INC.
 Tel: (718) 784-7480
 Fax: (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-07-018
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.008643

 PROJECT: NYC DEP, 176 Broadway 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 (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (direct/cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/cm ²)	AIR CONC. FOR STRUCT. 0.55<5µm	AIR CONC. FOR STRUCT. 825µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-07-018-1034	3 rd floor roof east	1800	7	0.0605	0.0035	0.0035	16.53	<0.0035	0.0035	Chrys.	NA
2	T02-07-018-1035	3 rd floor roof west	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
3	T02-07-018-1036	3 rd floor roof north	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
4	T02-07-018-1037	3 rd floor roof south	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
5	T02-07-018-1038	Near entrance to roof	1800	5	0.0432	0.0049	0.0049	23.14	0.0049	<0.0049	Chrys.	NA

 ANALYST
 E. Dimitrakas

 LABORATORY DIRECTOR
 Spiru Demegatic

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 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 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 Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

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.

W&P FILE #: 1079.01.02 RECEIVED
KAM CONSULTANTS
CONTACT:

LABORATORY:

ANALYSIS METHOD: PCM

circle one

TEM

AMERA EPA LEVEL II

TEM 202 JUL 24 11:51

SCA JOB#:

TECHNICIAN: L. SOTO

CLIENT: NYCDER
PROJECT: 176 FIDONE BLVD
LOCATION:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
01	3RD FLOOR LOOF WEST	3	01	8	8	14 00	17 00	180	1440	
02	" EAST	3	02	8	8	14 01	17 01	180	1440	
03	" NORTH	3	03	8	8	14 02	17 02	180	1440	
04	" SOUTH	7	04	8	8	14 03	17 03	180	1440	
05	ENTRANCE TO 3RD LOOF	3	05	8	8	14 04	17 04	180	1440	
06	FIELD BLANK	1								
07	"	1								
08	"	1								

COMMENTS:

SAMPLE BY: L. SOTO DATE: 7/24/02
SIGNATURE: *[Signature]*
RELEASED BY: L. SOTO DATE: 7/23/02
SIGNATURE: *[Signature]*
RECEIVED BY: DAVID CHEP / KAM DATE: 7/24/02
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

ANALYSIS REPORT ASBESTOS IN AIR Transmission Electron Microscopy

CLIENT: WARREN & PANZER
PROJECT: 176 Falaise Broadway

Lab ID#	Client Sample ID#	Sample Location	Volume (liters)	Filter Area (mm ²)	Analytical Sensitivity (micrograms)	Asbestos Structures (Selected)	Structure Density (structures/m ³)	Structure Concentration (micrograms/cc) - Total
						0.3-5.0		
						>5.0		
						Total		
102044F-01	01		1440	385	0.0045	ND	0	<0.0045
T-02	02							
T-03	03							
T-04	04							
T-05	05							
T-06								
T-07								
T-08								
T-09								
T-10								

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

Area Analyzed: 0.0600 mm²
Grid Opening Area: 0.009533 mm² 0.0600
Date Collected: 7/23/02

Lab Director: George Kouravos

Analyst: David Chen

Analysis performed according to AHERA Method (EPA 40 CFR Part 763 - Appendix A). Samples will be stored for sixty (60) days and then returned to the client upon request.

NYSDOH ELAP#: 11273

NIOSH-NV/LAP #: 102047

AIR# #: 100269



Warren & Panzer Engineers, P.C.
228 East 45th Street
New York, New York 10017
Tel. (212) 922-0077
Fax (212) 922-0630

July 31, 2002

Mr. Leonard G. Atteloney
New York City Department of Environmental Protection
96-05 Horace Harding Expressway
Corona, NY 11368

Re: **Final Clearance TEM Air Sample Results**

W&P File #: 1079.01.02

Dear Mr. Atteloney:

On July 26, 2002, a roofing-cleaning project was completed at the building located at 176 Broadway. Transmission Electron Microscopy air samples were collected at the completion of the abatement work. Final clearance air samples collected met the clearance criteria of less than 70 Structures per square millimeter set forth by the NYS Department of Labor Industrial Code Rule 56 and the NYC Department of Environmental Protection Title 15, Chapter 1 Asbestos Rules and Regulations, and this area can now be re-occupied.

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

Sincerely,

WARREN & PANZER ENGINEERS, P.C.

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

Michael R. Nolan
Senior Project Manager

cc: Krish Radhakrishnan, PE
Attachment(s)

*A Member of
The Warren & Panzer Group*

Warren & Panzer Group

FINAL VISUAL INSPECTION OF ABATEMENT PROJECTS

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

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

W&P Project Manager:

Abatement Contractor: BENTAMIAN & SONS.....

Job Location: 176 ~~W 17th St~~ 13th WAY.....

Type of Abatement: (circle)

Cleaning

Removal

Enclosure

Glovebag

Encapsulation

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

Floor:.....

Parapet walls:.....NO.....

Parapet ledges:.....

Bulkheads:.....

Roofs:.....

