MURRAY STREET REALTY ASSOCIATION, LTD, L.L.P.
c/o Kellogg Properties, Inc.
40 West 57th Street
New York, NY 10019
(212) 586-6756
Fax: (212) 757-3212

February 25, 2002

R. Radhakrishnan, P.E.
NYC DEP Asbestos Control Program
59-17 Junction Blvd.
8th Floor
Corona, New York 11373-5108

Re: 9-15 Murray Street
New York, NY 10007

Dear Sir/Madam:

Enclosed please find the following:

1. Bills for exterior and interior cleaning of the building.
2. Asbestos Monitor report.

If you have any questions you may reach me at the above telephone number.

Sincerely,

Steven M. Kiel
SMK:jr

Enc.

ep

[redacted]

November 19, 2001

Attn: Mr. Kenneth Barber
Murray St. Realty
9 Murray Street
N.Y, N.Y 10007

RE: 9 Murray Street

Dear Mr. Barber:

The following is our proposal for pressure washing the exterior of all four sides of the building at the above referenced address;

This price includes all labor, restoring exterior of building, cleaning all windows, fires escapes and gates (both the front and rear of building will be done the same way).

Payment will be done in three parts, $20,000.00 upon approval of proposal, $20,000.00 halfway through, and $20,000.00 upon completion.

TOTAL - $60,000.00

If you have any questions please do not hesitate to contact me.

Yours truly,

Gerald Painting

Gerald Pointing
President

[redacted] **Fax (516) 327-6054**

PII

SERVPRO OF LOWER & MIDTOWN MANHATTAN

PRO RESTORATION, INC.
244 MADISON AVENUE, SUITE 138
MANHATTAN, NY 11201
(212) 768-9400
(212) 768-9877 FAX

INVOICE

OCTOBER 17, 2001

INVOICE # 3760545

KENNETH BARBER
MURRAY STREET REALITY
9 MURRAY STREET
NEW YORK, NY 10007-2223

RESTORATION SERVICES RENDERED AT THE ABOVE ADDRESS DUE TO **SMOKE/SOOT DAMAGE**

STRUCTURE TOTAL BEFORE SALES TAX..... $13,400.00
NON-TAXABLE AMOUNT $ -

SALES TAX ON
TAXABLE SALES OF $13,400.00 @ 8.25% ..... $ 1,105.50

GRAND TOTAL..... $14,505.50

NOTE: PLEASE CALL US WHEN CHECK IS READY AND WE WILL PICK IT UP. INCLUDING OUR NAME ON THE CHECK WILL BE GREATLY APPRECIATED.

Please remit payment to:
SERVPRO
525 Route 112
Port Jefferson Station, NY 11776

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME :MURRAY ST.REALITY
ADDRESS :9 MURRAY STREET
CITY,ST :NEW YORK,N.Y.
PHONE :718-638-9587
LOSS DATE:9/11/01
CLAIM# :NONE
LOSS TYPE:SMOKE/SOOT
VERSION :CLEANING

INSURED BY :NONE
ADJUSTER :NONE
AGENT :NONE

fax final Bill

Rob will do by to P/U check

EMERGENCY CLEANING

SERVPRO OF LOWER AND I ... CLEAN ALL STRUCTURE IN THE FOLL... FLOORS SIX,SEVEN,EIGH... E CLEANING INCLUDES ALL CEILINGS ... INDOWS AND RADIATORS.ONLY INTERI...

10B CLEAN ABOVE AREAS ... ; @ 6900.00 6900.00
SERVPRO WILL CLEAN STRUCTURE IN ... 'S,FLOORS 1 THRU 12

12B CLEAN ENTRANCE LOBBY'S FLOORS 1 THRU12 1 CHG @ 3000.00 3000.00
SERVPRO WILL CLEAN STRUCTURE IN STAIRWAYS,BOTH SIDES,FLOORS 1 THRU 12.
WE WILL ALSO CLEAN 2 FREIGHT ENTRANCES AND LOBBY.

16B CLEAN STAIRWAYS 1THRU 12 1 CHG @ 3500.00 3500.00

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME	:MURRAY ST.REALITY	INSURED BY	:NONE
ADDRESS	:9 MURRAY STREET	ADJUSTER	:NONE
CITY,ST	:NEW YORK,N.Y.	AGENT	:NONE
PHONE	:718-638-9587	CALLED IN	:10/2/01
LOSS DATE	:9/11/01	INSPECTED	:10/2/01
CLAIM#	:NONE	TODAY'S DATE	:10/2/01
LOSS TYPE	:SMOKE/SOOT		
VERSION	:CLEANING	(File;MREALITY)	

EMERGENCY CLEANING

SERVPRO OF LOWER AND MIDTOWN MANHATTAN PROPOSES TO CLEAN ALL STRUCTURE IN THE FOLLOWING AREAS OF BUILDING.
FLOORS SIX,SEVEN,EIGHT,NINE,TEN AND TWELVE,STRUCTURE CLEANING INCLUDES ALL CEILINGS,WALLS,FLOORS,LIGHT FIXTURES,WINDOWS AND RADIATORS.ONLY INTERIOR OF WINDOWS WILL BE CLEANED.

10B	CLEAN ABOVE	AREAS OF BLDG.	1 CHG @	6900.00	6900.00

SERVPRO WILL CLEAN STRUCTURE IN ALL ENTRANCE LOBBY'S,FLOORS 1 THRU 12

12B	CLEAN ENTRANCE	LOBBY'S FLOORS 1 THRU12	1 CHG @	3000.00	3000.00

SERVPRO WILL CLEAN STRUCTURE IN STAIRWAYS,BOTH SIDES,FLOORS 1 THRU 12.
WE WILL ALSO CLEAN 2 FREIGHT ENTRANCES AND LOBBY.

16B	CLEAN	STAIRWAYS 1THRU 12	1 CHG @	3500.00	3500.00

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME	:MURRAY ST.REALITY	INSURED BY	:NONE
ADDRESS	:9 MURRAY STREET	ADJUSTER	:NONE
CITY,ST	:NEW YORK,N.Y.	AGENT	:NONE
PHONE	:718-638-9587	CALLED IN	:10/2/01
LOSS DATE	:9/11/01	INSPECTED	:10/2/01
CLAIM#	:NONE	TODAY'S DATE	:10/2/01
LOSS TYPE	:SMOKE/SOOT		
VERSION	:CLEANING	(File:MREALITY)	

<<< TRADE TOTALS >>> <<< CONTENTS GROUPS >>>

B-STRUCTURE CLEANING 13400.00

SUMMARY OF ESTIMATE TOTALS

STRUCTURE:		
Total Trades	13,400.00	
TAX	1,105.50	
STRUCTURE TOTAL		$ 14,505.50
CONTENTS		
GROUP TOTAL	0.00	
TAX	0.00	
CONTENTS TOTAL		$ 0.00
GRAND TOTAL		$ 14,505.50

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME	:MURRAY ST.REALITY	INSURED BY	:NONE
ADDRESS	:9 MURRAY STREET	ADJUSTER	:NONE
CITY,ST	:NEW YORK,N.Y.	AGENT	:NONE
PHONE	:718-638-9587	CALLED IN	:10/2/01
LOSS DATE	:9/11/01	INSPECTED	:10/2/01
CLAIM#	:NONE	TODAY'S DATE	:10/2/01
LOSS TYPE	:SMOKE/SOOT		
VERSION	:CLEANING	(File:MREALITY)	

