

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280

Fax: (212) 353-8306



Attn: Fred Burkhardt

ATC Associates Inc.

104 East 25th Street

New York

NY 10010

Fax: (212) 353-3599

Phone: (212) 353-8280

Project: DEP Clean-up Project #: 22906-0002

125 Cedar Street, New York, NY

Received: 9/16/02

8:00:00 AM

ATC Group #: 8841

Analysis Date: 9/18/02

**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		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm ²)	(S/cc)	
04 8841 -1	2430.00			Not Analyzed						Overloaded with particulates
05 8841 -2	2420.00	0.0450	0	None Detected	0	0	0.0035	<22.24	<0.0035	
06 8841 -3	2410.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
07 8841 -4	2420.00	0.0450	0	None Detected	0	0	0.0035	<22.24	<0.0035	
08 8841 -5	2420.00	0.0450	0	None Detected	0	0	0.0035	<22.24	<0.0035	
09 8841 -6	2400.00			Not Analyzed						Overloaded with particulates
10 8841 -7	2400.00	0.0450	0	CHRYSTOLE	2	0	0.0036	44.48	0.0071	

ROMAN PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

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Accredited for NVLAP PLW/TEM #101187-0, NY State ELAP #10879

Page 1 of 3

CONFIDENTIAL,

CITY_21MC100_003446438

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

Attn: Fred Burkhardt
 ATC Associates Inc.
 104 East 25th Street
 New York

NY 10010

Fax: (212) 353-3599

Phone: (212) 353-8280

Project: DEP Clean-up Project #: 22906-0002

125 Cedar Street, New York, NY

Received: 9/16/02 8:00:00 AM

ATC Group #: 8841

Analysis Date: 9/18/02

**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		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm ²)	(S/cc)	
11 8841 -8	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
12 8841 -9	2400.00	0.0450	0	CHRYSTILE	1	1	0.0036	44.48	0.0071	
13 8841 -10	2410.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
14 8841 -11	2410.00	0.0450	0	CHRYSTILE	3	0	0.0036	66.73	0.0107	
15 8841 -12	2420.00	0.0450	0	None Detected	0	0	0.0035	<22.24	<0.0035	
16 8841 -13	2420.00	0.0450	0	None Detected	0	0	0.0035	<22.24	<0.0035	
17 8841 -14	2430.00	0.0450	0	CHRYSTILE	1	0	0.0035	22.24	0.0035	
18 8841 -15	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
19 8841 -16	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	

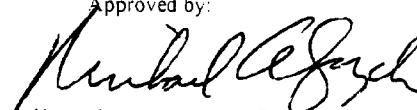
ROMAN PEYSAKHOV

Analyzed by



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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Accredited for NVLAP PLWTEM #101187-0, NY State ELAP #10879

Page 2 of 3

CONFIDENTIAL,

CITY_21MC100_003446439

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

Attn: Fred Burkhardt
 ATC Associates Inc.
 104 East 25th Street
 New York

NY 10010

Fax: (212) 353-3599

Phone: (212) 353-8280

Project: DEP Clean-up Project #: 22906-0002
 125 Cedar Street, New York, NY

Received: 9/16/02 8:00:00 AM
 ATC Group #: 8841
 Analysis Date: 9/18/02

**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		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5 µ	5µ		(S/mm ²)	(S/cc)	
20 8841 -17	2390.00	0.0450	0	CHRYSTILE	1	0	0.0036	22.24	0.0036	
21 8841 -18	2390.00	0.0450	0	CHRYSTILE	1	1	0.0036	44.48	0.0072	
22 8841 -19	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
23 8841 -20	2410.00	0.0450	0	CHRYSTILE	2	0	0.0036	44.48	0.0071	
24 8841 -21	2000.00	0.0450	0	None Detected	0	0	0.0043	<22.24	<0.0043	
25 8841 -22	2000.00	0.0450	0	None Detected	0	0	0.0043	<22.24	<0.0043	
26 8841 -23	2000.00			Not Analyzed						Overloaded with particulates
27 8841 -24	2000.00	0.0450	0	CHRYSTILE	1	0	0.0043	22.24	0.0043	
28 8841 -25	1990.00	0.0450	0	CHRYSTILE	0	1	0.0043	22.24	0.0043	

ROMAN PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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Accredited for NVLAP PLWTEM #101187-0, NY State ELAP #10879



AIR MONITORING DATA AND

CHAIN OF CUSTODY FORM

Page 1 of 3

TURNAROUND TIME

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

PROJECT INFORMATION

1. Client: **DEP** 2. Project Name: **DEP Clean-up** 3. Project #: **15-22906-0002** 4. Project Monitor: _____ 4c. Rotameter Number: **SD-90**

2a. Project Address: **125 Cedar St NY** 3a. Task #: **00002** 4a. Air Sampler: **E. Lemanovich**

5. Date: **09.15.02** 6. Abatement Location: **All apartments** 7. ☐ PCM (0.8 micron MCE) 8. ☒ TEM (0.45 micron MCE) 9. Type: _____ c. ☐ Abatement f. ☐ Environmental

Cassette/Filter Manufacture _____ Cassette/Filter Manufacture _____ a. ☐ Background d. ☐ Post-Abate g. ☐ Ambient