Ventilation Duct:

Miscellaneous Surfaces:

Facades:NO.....

Circle One

Pass

Fail

Field Notes: (Record any problems encountered here.)

.....
.....
.....
.....

Name: EDWIN B. ELLIS

Signature: Edw B. Ellis

Date: 7/26/02 FEL



Warren & Panzer Engineers, P.C.
228 East 45th Street
New York, New York 10017
Tel. (212) 922-0077
Fax (212) 922-0630

July 31, 2002

Mr. Leonard G. Atteloney
New York City Department of Environmental Protection
96-05 Horace Harding Expressway
Corona, NY 11368

Re: **Final Clearance TEM Air Sample Results**

W&P File #: 1079.01.02

Dear Mr. Atteloney:

On July 25, 2002, a roofing-cleaning project was completed at the building located at 176 & 180 Broadway. Transmission Electron Microscopy air samples were collected at the completion of the abatement work. Final clearance air samples collected met the clearance criteria of less than 70 Structures per square millimeter set forth by the NYS Department of Labor Industrial Code Rule 56 and the NYC Department of Environmental Protection Title 15, Chapter 1 Asbestos Rules and Regulations, and this area can now be re-occupied.

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

Sincerely, —

WARREN & PANZER ENGINEERS, P.C.

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:

Abatement Contractor: BENJAMIN KURZBAN & SONS.....

Job Location: 176/180 BROADWAY.....

Type of Abatement: (circle)

Cleaning

Removal

Enclosure

Glovebag

Encapsulation

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

Floor:.....

Parapet walls:.....

Parapet ledges:.....

Bulkheads:.....

Roofs:.....

Ventilation Duct:

Miscellaneous Surfaces:

Facades: EAST FACADES NO.....

Circle One

Pass

Fail

Field Notes: (Record any problems encountered here.)

Name: EDWIN B. ELLIS JR.....

Signature: Edwin B. Ellis Jr.....

Date: 7/25/02.....

Asbestos Inspection Report

Premise No. 176 BROADWAY					Inspection Date: AS NOTED	
Floor ROOF & FACADE	Zip 10038	Borough 1	Block 65	Lot 17	Squad # N/A	Badge # A020
Inspector Dennis Antzoulatos		Building Type RESIDENTIAL		Basis of Inspection WTC Survey		Photos Taken Yes ☒ No ☐
Contractor's Name Benjamin Kurzban & Son Control				Sample Number N/A		
Address City 1248 Ralph Avenue, Brooklyn				Sample Number N/A		
State Zip Phone NY 11236 (718)531-2900				Sample Number N/A		
Laboratory Name Warren & Panzer Engineers Inc.				Owner's Name 176 BROADWAY OWNER'S CORP.		
Address City 228 East 45 Street New York				Address City		
State Zip Phone NY 10017 (212) 922-0077				State Zip Phone		
Contact Person				Time of Inspection from: AS NOTED		
TUESDAY JULY 9 2002						
CLEAN UP ACTIVITIES BEGAN ON THE ROOF SURFACES OF THE PREMISE. A REMOTE DECONTAMINATION UNIT LOCATED ON THE MAIN ROOF WILL BE UTILIZED.						
WEDNESDAY JULY 10 2002 TO THURSDAY JULY 11 2002						
WORK PROCEEDS AS PER THE APPROVED WORK PROCEDURES						
THURSDAY JULY 12, 2002						
CLEAN UP ACTIVITIES ON THE ROOF SURFACES HAVE BEEN COMPLETED. I CONDUCT A VISUAL INSPECTION OF CLEANED WORK AREA AND FIND NO VISIBLE WTC DEBRIS.						
SUNDAY JULY 21, 2002						
8:00AM CLEAN UP ACTIVITIES ON THE BROADWAY (WEST) FACADE ARE PERFORMED. THE TO FACADE CLEAN UP IS LIMITED TO THE CLEANING OF THE THIRD STORY, SECOND 7:00PM SIDING AND GROUND FLOOR ONLY. FACADE (BROADWAY) CLEAN UPS OF 180 BROADWAY AND 182 BROADWAY OCCURRED SIMULTANEOUSLY. FOR THE PURPOSE OF AIR MONITORING THE BROADWAY FACADES OF THESE THREE BUILDINGS ARE CONSIDERED AS ONE WORK AREA. THE PUBLIC PAY PHONE IN FRONT OF THE PREMISE IS ALSO INCLUDED IN THE CLEAN UP. AIR SAMPLING FOR THIS WORK WAS PERFORMED BY LUIS SOTO OF WARREN & PANZER. FIVE AIR SAMPLES WERE RUN. A DYKE WAS CONSTRUCTED TO COLLECT RUN OFF WATER. A DECONTAMINATION UNIT TRUCK WAS UTILIZED. I CONDUCTED A VISUAL INSPECTION OF THE CLEANED FACADE AND FOUND NO VISIBLE WTC DEBRIS AFTER THE CLEAN UP ACTIVITIES WERE COMPLETED. CLEAN-UP ACTIVITIES FOR THE EAST FACADE ARE SCHEDULED FOR MONDAY JULY 22, 2002.						