<<< TRADE TOTALS >>> <<< CONTENTS GROUPS >>>

B-STRUCTURE CLEANING	13400.00

SUMMARY OF ESTIMATE TOTALS

STRUCTURE:		
Total Trades	13,400.00	
TAX	1,105.50	
STRUCTURE TOTAL		$ 14,505.50
CONTENTS		
GROUP TOTAL	0.00	
TAX	0.00	
CONTENTS TOTAL		$ 0.00
GRAND TOTAL		$ 14,505.50

FAX COVER SHEET

SERVPRO of LOWER & MIDTOWN MANHATTAN
244 Madison Avenue, Suite 138, NY, NY 10016-2819
Phone: (212) 768-9400 Fax: (212) 768-9877

SERVPRO of PORT JEFFERSON
525 Route 112, Suite 1, Port Jefferson Station, NY 11776
Phone: (631) 476-5300 / (631) 928-SOOT Fax: (631) 476-5302

SEND TO	
Company name: Murray St. Realty	From: Tony Giasi
Attention:	Date: 10/15/01
Office location:	Office location:
Fax number: 212-757-3212	Phone number:

☐ Urgent ☐ Reply ASAP ☐ Please comment ☐ Please review ☐ For your information

Total pages, including cover: 4

COMMENTS

Emergency
Cleaning
Estimate

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME	:MURRAY ST.REALITY	INSURED BY	:NONE
ADDRESS	:9 MURRAY STREET	ADJUSTER	:NONE
CITY,ST	:NEW YORK,N.Y.	AGENT	:NONE
PHONE	:718-638-9587	CALLED IN	:10/2/01
LOSS DATE	:9/11/01	INSPECTED	:10/2/01
CLAIM#	:NONE	TODAY'S DATE	:10/2/01
LOSS TYPE	:SMOKE/SOOT		
VERSION	:CLEANING	(File:MREALITY)	

EMERGENCY CLEANING

SERVPRO OF LOWER AND MIDTOWN MANHATTAN PROPOSES TO CLEAN ALL STRUCTURE IN THE FOLLOWING AREAS OF BUILDING.
FLOORS SIX,SEVEN,EIGHT,NINE,TEN AND TWELVE,STRUCTURE CLEANING INCLUDES ALL CEILINGS,WALLS,FLOORS,LIGHT FIXTURES,WINDOWS AND RADIATORS.ONLY INTERIOR OF WINDOWS WILL BE CLEANED.

10B	CLEAN ABOVE	AREAS OF BLDG.	1 CHG @	6900.00	6900.00

SERVPRO WILL CLEAN STRUCTURE IN ALL ENTRANCE LOBBY'S,FLOORS 1 THRU 12

12B	CLEAN ENTRANCE	LOBBY'S FLOORS 1 THRU12	1 CHG @	3000.00	3000.00

SERVPRO WILL CLEAN STRUCTURE IN STAIRWAYS,BOTH SIDES,FLOORS 1 THRU 12.
WE WILL ALSO CLEAN 2 FREIGHT ENTRANCES AND LOBBY.

16B	CLEAN	STAIRWAYS 1THRU 12	1 CHG @	3500.00	3500.00

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME	:MURRAY ST.REALITY	INSURED BY	:NONE
ADDRESS	:9 MURRAY STREET	ADJUSTER	:NONE
CITY,ST	:NEW YORK,N.Y.	AGENT	:NONE
PHONE	:718-638-9587	CALLED IN	:10/2/01
LOSS DATE	:9/11/01	INSPECTED	:10/2/01
CLAIM#	:NONE	TODAY'S DATE	:10/2/01
LOSS TYPE	:SMOKE/SOOT		
VERSION	:CLEANING	(File:MREALITY)	

<<< TRADE TOTALS >>>		<<< CONTENTS GROUPS >>>
B-STRUCTURE CLEANING	13400.00	

SUMMARY OF ESTIMATE TOTALS

STRUCTURE:		
Total Trades	13,400.00	
TAX	1,105.50	
STRUCTURE TOTAL		$ 14,505.50
CONTENTS		
GROUP TOTAL	0.00	
TAX	0.00	
CONTENTS TOTAL		$ 0.00
GRAND TOTAL		$ 14,505.50

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

RE: NAME :MURRAY ST.REALITY

DETAIL OF TOTALS

	STRUCTURE	CONTENTS	TOTAL
SUB-TOTAL	13,400.00	0.00	13,400.00
TAXABLE	< 13,400.00>	< 0.00>	< 13,400.00>
TAX 8.25%	1,105.50	0.00	1,105.50
GRAND TOTAL	14,505.50	0.00	14,505.50

FAX COVER SHEET

SERVPRO of LOWER & MIDTOWN MANHATTAN
244 Madison Avenue, Suite 138, NY, NY 10016-2819
Phone: (212) 768-9400 Fax: (212) 768-9877

SERVPRO of PORT JEFFERSON
525 Route 112, Suite 1, Port Jefferson Station, NY 11776
Phone: (631) 476-5300 / (631) 928-SOOT Fax: (631) 476-5302

SEND TO	
Company name: MURRAY ST. Realty	From: TONY GIASI
Attention: KENNETH BARBER	Date: 10/2/01
Office location:	Office location:
Fax number: 718-638-9587	Phone number:

☐ Urgent ☐ Reply ASAP ☐ Please comment ☐ Please review ☒ For your information

Total pages, including cover: 4

COMMENTS

9 MURRAY ST.
NEW YORK, N.Y.

CLEANING ESTIMATE

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME	:MURRAY ST.REALITY	INSURED BY	:NONE
ADDRESS	:9 MURRAY STREET	ADJUSTER	:NONE
CITY,ST	:NEW YORK,N.Y.	AGENT	:NONE
PHONE	:718-638-9587	CALLED IN	:10/2/01
LOSS DATE	:9/11/01	INSPECTED	:10/2/01
CLAIM#	:NONE	TODAY'S DATE	:10/2/01
LOSS TYPE	:SMOKE/SOOT		
VERSION	:CLEANING	(File:MREALITY)	

EMERGENCY CLEANING

SERVPRO OF LOWER AND MIDTOWN MANHATTAN PROPOSES TO CLEAN ALL STRUCTURE IN THE FOLLOWING AREAS OF BUILDING.
ALL COMMON AREAS,(3) ENTRANCE LOBBYS WITH HALLWAYS.
FLOORS SIX,SEVEN,EIGHT,NINE,TEN AND TWELVE,STRUCTURE CLEANING INCLUDES ALL CEILINGS,WALLS,FLOORS,LIGHT FIXTURES,WINDOWS AND RADIATORS.ONLY INTERIOR OF WINDOWS WILL BE CLEANED.

11B	CLEAN ABOVE	AREAS OF BLDG.	1 CHG @	6900.00	6900.00

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

NAME	:MURRAY ST.REALITY	INSURED BY	:NONE
ADDRESS	:9 MURRAY STREET	ADJUSTER	:NONE
CITY,ST	:NEW YORK,N.Y.	AGENT	:NONE
PHONE	:718-638-9587	CALLED IN	:10/2/01
LOSS DATE	:9/11/01	INSPECTED	:10/2/01
CLAIM#	:NONE	TODAY'S DATE	:10/2/01
LOSS TYPE	:SMOKE/SOOT		
VERSION	:CLEANING	(File:MREALITY)	

<<< TRADE TOTALS >>> <<< CONTENTS GROUPS >>>

B-STRUCTURE CLEANING 6900.00

SUMMARY OF ESTIMATE TOTALS

STRUCTURE:		
Total Trades	6,900.00	
TAX	569.25	
STRUCTURE TOTAL		$ 7,469.25
CONTENTS		
GROUP TOTAL	0.00	
TAX	0.00	
CONTENTS TOTAL		$ 0.00
GRAND TOTAL		$ 7,469.25

SERVPRO OF LOWER & MIDTOWN MANHATTAN
244 MADISON AVENUE, SUITE 138
NEW YORK, N.Y. 10016
(212)768-9400 FAX (212)768-9877

RE: NAME :MURRAY ST.REALITY

DETAIL OF TOTALS

	STRUCTURE	CONTENTS	TOTAL
SUB-TOTAL	6,900.00	0.00	6,900.00
TAXABLE	< 6,900.00>	< 0.00>	< 6,900.00>
TAX 8.25%	569.25	0.00	569.25
GRAND TOTAL	7,469.25	0.00	7,469.25

ATC ASSOCIATES INC.