Lot # _____ Lot # **916** b. ☐ Pre-Abate e. ☐ OSHA h. ☒ Other **cleaning**

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location	13. Time (24 hrs clock)	14. Flow Rate (L/min.)	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
		12a. IWA 12b. OWA 12c. Sample Coordinates	13a. Start 13b. End 13c. Total	14a. Start 14b. End 14b. Avg			
01		Field Blank					
02		Field Blank					
03		Field Blank					
04		3 Floor Apartment North	6:18 10:21 243	10 10 10	2430		
05		--- South	6:22 10:24 242	10 10 10	2420		
06		4 --- North	6:27 10:28 241	10 10 10	2410		
07		5 --- North	6:30 10:32 242	10 10 10	2420		
08		5 --- South	6:33 10:35 242	10 10 10	2420		
09		6 --- South	6:37 10:37 240	10 10 10	2400		
10		7 --- North	6:41 10:41 240	10 10 10	2400		
11		3 --- North	10:21 1421 240	10 10 10	2400		
12		3 --- South	10:24 1424 240	10 10 10	2400		
13		4 --- North	10:28 1429 241	10 10 10	2410		
14		5 --- North	10:32 1433 241	10 10 10	2410		

CHAIN OF CUSTODY

18. Relinquished By: **E. Lemanovich** 19. Received By: **JP** 20. Date: **9.15.02** 21. Time: _____

II 26. ATC Project Manager: **F. Burkhardt** 27. Result To: **F. Burkhardt**

III Beeper/Phone #'s _____

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

22. Lab Name: **ATC-DEP** 23. Date: **9/15/02** 24. Time: **11:00**

a. Analyzed By: **R. King** 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

28. Comments: _____

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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AIR MONITORING ATA AND CHAIN OF CUSTODY FORM

Page 2

TURNAROUND TIME

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

PROJECT INFORMATION

1. Client: DEP 2. Project Name: DEP Clean-up 3. Project #: 15-22506-0002 4. Project Monitor: _____
 2a. Project Address: 125 Cedar St. NY 3a. Task #: 00002 4a. Air Sampler: E. Lemanski 4c. Rotameter Number: 30-90
 5. Date: 09/15/02 6. Abatement Location: All apartments 7. ☐ PCM (0.8 micron MCE) 8. ☒ TEM (0.45 micron MCE)
 Cassette/Filter Manufacture _____ Cassette/Filter Manufacture _____
 Lot # _____ Lot # 916
 9. Type: c. ☐ Abatement f. ☐ Environmental
 a. ☐ Background d. ☐ Post-Abate g. ☐ Ambient
 b. ☐ Pre-Abate e. ☐ OSHA h. ☒ Other Cleaning

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location	13. Time (24 hrs clock)	14. Flow Rate (L/min.)	15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
		12a. IWA 12b. OWA 12c. Sample Coordinates	13a. Start 13b. End 13c. Total	14a. Start 14b. End 14b. Avg			
		Field Blank					
		Field Blank					
15		✓ 5 Floor Apartment South	10:35 1437 242	10 10 10	2420		
16		✓ 6 -- -- South	10:37 1439 242	10 10 10	2420		
17		✓ 7 -- -- North	10:41 1444 243	10 10 10	2430		
18		Penthouse	1450 1850 240	10 10 10	2400		
19		12FL 1-1-1 South	1454 1854 240	10 10 10	2400		
20		11FL 1-1-1 South	1500 1859 239	10 10 10	2390		
21		10FL 1-1-1 North	1504 1903 239	10 10 10	2390		
22		9FL 1-1-1 South	1509 1909 240	10 10 10	2400		
23		9FL 1-1-1 North	1512 1913 241	10 10 10	2410		
24		8FL 1-1-1 North	1920 2240 200	10 10 10	2000		
25		8FL 1-1-1 South	1924 2244 200	10 10 10	2000		
26		7FL 1-1-1 North	1930 2231 201	10 10 10	2000		

CHAIN OF CUSTODY

18. Relinquished By: E. Lemanski 19. Received By: FD 20. Date: 9/15/02 21. Time: _____
 II III 9/16/02 8am
 26. ATC Project Manager: F. Burkhardt 27. Result To: F. Burkhardt
 Beeper/Phone #'s _____

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

22. Lab Name: ATC-TEM 23. Date: 9/16/02 24. Time: 11:00
 a. Analyzed By: R. Kelly
 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
 28. Comments: _____

WHITE - File

YELLOW - Client/Report

PINK - Lab

GOLDENROD - Field

NY-1 (1/01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003446442



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 3

TURNAROUND TIME

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

PROJECT INFORMATION

1. Client: DEP		2. Project Name: 8841 DEP clean up		3. Project #: 22906-02		4. Project Monitor:		4c. Rotameter Number:	
		2a. Project Address:		3a. Task #: 02		4a. Air Sampler: Time Analysis by		SD-003	
5. Date: 9.15.02		6. Abatement Location: Entire		7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacture: X Lot #:		8. ☒ TEM (0.45 micron MCE) Cassette/Filter Manufacture: MAI Lot #:		9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☒ Other Clean up	

DAILY AIR SAMPLE RECORD

10. Sample I.D. Number	11. Pump Number	12. Sample Location			13. Time (24 hrs clock)			14. Flow Rate (L/min.)			15. Total Air Vol. (liters)	16. # Fibers/Fields Minus Blank	17. Fiber Conc. F/CC
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14b. Avg			
				Field Blank									
				Field Blank									
27				7 PL 1 -> South	1934	2254	200	10	10	10	2000		
28				6 PL 1 -> North.	1938	2257	199	10	10	10	1990		

CHAIN OF CUSTODY

18. Relinquished By: IV		19. Received By: JP		20. Date: 9/16/02	21. Time: 8:00
II					
III					
26. ATC Project Manager: F. Burkhardt		27. Result To: F. Burkhardt Beeper/Phone #'s: _____			

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

22. Lab Name: ATC - TEM		23. Date: 9/18/02		24. Time: 11:00	
a. Analyzed By: R. King					
b. QC By:					
c. Lab Batch #:					
28. Comments:					
25. Microscope Make/Serial #: ☐ 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)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003446443