Asbestos Inspection Report

Premise No. 176 BROADWAY	Inspection Date: AS NOTED
Inspector Dennis Antzoulatos	Page <u>2</u> of <u>2</u>

MONDAY JULY 22 2002 TO THURSDAY JULY 25 2002

THE CLEAN UP OF THE EAST FACADE IS CONDUCTED. AIR SAMPLING FOR THIS PORTION OF THE WORK WAS PERFORMED BY EDWIN ELLIS III (CERTIFICATE # AH 00-C0613 EXP 10102). I CONDUCTED A VISUAL INSPECTION OF THE CLEANED FACADE SURFACES (WINDOWS AND LEDGES ONLY) AND FOUND NO VISIBLE WTC DEBRIS.

WEDNESDAY JULY 31 2002 TO THURSDAY AUGUST 1 2002

CLEAN UP ACTIVITIES ON THE A/C UNIT SET BACK ARE CONDUCTED IN ACCORDANCE WITH THE APPROVED WORK PROCEDURES. AIR SAMPLING FOR THIS PORTION OF THE WORK WAS CONDUCTED BY FESTY OSEMWEKIE OF WARREN & PANZER. THE CLEAN UP OF THE SOUTH FACADE (MAIDEN LANE FACADE) IS SCHEDULED FOR SUNDAY AUGUST 4 2002.

SUNDAY AUGUST 4 2002

CLEAN UP ACTIVITIES ON THE SOUTH FACADE (MAIDEN LANE FACADE) ARE CONDUCTED. THE CLEAN UP IS LIMITED TO THE CLEANING OF THE FACADE FROM THE 4TH FLOOR TO THE GROUND FLOOR. A BOOM TRUCK IS USED TO ACCESS THE FACADE SURFACES. A MOBILE DECON TRUCK IS EMPLOYED. A PLASTIC DYKE IS CONSTRUCTED TO CATCH RUN OFF WATER. AIR SAMPLING FOR THIS PORTION OF THE CLEAN UP IS PERFORMED BY DIPO ELEMO (AH 01-14694 EXP 03103) OF WARREN & PANZER ENGINEERS. FIVE AIR SAMPLES ARE RUN. I CONDUCTED A VISUAL INSPECTION OF THE CLEANED FACADE SURFACES AND OBSERVED NO VISIBLE WTC DEBRIS. THE CLEAN UP PROJECT AT THIS PREMISE IS NOW COMPLETE.

PL

IESI NY CORPORATION

110 5th Street • Brooklyn, NY 11215

Phone: 718-522-2263 • Fax: 718-522-2697

MANIFEST

11779

DATE 8/13/02

GENERATOR	1. Job Site Address 176 Broadway New York, N.Y.		2. Waste Disposal Site (WDS) name, mailing address and physical site location Benjamin Kurzban & Son 1248 Ralph Avenue Brooklyn, NY 11236		3. Waste Disposal Site (WDS) name, mailing address and physical site location IESI Pa Blue Ridge Landfill Corporation P.O. Box 299 Scotland, Pa 17254		4. Name and address responsible agency (Local, District or EPA Office where notification was sent) US EPA 290 Broadway, New York 10007	
	5. Description of materials (RQ) WASTE ASBESTOS 9, NA2212, III		6. VEH. LIC. # P11		7. TOTAL QUANTITY 3 BAGS		8. Generator Certification EX 4024	
	9. CONTRACTOR CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international government regulations.		10. Transporter #1 (Acknowledgement of receipt of materials) IESI NY CORPORATION • 110 5th Street, Brooklyn, NY 11215		DEC Permit No. JA-462		11. Transporter #2 (Acknowledgement of receipt of materials)	
	Printed/Typed Name Philip J. Conner		Title DRIVER		Signature <i>[Signature]</i>		Date (M/D/Y) 8/13/02	
	Printed/Typed Name JOE W		Title DR		Signature <i>[Signature]</i>		Date (M/D/Y) 8/13/02	
	12. Discrepancy indication space		13. Waste disposal site owner or operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item #12		Printed/Typed Name Kutrina K. Kirk		Signature <i>[Signature]</i>	
	Printed/Typed Name Kutrina K. Kirk		Title Gatekeeper		Signature KKK		Date (M/D/Y) 8/14/02	
	Printed/Typed Name Kutrina K. Kirk		Title Gatekeeper		Signature KKK		Date (M/D/Y) 8/14/02	
	Printed/Typed Name Kutrina K. Kirk		Title Gatekeeper		Signature KKK		Date (M/D/Y) 8/14/02	
	Printed/Typed Name Kutrina K. Kirk		Title Gatekeeper		Signature KKK		Date (M/D/Y) 8/14/02	

WHITE:LANDFILL • GREEN:IESI • PINK:GENERATOR • YELLOW:CONTRACTOR • GOLD:JOB SITE