104 East 25th Street
10th Floor
New York, New York
10010-2917
212.353.8280
Fax 212.353.8306

October 8, 2001

Mr. Kenneth Barber
C/o Kellogg Properties
9 Murray Street
New York, N.Y. 10007

Re: Asbestos Ambient Air Monitoring From Basement through 12th Floor at 9-11 Murray Street, New York, N.Y.
ATC Project No. 15-21496-01 **via fax at 212-757-3212**

Dear Mr. Barber:

ATC Associates, Inc. (ATC) was retained by Kellogg Properties to conduct asbestos air sampling at the above referenced site. Mr. Tim Amstislavskiy performed the air sampling from Wednesday, September 26th through Friday, September 28th 2001. All Air samples were analyzed via Phase Contrast Microscopy (PCM) on basement through 12th floor & Transmission Electron Microscopy (TEM) for the tenant on 3rd floor.

A total of 66 samples were taken throughout the above-mentioned floors via PCM and 5 samples via TEM. All air-sampling results via PCM for the ambient areas were below 0.01 fibers per square centimeter (f/cc), and via TEM on the 3rd floor show airborne structure concentrations to be less than 70 structures per Millimeter Square (s/mm), which meets the clearance criteria following all City, State and Federal Regulations for both PCM & TEM. **The area is now ready for re-occupancy.**

Attached please find the results for the air samples taken. If you have any questions or require further assistance with this matter, please feel free to contact me at 212-353-8280 ext. 257 at your earliest convenience.

Sincerely,

David T. Chang
National Account Manager

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

ATC ASSOCIATES INC.

Page _____ of _____

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Murray St	2a. Project Address: 9 Murray St NYNY	3a. Task #	4a. Air Sampler:	

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacturer: MMT Lot #: 010405	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer: Lot #:	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☐ Other
9/7/01	Basement (SB-1)			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
FB-01				Field Blank									
				Field Blank									
SB-01		V		SB (Basement) Manhole	1430	1630	120	15	15	15	1800	7/100	<0.003
SB-02		V		SB Dust side	1432	1632	120	15	15	15	1800	9/100	<0.003
SB-03		V		SB Hall East side	1434	1634	120	15	15	15	1800	4/100	<0.003

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I		9/8/01	1900
II			
III			

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By:	9/10/01	21:45
b. QC By:		
c. Lab Batch #:		

25. Microscope Make/Serial #:
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

26. ATC Project Manager:	27. Result To: David Chang Beeper/Phone #'s	28. Comments:
David Chang		

Analysis Methodology
V PCM - NIOSH 7400A
TEM - AHERA

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of ___

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ____

PROJECT INFORMATION

1. Client: 9 Murray St
2. Project Name:
2a. Project Address: 9 Murray St NY NY
3. Project #:
3a. Task #:
4. Project Monitor: [illegible]
4a. Air Sampler:
4c. Rotameter Number: SD-132
5. Date: 9/27/01
6. Abatement Location: Bsmnt (B-1)
7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture: Lot # 004495
8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: Lot #
9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
B-01				Field Blank / Field Blank								0/100	
B-02		V		B-1 North side	1100	1400	120	15	15	15	1800	3/100	<0.003
B-03		V		B-1 West side	1203	1403	120	15	15	15	1800	1/100	<0.003
B-04		V		B-1 East side	1207	1407	120	15	15	15	1800	4/100	<0.003

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I	[illegible]	[illegible]	09/27/01	1900
II				
III				

26. ATC Project Manager: [illegible]
27. Result To: David Orange
Beeper/Phone #'s

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:		23. Date:	24. Time:
a. Analyzed By:	[illegible]	09/27/01	22:0[illegible]
b. QC By:			
c. Lab Batch #:	97160		

28. Comments:

25. Microscope Make/Serial #: Olympus [illegible]
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

NY 1 (1/01)

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

ATC ASSOCIATES INC.

Page _____ of _____

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Murray	2a. Project Address: 9 Murray St NY NY	3a. Task # 1	4a. Air Sampler:	SD-152

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacturer: MNT Lot #: 01044915	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer: Lot #:	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other
9/27/01	WLobby			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
WL-01				Field Blank								0/100	
EL-01				Field Blank								6/100	
WL-09		V		West Lobby West side	1440	1640	120	15	15	15	1800	3/100	<0.003
WL-03		V		West Lobby East side	1442	1641	119	15	15	15	1820	5/100	<0.003
EL-02				East Lobby West side	1453	1653	120	15	15	15	1800	4/100	<0.003
EL-03				East Lobby East side	1454	1651	120	15	15	15	1800	7/100	<0.003

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I			09/27/01	1900
II				
III				

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By:	09/28/01	1025
b. QC By:		
c. Lab Batch #: 97155		

25. Microscope Make/Serial #: Various Motion
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
√ PCM - NIOSH 7400A
TEM - AHERA

26. ATC Project Manager:	27. Result To:	28. Comments:
David Chang	David Chang Beeper/Phone #'s	

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page _____ of _____

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Mullaly St	2a. Project Address: 9 Mullaly St NY NY	3a. Task #	4a. Air Sampler:	

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacturer: Mart Lot #: 0104415	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer: Lot #:	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☐ Other
9/28/01	9 FL			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
2-01				Field Blank								0/100	
				Field Blank									
1-02		L		9 FL West side	1010	1210	120	15	15	15	1800	3/100	<0.003
1-03		L		9 FL East side	1013	1213	120	15	15	15	1800	5/100	<0.003
2-04		L		9 FL South side	1015	1215	120	15	15	15	1800	3/100	<0.003

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I			
II			
III			

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By:		
b. QC By:		
c. Lab Batch #:		

25. Microscope Make/Serial #:
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
V PCM - NIOSH 7400A
TEM - AHERA

26. ATC Project Manager:

27. Result To:

Report/Phone #'s

28. Comments:

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ____ of ____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ____

PROJECT INFORMATION

1. Client: 9 Murray St
2. Project Name:
2a. Project Address: 9 Murray St NY NY
3. Project #: Emergency
3a. Task #: ✓
4. Project Monitor: [illegible]
4a. Air Sampler:
4c. Rotameter Number: SD-132
5. Date: 9/28/01
6. Abatement Location: 3 FL
7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacture: NMT Lot # 0104 4915
8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: X Lot #
9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☑ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
3-01				Field Blank								0/100	
				Field Blank									
3-02		✓		3 FL West side	10:00	1200	12	15	15	15	1800	5/100	<0.003
3-03		✓		3 FL South side	1003	1203	12	15	15	15	1800	4/100	<0.003
3-04		✓		3 FL East side	1005	1205	12	15	15	15	1800	3/100	<0.003

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I	[signature]	[signature]	09/28/01	18:00
II				
III				

26. ATC Project Manager: David Olmo
27. Result To: David Olmo
Beeper/Phone #'s ____

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:		23. Date:	24. Time:
a. Analyzed By:	[signature]	09/28	01 [illegible]
b. QC By:			
c. Lab Batch #:	97181		

28. Comments:

25. Microscope Make/Serial #: [illegible]
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page _____ of _____

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #:	4. Project Monitor:	4c. Rotameter Number:
9 Murray St	2a. Project Address: 9 Murray St NY NY	3a. Task #:	4a. Air Sampler:	SD-152

5. Date:	6. Abatement Location:	7. ☑ PCM (μg micron MCE)	8. ☐ TEM (0.45 micron MCE)	9. Type:
9/7/01	4FL	Cassette/Filter Manufacturer: AMT Lot #: 010491S	Cassette/Filter Manufacturer: Lot #:	a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
4-01				Field Blank Field Blank								0/100	
4-02		V		4FL West staircase	1145	1345	120	15	15	15	1800	3/100	4.6103
4-03		V		4FL Corridor	1148	1348	120	15	15	15	1800	2/100	4.6103
4-04		V		4FL East staircase	1152	1352	120	15	15	15	1800	4/100	4.6103

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I			09/07/01	1900
II				
III				

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By: R. Dvadina	9/8/01	0900
b. QC By:		
c. Lab Batch #: 97162		

25. Microscope Make/Serial #: Olympus 1025
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
PCM - NIOSH 7400A
TEM - AHERA

26. ATC Project Manager: Paul Ohno

27. Result To: David Orange
Beeper/Phone #'s _____

28. Comments:

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ____ of ____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ____

PROJECT INFORMATION

1. Client: 9 Murray
2. Project Name:
2a. Project Address: 9 Murray St NY NY
3. Project #: Emergency
3a. Task #: ✓
4. Project Monitor: Jim Hustiskarskiy
4a. Air Sampler: ✓
4c. Rotameter Number: SD-132
5. Date: 9/27/01
6. Abatement Location: SFL
7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacture: WMT Lot #: EF044915
8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: ✗ Lot #:
9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
S-01				Field Blank								0/100	
				Field Blank									
S-02		✓		SFL West staircase	1130	1330	120	15	15	15	1800	2/100	<0.003
S-03		✓		SFL Corridor	1133	1333	120	15	15	15	1800	5/100	<0.003
S-04		✓		SFL East staircase	1137	1337	120	15	15	15	1800	7/100	<0.005

(13. Time (24 hrs clock); 14. Flow Rate (L/min.))

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I	[signature]	[signature]	09/27/01	1900
II				
III				

26. ATC Project Manager: David Chang
27. Result To: David Chang
Beeper/Phone #'s ____

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:		23. Date:	24. Time:
a. Analyzed By:	[signature]	09/27/01	22:15
b. QC By:			
c. Lab Batch #:	9716		

28. Comments:

25. Microscope Make/Serial #: Olympus CH30
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page _____ of _____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Murray St	2a. Project Address: 9 Murray St NY NY	3a. Task #	4a. Air Sampler:	SD-B2

5. Date:	6. Abatement Location:	7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacture:	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture:	9. Type:
9/27/01	6 FL	Lot #:	Lot #:	a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☑ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
6-01				Field Blank Field Blank								0/100	
6-02		U		6 FL West staircase	915	1115	120	15	15	15	1800	5/100	<0.003
6-03		L		6 FL corridor	917	1117	120	15	15	15	1800	4/100	<0.003
6-04		V		6 FL East staircase	920	1120	120	15	15	15	1800	7/100	<0.003

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I			09/27/01	1900
II				
III				

LAB INFORMATION (ATC ELAP # 10679, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By:	09/27/01	21:55
b. QC By:		
c. Lab Batch #: 97154		

25. Microscope Make/Serial #: 97/1085 5 hrs/hours
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

26. ATC Project Manager: David Chang

27. Result To: David Chang
Beeper/Phone #'s _____

28. Comments:

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 3 of ____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ______

PROJECT INFORMATION

1. Client: 9 Murray St	2. Project Name	3. Project #	4. Project Monitor: Tim Amstislavsky	4c. Rotameter Number:
	2a. Project Address 9 Murray St	3a. Task #	4a. Air Sampler:	

5. Date: 9/26/01
6. Abatement Location: 7 FL
7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacture: MMI Lot # 002 # 0914
8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: X Lot #
9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☑ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
7-01				Field Blank / Field Blank								0/100	
7-02		V		7 FL E-staircase	1193	1323	110	15	15	15	1800	3/100	<0.003
7-03		V		7 FL corridor	1127	1327	110	15	15	15	1800	5/100	<0.003
7-04		V		7 FL west staircase	1400	1600	110	15	15	15	1800	4/100	<0.003

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I [signature]	[signature]	09/26/01	1820
II			
III			

26. ATC Project Manager: David Chang
27. Result To: David Chang
Beeper/Phone #'s ______

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:		23. Date:	24. Time:
a. Analyzed By:	[signature]	09/26/01	22:25
b. QC By:			
c. Lab Batch #:	07135		

25. Microscope Make/Serial #: Olympus [illegible]
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
√ PCM - NIOSH 7400A
TEM - AHERA

28. Comments:

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

ATC ASSOCIATES INC.

Page _____ of _____

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Murray st	2a. Project Address: 9 Murray St NY NY	3a. Task #	4a. Air Sampler:	SD-159

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacturer: MMT Lot #: 2004915	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer: Lot #:	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other
9/27/01	8 FL			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. NWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
9-01				Field Blank								0/100	
				Field Blank									
9-02		V		8 FL West Staircase	901	1101	120	15	15	15	1800	4/100	<0.003
9-03		V		8 FL Corridor	904	1104	120	15	15	15	1800	6/100	<0.003
9-04		V		8 FL East Staircase	908	1108	120	15	15	15	1800	3/100	<0.003

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I		09/27/01	1900
II			
III			

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By:	09/27/01	21:10
b. QC By:		
c. Lab Batch #: 9715		

25. Microscope Make/Serial #: Olympus/1001
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
V PCM - NIOSH 7400A
TEM - AHERA

26. ATC Project Manager:

27. Result To: David Chaino
Beeper/Phone #'s _____

28. Comments:

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of ____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ____

PROJECT INFORMATION

1. Client: 9 Murray
2. Project Name: Murray Air test
2a. Project Address: 9 Murray St NY NY
3. Project #: Emergency
3a. Task #: ✓
4. Project Monitor: [illegible]
4a. Air Sampler:
4c. Rotameter Number: SD-139
5. Date: 9/27/01
6. Abatement Location: 9 FL
7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture: MAT Lot # 0044215
8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: ✓ Lot #
9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☑ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
9-01				Field Blank / Field Blank								0/100	
9-02		✓		9 FL West staircase	845	1045	120	15	15	15	1800	3/100	<0.003
9-03		✓		9 FL corridor	848	1048	120	15	15	15	1800	4/100	<0.003
9-04		✓		9 FL East staircase	850	1050	120	15	15	15	1800	3/100	<0.003

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I [signature]	[signature]	09/25/01	1900
II			
III			

26. ATC Project Manager: [signature]
27. Result To: David [illegible]
Beeper/Phone #'s

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:		23. Date:	24. Time:
a. Analyzed By:	[signature]	09/27/01	8:35
b. QC By:			
c. Lab Batch #:	97157		

28. Comments:

25. Microscope Make/Serial #: Olympus [illegible]
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

NY-1 (1/01)

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ______ of ______

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ______

PROJECT INFORMATION

1. Client: 9 Murray St	2. Project Name 2a. Project Address 9 Murray St NY NY	3. Project # [illegible] 3a. Task # Y	4. Project Monitor [illegible] 4a. Air Sampler:	4c. Rotameter Number: SD-132
5. Date: 9/18/01	6. Abatement Location: 10 FL	7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacture [illegible] Lot # 0104491C	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture Lot #	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
10-01				Field Blank								1/100	
				Field Blank									
10-02		✓		10 FL West side	1441	1641	120	15	15	15	1800	9/100	<0.003
10-03		✓		10 FL East side	1443	1643	120	15	15	15	1800	14/100	0.004
10-04		✓		10 FL South side	1444	1644	120	15	15	15	1800	6/100	<0.003

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I [signature]	[signature]	09/18/01	1800
II			
III			

26. ATC Project Manager: David Chiano

27. Result To: David Chiano
Beeper/Phone #'s

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:		23. Date:	24. Time:
a. Analyzed By:	[signature]	09/18/01	1910
b. QC By:			
c. Lab Batch #:	97183		

25. Microscope Make/Serial #: [illegible]
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

28. Comments:

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ______ of ______

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ______

PROJECT INFORMATION

1. Client: 9 Murray St	2. Project Name	3. Project #	4. Project Monitor: Paul Ustrlvosky	4c. Rotameter Number: 3D-150
	2a. Project Address: 9 Murray St NY NY	3a. Task #	4a. Air Sampler:	

5. Date: 9/26/01	6. Abatement Location: 10 FL	7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacture: MAI Lot # 0027294	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: — Lot #:	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
10-01				Field Blank								0/100	
				Field Blank									
10-02		✓		10 FL E-staircase	1420	1620	120	15	15	15	1800	5/100	<0.003
10-03		✓		10 FL Corridor S-side	1423	1623	120	15	15	15	1800	3/100	<0.003
10-04		✓		10 FL corridor middle (North)	1426	1626	120	15	15	15	1800	4/100	<0.003
10-05		✓		10 FL corridor W-side	1427	1627	120	15	15	15	1800	7/100	<0.003
10-06		✓		10 FL West-staircase	1429	1629	120	15	15	15	1800	3/100	<0.003

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I	[illegible]	[illegible]	09/26/01	1820
II				
III				

26. ATC Project Manager: David Chang

27. Result To: David Chang

Beeper/Phone #'s ______

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:		23. Date:	24. Time:
a. Analyzed By:	[illegible]	09/26/01	2045
b. QC By:			
c. Lab Batch #:	97132		

25. Microscope Make/Serial #: [illegible]
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

28. Comments:

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 2 of ____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Murray St	2a. Project Address: 9 Murray St. NY NY	3a. Task #	4a. Air Sampler:	SP-132

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture: MMT Lot #: 002272914	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: ✓ Lot #:	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☑ Ambient h. ☐ Other
9/26/01	11 FL			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
11-01				Field Blank								0/100	
				Field Blank									
11-02		V		11FL East staircase	1106	1306	120	15	15	15	1800	3/100	<0.003
1103		V		11FL corridor (Hall)	1108	1308	120	15	15	15	1800	8/100	<0.003
11-04		V		11FL West staircase.	1111	1311	120	15	15	15	1800	8/100	<0.003

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I		RKog	09/26/01	1820
II				
III				

26. ATC Project Manager: David Chang

27. Result To: David Chang

Beeper/Phone #'s ____

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By: EKog	09/26/01	2130
b. QC By:		
c. Lab Batch #: 97133		

25. Microscope Make/Serial #: 09/26/01 RKog
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
✓ PCM - NIOSH 7400A
TEM - AHERA

28. Comments:

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

ATC ASSOCIATES INC.

Page 1 of _____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other _____

PROJECT INFORMATION

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Murray St	2a. Project Address: 9 Murray St NY NY	3a. Task #	4a. Air Sampler:	SL 129

5. Date:	6. Abatement Location:	7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacture: MAI Lot #: 00279914	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacture: X Lot #:	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☐ Other
9/26/01	12 FL			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
12-01				Field Blank								0/100	
				Field Blank									
12-02		V		12 FL East staircase	1040	1240	110	15	15	15	1800	4/100	<0.003
12-03		V		12 FL corridor Southside	1043	1243	120	15	15	15	1800	5/100	<0.003
12-04		V		12 FL Corridor middle	1047	1247	120	15	15	15	1800	4/100	<0.003
12-05		V		12 FL Corridor Westside	1048	1248	120	15	15	15	1800	3/100	<0.003
12-06		V		12 FL West staircase	1052	1252	120	15	15	15	1800	2/100	<0.003

CHAIN OF CUSTODY

	18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I			09/26/01	1820
II				
III				

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name:	23. Date:	24. Time:
a. Analyzed By:	09/26/01	23:15
b. QC By:		
c. Lab Batch #: 97134		

25. Microscope Make/Serial #:
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
☑ PCM - NIOSH 7400A
☐ TEM - AHERA

26. ATC Project Manager:

27. Result To: _____
Beeper/Phone #'s _____

28. Comments:

WHITE - File YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)

ATC ASSOCIATES INC.

104 East 25th Street
New York, New York 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

September 28, 2001

ATC Associates Inc.
104 East 25th Street
New York, NY 10010
Attn: Mr. David Chang

Re: Report of TEM Analysis

Dear Mr. Chang:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5577:

Client: 9 Murray Street
Project Name: 9 Murray St., NY, NY
Location: 3rd Floor
Samples received: 09/28/01

These results will confirm and document the data transmitted today to your office. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached Summary Results sheet, no asbestos structures were detected in any of the five inside (ambient) samples submitted from the site. Nuclepore TEM cassettes, Lot No. 98307617, were used.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc. Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC ENVIRONMENTAL, INC.
104 East 25th Street
New York, NY 10010

APPROVED NY STATE DOH ELAP # 10879
ACCREDITED NVLAP Lab Code # 1187

Summary of TEM Results

DATE: 09/28/01

ATC Associates Inc.
104 East 25th Street
New York, NY 10010
Mr. David Chang

Project/Site Identification: 9 Murray Street, NY, NY
3rd Floor

CONCLUSION:

STATISTICAL SUMMARY

1) Inside Samples

TEM#	Project #	Volume(l)	Asbestos Concentration S/mm^2	S/cc	ngm/m^3
5577- 59711	3-02	1300	0.0	0.0044 *	
5577- 59712	3-03	1300	0.0	0.0044 *	
5577- 59713	3-04	1300	0.0	0.0044 *	
5577- 59714	3-05	1300	0.0	0.0044 *	
5577- 59715	3-06	1300	0.0	0.0044 *	
		Average=	0.0	0.0044	0

2) Outside Samples

TEM#	Project #	Volume(l)	Asbestos Concentration S/mm^2	S/cc	ngm/m^3
		Average=	N/A	N/A	N/A

3) Blanks

TEM#	Project #		Asbestos Concentration S/mm^2	S/cc	ngm/m^3
5577- 59710	3-01		Not Analyzed		
		Average=	N/A	N/A	N/A

4) Value of T - Statistic : N/A

* None detected; concentration equivalent to analytical sensitivity assigned.

This test report relates only to the specific items cited in the analysis.
The analysis was carried out according to the approved TEM method. The laboratory is in compliance with the quality specified for the method.

This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

RP

Analyzed by:
Roman Peysakhov

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Environmental, Inc.
104 East 25th Street
New York, New York 10010

ATC Associates Inc.
104 East 25th Street
New York, NY 10010

Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 09/28/01

ASBESTOS FIBER ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY (TEM)

With Fiber Identification by Selected-Area Electron Diffraction (SAED) and Energy-Dispersive X-RAY Spectroscopy (EDS)
Method: AHERA Final Rule, EPA Federal Register (40 CFR, Part 763), Vol. 52, No. 210, October 30, 1987

Sample Identification

Project/Site: 9 Murray Street, NY, NY
3rd Floor
Date Received: 09/28/01

Project Sample No.: 3-02

Air Volume: 1300 liters

Filter Type: MCE 25 mm diam., Pore Size: 0.45 um
Effective Area: 385 mm2

Analysis Parameters

TEM Sample No.: 59677 - 59711

Grid Openings Analyzed: 6

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0674 mm2

Analytical Sensitivity: 14.8 s/mm2
0.0044 s/cc

FIBROUS PARTICULATES ANALYZED

	Number Observed						CONCENTRATION		
	Single Fibers	Bundles	Clusters	Matrix Struct.	Total. Struct.	Total Struct. >=5um	Filter Struct/mm2		Air ngm/m3
Chrysotile Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Amphibole Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Ambiguous	0	0	0	0	0	0	0.0	0.0000	0
Total asbestos (includes ambiguous structures)					0	0	0.0	0.0000	0
Non-Asbestos	0	0	0	0	0	0	0.0	0.0000	N/A
No Identification	0	0	0	0	0	0	0.0	0.0000	N/A
Totals (All Structures)					0	0	0.0	0.0000	N/A

The estimated uncertainty of this analysis is 1 standard deviation.

Non-asbestos fiber i.d. (EDS/SAED): None detected
Amphibole Asbestos Type: None detected

The Analysis was carried out in accordance with the approved TEM method.
This laboratory is in compliance with the quality specified for the method.

Analyzed by:

Roman Peysakhov

Report Reviewed by:

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Environmental, Inc.
104 East 25th Street
New York, New York 10010

ATC Associates Inc.
104 East 25th Street
New York, NY 10010

Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 09/28/01

ASBESTOS FIBER ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY (TEM)

With Fiber Identification by Selected-Area Electron Diffraction (SAED) and Energy-Dispersive X-RAY Spectroscopy (EDS)
Method: AHERA Final Rule, EPA Federal Register (40 CFR, Part 763), Vol. 52, No. 210, October 30, 1987

Sample Identification

Project/Site: 9 Murray Street, NY, NY
3rd Floor
Date Received: 09/28/01

Project Sample No.: 3-03

Air Volume: 1300 liters

Filter Type: MCE 25 mm diam., Pore Size: 0.45 um
Effective Area: 385 mm2

Analysis Parameters

TEM Sample No.: 5577 - 59712

Grid Openings Analyzed: 6

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0674 mm2

Analytical Sensitivity: 14.8 s/mm2
0.0044 s/cc

FIBROUS PARTICULATES ANALYZED

	Number Observed						CONCENTRATION		
	Single Fibers	Bundles	Clusters	Matrix Struct.	Total. Struct.	Total Struct. >=5um	Filter Struct/mm2		Air ngm/m3
								Struct/cc	
Chrysotile Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Amphibole Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Ambiguous	0	0	0	0	0	0	0.0	0.0000	0
Total asbestos (includes ambiguous structures)					0	0	0.0	0.0000	0
Non-Asbestos	0	0	0	0	0	0	0.0	0.0000	N/A
No Identification	0	0	0	0	0	0	0.0	0.0000	N/A
Totals (All Structures)					0	0	0.0	0.0000	N/A

The estimated uncertainty of this analysis is 1 standard deviation.

Non-asbestos fiber i.d. (EDS/SAED): None detected
Amphibole Asbestos Type: None detected

The Analysis was carried out in accordance with the approved TEM method.
This laboratory is in compliance with the quality specified for the method.

Analyzed by:

Roman Peysakhov

Report Reviewed by:

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Environmental, Inc.
104 East 25th Street
New York, New York 10010

ATC Associates Inc.
104 East 25th Street
New York, NY 10010

Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 09/28/01

ASBESTOS FIBER ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY (TEM)

With Fiber Identification by Selected-Area Electron Diffraction (SAED) and Energy-Dispersive X-RAY Spectroscopy (EDS)
Method: AHERA Final Rule, EPA Federal Register (40 CFR, Part 763), Vol. 52, No. 210, October 30, 1987

Sample Identification

Project/Site: 9 Murray Street, NY, NY
3rd Floor
Date Received: 09/28/01

Project Sample No.: 3-04

Air Volume: 1300 liters

Filter Type: MCE 25 mm diam., Pore Size: 0.45 um
Effective Area: 385 mm2

Analysis Parameters

TEM Sample No.: 5577 - 59713

Grid Openings Analyzed: 6

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0674 mm2

Analytical Sensitivity: 14.8 s/mm2
0.0044 s/cc

FIBROUS PARTICULATES ANALYZED

	Number Observed						CONCENTRATION		
	Single Fibers	Bundles	Clusters	Matrix Struct.	Total. Struct.	Total Struct. >=5um	Filter Struct/mm2	Air Struct/cc	Air nam/m3
Chrysotile Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Amphibole Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Ambiguous	0	0	0	0	0	0	0.0	0.0000	0
Total asbestos (includes ambiguous structures)					0	0	0.0	0.0000	0
Non-Asbestos	0	0	0	0	0	0	0.0	0.0000	N/A
No Identification	0	0	0	0	0	0	0.0	0.0000	N/A
Totals (All Structures)					0	0	0.0	0.0000	N/A

The estimated uncertainty of this analysis is 1 standard deviation.

Non-asbestos fiber i.d. (EDS/SAED): None detected
Amphibole Asbestos Type: None detected

The Analysis was carried out in accordance with the approved TEM method.
This laboratory is in compliance with the quality specified for the method.

Analyzed by:

Roman Peysakhov

Report Reviewed by:

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Environmental, Inc.
104 East 25th Street
New York, New York 10010

ATC Associates Inc.
104 East 25th Street
New York, NY 10010

Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 09/28/01

ASBESTOS FIBER ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY (TEM)

With Fiber Identification by Selected-Area Electron Diffraction (SAED) and Energy-Dispersive X-RAY Spectroscopy (EDS)
Method: AHERA Final Rule, EPA Federal Register (40 CFR, Part 763), Vol. 52, No. 210, October 30, 1987

Sample Identification

Project/Site: 9 Murray Street, NY, NY
3rd Floor
Date Received: 09/28/01

Project Sample No.: 3-05

Air Volume: 1300 liters

Filter Type: MCE 25 mm diam., Pore Size: 0.45 um
Effective Area: 385 mm2

Analysis Parameters

TEM Sample No.: 5577 - 53714

Grid Openings Analyzed: 6

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0674 mm2

Analytical Sensitivity: 14.8 s/mm2
0.0044 s/cc

FIBROUS PARTICULATES ANALYZED

	Number Observed						CONCENTRATION		
	Single Fibers	Bundles	Clusters	Matrix Struct.	Total. Struct.	Total Struct. >=5um	Filter Struct/mm2	Struct/cc	Air ngm/m3
Chrysotile Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Amphibole Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Ambiguous	0	0	0	0	0	0	0.0	0.0000	0
Total asbestos (includes ambiguous structures)					0	0	0.0	0.0000	0
Non-Asbestos	0	0	0	0	0	0	0.0	0.0000	N/A
No Identification	0	0	0	0	0	0	0.0	0.0000	N/A
Totals (All Structures)					0	0	0.0	0.0000	N/A

The estimated uncertainty of this analysis is 1 standard deviation.

Non-asbestos fiber i.d. (EDS/SAED): None detected
Amphibole Asbestos Type: None detected

The Analysis was carried out in accordance with the approved TEM method.
This laboratory is in compliance with the quality specified for the method.

Analyzed by:

Roman Peysakhov

Report Reviewed by:

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC Environmental, Inc.
104 East 25th Street
New York, New York 10010

ATC Associates Inc.
104 East 25th Street
New York, NY 10010

Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 09/28/01

ASBESTOS FIBER ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY (TEM)

With Fiber Identification by Selected-Area Electron Diffraction (SAED) and Energy-Dispersive X-RAY Spectroscopy (EDS)
Method: AHERA Final Rule, EPA Federal Register (40 CFR, Part 763), Vol. 52, No. 210, October 30, 1987

Sample Identification

Project/Site: 9 Murray Street, NY, NY
3rd Floor
Date Received: 09/28/01

Project Sample No.: 3-06

Air Volume: 1300 liters

Filter Type: MCE 25 mm diam., Pore Size: 0.45 um
Effective Area: 385 mm2

Analysis Parameters

TEM Sample No.: 5577 - 59715

Grid Openings Analyzed: 6

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0674 mm2

Analytical Sensitivity: 14.8 s/mm2
0.0044 s/cc

FIBROUS PARTICULATES ANALYZED

	Number Observed						CONCENTRATION		
	Single Fibers	Bundles	Clusters	Matrix Struct.	Total. Struct.	Total Struct. >=5um	Filter Struct/mm2	Filter Struct/cc	Air n/m3
Chrysotile Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Amphibole Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Ambiguous	0	0	0	0	0	0	0.0	0.0000	0
Total asbestos (includes ambiguous structures)					0	0	0.0	0.0000	0
Non-Asbestos	0	0	0	0	0	0	0.0	0.0000	N/A
No Identification	0	0	0	0	0	0	0.0	0.0000	N/A
Totals (All Structures)					0	0	0.0	0.0000	N/A

The estimated uncertainty of this analysis is 1 standard deviation.

Non-asbestos fiber i.d. (EDS/SAED): None detected
Amphibole Asbestos Type: None detected

The Analysis was carried out in accordance with the approved TEM method.
This laboratory is in compliance with the quality specified for the method.

Analyzed by:

Roman Peysakhov

Report Reviewed by:

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC ASSOCIATES INC. – TEM ANALYSIS

Lab Sample No. 59711
Client Spl. No. 3-02
Instrument I.D. EM 10 CRX
Screen Magnification 16,400X
Acc. Voltage 80 kV

LAB GROUP #: 5577 - 09/28/01
Filter Type MCE 25 mm
Filter Area 385 mm^2
Grid I.D. G24 1T2K
(GO) Area 0.01124 mm^2
No. GO to be Analyzed 6

Operator RP
Disk No.
Comments
(4.721 Struct. Corspd. to 70 s/mm^2.)

GO. No.	GO. Coord.	Structure No.	Structure Type F	B	C	M	Length ≥0.5 um < 5 um	Length ≥ 5um	I.D. of Structure Chrys.	Amphibole	Nonasb.	N or ✓ Ambig./ND	EDS (Nonasb. Elements)
1T 1	J2	NSD											
2	I2	〃											
3	P8	〃											
4	V2	〃											
5	P2	〃											
2K 6	I2	〃											

Photo No. (from 1 in 5 asbestos-containing samples)

Identify all structures using EDS

Check diffraction for asbestos structures up to 70s/mm² (1st 4)

Store all unrepeated spectra

Struct. = ≥ 0.5um & > 3:1 Aspect Ratio

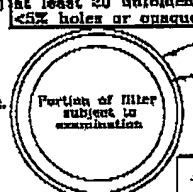
N= Not Observed (EDS spectrum or diffraction pattern)

✓= Positive diffraction pattern properties conforming to laboratory identification criteria observed.
For chrysotile: 0.73nm spacing for (002) reflections, 0.53nm spacing for the layer line repeat, streaking of (110) and (111) reflections.
For amphiboles: 0.53nm layer line repeat, and approx. 3:5 ratio of non-twinned layer line spot spacing to layer line repeat distance (0.53nm).

✓= EDS spectrum conforming to laboratory identification criteria observed.

P= Single Fiber (1-3 intersections = 1-3 fibers)
B= Bundle (>3 fibers <1 fiber diameter apart)
C= Cluster (>3 intersections)
M= Matrix
NSD= No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage
at least 20 unfolded or overlapped grid squares
<5% holes or opaque areas



Stopping Rules:
>50 s/G.O. or in 1st 4 G.O.

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	≥ 5um
Chrysotile					
Amphibole					
Ambiguous					
Non-asbestos					
Non-Identified					

L\DATA\PRIVATE\MIKEG\CADD\TEM3 9/22/98

ATC ASSOCIATES INC. – TEM ANALYSIS

LAB GROUP #: 5577 - 09/28/01

Lab Sample No. 59712
Client Spl. No. 3-03
Instrument I.D. EM 10 CRX
Screen Magnification 16,400X
Acc. Voltage 80 kV

Filter Type MCE 25 mm
Filter Area 385 mm^2
Grid I.D. 424 2MO
(GO) Area 0.01124 mm^2
No. GO to be Analyzed 6

Operator RP
Disk No.
Comments
(4.721 Struct. Corapd. to 70 s/mm^2.)

GO. No.	GO. Coord.	Structure No.	Structure Type F	B	C	M	Length ≥0.5 um < 5 um	Length ≥ 5um	I.D. of Structure Chrys.	Amphibole	Nonasb.	Ambig./ND	N or ✓ EDS (Nonasb. Elements)
1	N2	N82											
2	P2	4											
3	Q2	11											
4	V2	11											
5	P2	11											
6	I2	11											

Photo No. (from 1 in 5 asbestos-containing samples)

Identify all structures using EDS

Check diffraction for asbestos structures up to 70s/mm (1st 4)

Store all unrepeated spectra

Struct. = ≥ 0.5um & ≥ 5:1 Aspect Ratio

N= Not Observed (EDS spectrum or diffraction pattern)

✓= Positive diffraction pattern properties conforming to laboratory identification criteria observed.
For chrysotile: 0.73nm spacing for (020) reflections, 0.53nm spacing for the layer line repeat, streaking of (110) and (130) reflections.
For amphiboles: 0.53nm layer line repeat, and approx. 3.5 ratio of non-twinned layer line spot spacing to layer line repeat distance (0.53nm).

✓= EDS spectrum conforming to laboratory identification criteria observed.

F= Single Fiber (1-3 intersections = 1-3 fibers)
B= Bundle (>3 fibers <1 fiber diameter apart)
C= Cluster (>3 intersections)
M= Matrix
NSD= No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage
at least 20 unfolded or overlapped grid squares
<5% holes or opaque areas

Stopping Rules:
>30 s/G.O. or in 1st 4 G.O.

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	≥ 5um
Chrysotile					
Amphibole					
Ambiguous					
Non-asbestos					
Non-Identified					

L:\DATA\PRIVATES\MDEC\CADD\TEM3 8/22/98

ATC ASSOCIATES INC. – TEM ANALYSIS

LAB GROUP #: 5577 - 09/28/01

Lab Sample No. 59713
Client Spl. No. 3-04
Instrument I.D. BM 10 CRX
Screen Magnification 16,400X
Acc. Voltage 80 kV

Filter Type MCE 25 mm
Filter Area 385 mm^2
Grid I.D. 124 20S
(GO) Area 0.01124 mm^2
No. GO to be Analyzed 6

Operator AiP
Disk No.
Comments
(4.721 Struct. Corspd. to 70 s/mm^2.)

GO. No.	GO. Coord.	Structure No.	Structure Type F	B	C	M	Length ≥0.5 um < 5 um	Length ≥ 5um	I.D. of Structure Chrys.	Amphibole	Nonasb.	N or ✓ Ambig./ND	EDS (Nonasb. Elements)
1	X2	N02											
2	59	11											
3	I6	11											
4	X2	11											
5	Q2	11											
6	52	11											

Photo No. (from 1 in 5 asbestos-containing samples)

Identify all structures using EDS

Check diffraction for asbestos structures up to 70s/mm (1st 4)

Store all unrepeated spectra

Struct. = ≥ 0.5um & > 5:1 Aspect Ratio

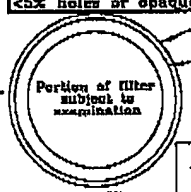
N= Not Observed (EDS spectrum or diffraction pattern)

✓= Positive diffraction pattern properties conforming to laboratory identification criteria observed.
For chrysotile: 0.73nm spacing for (020) reflections, 0.53nm spacing for the layer line repeat, streaking of (110) and (130) reflections.
For amphiboles: 0.53nm layer line repeat, and approx. 3.5 ratio of non-twinned layer line spot spacing to layer line repeat distance (0.53nm).

✓= EDS spectrum conforming to laboratory identification criteria observed.

F= Single Fiber (1-3 intersections w 1-3 fibers)
B= Bundle (>3 fibers <1 fiber diameter apart)
C= Cluster (>3 intersections)
M= Matrix
NSD= No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage
at least 20 unfolded or overlapped grid squares
<5% holes or opaque areas



Stopping Rules: >50 s/G.O. or in 1st 4 G.O.

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	≥ 5um
Chrysotile					
Amphibole					
Ambiguous					
Non-asbestos					
Non-Identified					

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ATC ASSOCIATES INC. – TEM ANALYSIS

Lab Sample No. 59714
Client Spl. No. 3-05
Instrument I.D. EM 10 CRX
Screen Magnification 16,400X
Acc. Voltage 80 kV

LAB GROUP #: 5577 - 09/28/01
Filter Type MCE 25 mm
Filter Area 385 mm^2
Grid I.D. 424 3LN
(GO) Area 0.01124 mm^2
No. GO to be Analyzed 6

Operator WP
Disk No.
Comments: (4.721 Struct. Corspd. to 70 s/mm^2.)

GO. No.	GO. Coord.	Structure No.	Structure Type F	B	C	M	Length ≥0.5 um < 5 um	Length ≥ 5um	I.D. of Structure N or ✓ Chrys.	Amphibole	Nonasb.	Ambig./ND	EDS (Nonasb. Elements)
1	RZ	NSD											
2	QZ	11											
3	PZ	11											
4	OZ	11											
5	JZ	11											
6	IZ	11											

Photo No. (from 1 in 5 asbestos-containing samples)

Identify all structures using EDS

Check diffraction for asbestos structures up to 70s/mm (1st 4)

Store all unrepeated spectra

Struct. = ≥ 0.5um & > 5:1 Aspect Ratio

N= Not Observed (EDS spectrum or diffraction pattern)

✓= Positive diffraction pattern properties conforming to laboratory identification criteria observed.
For chrysotile: 0.73nm spacing for (020) reflections, 0.53nm spacing for the layer line repeat, streaking of (110) and (130) reflections.
For amphiboles: 0.53nm layer line repeat, and approx. 2:1 ratio of non-twinned layer line spot spacing to layer line repeat distance (0.53nm).

✓= EDS spectrum conforming to laboratory identification criteria observed.

F= Single Fiber (1-3 intersections = 1-3 fibers)
B= Bundle (>3 fibers <1 fiber diameter apart)
C= Cluster (>3 intersections)
M= Matrix
NSD= No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage
at least 20 unfolded or overlapped grid squares
<5% holes or opaque areas

Stopping Rules:
>50 s/G.O. or in 1st 4 G.O.

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	≥ 5um
Chrysotile					
Amphibole					
Ambiguous					
Non-asbestos					
Non-Identified					

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ATC ASSOCIATES INC. – TEM ANALYSIS

Lab Sample No. 59715
Client Spl. No. 3-06
Instrument I.D. EM 10 CRX
Screen Magnification 16,400X
Acc. Voltage 80 kV

LAB GROUP #: 5577 - 09/28/01
Filter Type MCE 25 mm
Filter Area 385 mm^2
Grid I.D. 424 3PR
(GO) Area 0.01124 mm^2
No. GO to be Analyzed 6

Operator WP
Disk No.
Comments
(4.721 Struct. Corspd. to 70 s/mm^2.)

GO. No.	GO. Coord.	Structure No.	Structure Type F	B	C	M	Length ≥0.5 um < 5 um	Length ≥ 5um	I.D. of Structure Chrys.	Amphibole	Nonasb.	N or ✓ Ambig./ND	EDS (Nonasb. Elements)
1	X3	NOD											
2	Q2	11											
3	S2	11											
4	I1	11											
5	P1	11											
6	Q2	11											

3P
3R

Photo No. (from 1 in 5 asbestos-containing samples)

Identify all structures using EDS

Check diffraction for asbestos structures up to 70s/mm (1st 4)

Store all unrepeated spectra

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage
at least 20 unfolded or overlapped grid squares
<5% holes or opaque areas

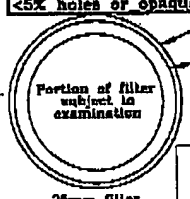
Struct. = ≥ 0.5um & ≥ 5:1 Aspect Ratio

N= Not Observed (EDS spectrum or diffraction pattern)

✓= Positive diffraction pattern properties conforming to laboratory identification criteria observed.
For chrysotile: 0.73nm spacing for (020) reflections, 0.53nm spacing for the layer line repeat, streaking of (110) and (130) reflections.
For amphiboles: 0.53nm layer line repeat, and approx. 3.5 ratio of non-twinned layer line spat spacing to layer line repeat distance (0.53nm).

✓= EDS spectrum conforming to laboratory identification criteria observed.

F= Single Fiber (1-3 intersections = 1-3 fibers)
B= Bundle (>3 fibers <1 fiber diameter apart)
C= Cluster (>3 intersections)
M= Matrix
NSD= No Structures Detected



Stopping Rules:
>50 s/G.O. or in 1st 4 G.O.

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	≥ 5um
Chrysotile					
Amphibole					
Ambiguous					
Non-asbestos					
Non-Identified					

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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

ATC ASSOCIATES INC.

Page ____ of ____

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other ____

PROJECT INFORMATION 5577 3/6 59710-59715

1. Client:	2. Project Name	3. Project #	4. Project Monitor:	4c. Rotameter Number:
9 Murray St	9 Murray St NY NY	[illegible]	[illegible]	SD-132
	2a. Project Address	3a. Task #	4a. Air Sampler:	

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacturer: Lot #:	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer: MAT Lot #: 08/307/617	9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☒ Ambient h. ☐ Other
9/28/01	3 FL			

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hrs clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (L/min.) 14a. Start	14b. End	14b. Avg	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/cc F/mm2.
3-01				Field Blank									
				Field Blank									
				3FL									
3-02		U		West side	1218	1426	130	10	10	10	1300		< 14.8
				3FL									
3-03		U		East side	1219	1429	130	10	10	10	1300		< 14.8
				3FL									
3-04		V		North side	1220	1430	130	10	10	10	1300		< 14.8
				3FL									
3-05		V		South side	1222	1431	130	10	10	10	1300		< 14.8
				3FL									
3-06		V		Caisson	1225	1435	130	10	10	10	1300		< 14.8

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I [illegible]			
II	RRy	9.28.01	21:00
III			

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name: ATC-TEM	23. Date:	24. Time:
a. Analyzed By: RRy	9.30.01	10:40
b. QC By:		
c. Lab Batch #:		

25. Microscope Make/Serial #:
☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

Analysis Methodology
PCM - NIOSH 7400A
TEM - AHERA

26. ATC Project Manager:	27. Result To:	28. Comments:
David Chiang	David Chiang	
	Beeper/Phone #'s	

YELLOW - Client/Report PINK - Lab GOLDENROD - Field

NY-1 (1/01)