

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: 9/15/02

7:00:00 AM

ATC Group #: 8838

Analysis Date: 9/16/02

**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	Asbestos Concentration		Notes
					0.5µ-5	5µ	(S/cc)	(S/mm ²)	(S/cc)	
04 8838 -1	2130.00	0.0450	0	CHRYSTILE	0	1	0.0040	22.24	0.0040	
05 8838 -2	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
06 8838 -3	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
07 8838 -4	2400.00	0.0450	0	CHRYSTILE	1	0	0.0036	22.24	0.0036	
08 8838 -5	2400.00			Not Analyzed						Overloaded with particulates
09 8838 -6	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
10 8838 -7	2400.00			Not Analyzed						Overloaded with particulates

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 #10879

Page 1 of 4

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CITY_21MC100_003446458

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

Attn: Fred Burkhardt
ATC Associates Inc.
104 East 25th Street
New York NY 10010

Received: 9/15/02 7:00:00 AM
ATC Group #: 8838
Analysis Date: 9/16/02

Fax: (212) 353-3599 Phone: (212) 353-8280

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

**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 ²)	(S/cc)	Notes
11 8838 -8	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036
12 8838 -9	2400.00	0.0450	0	CHRYSTILE	2	0	0.0036	44.48	0.0071
13 8838 -10	2400.00			Not Analyzed					Overloaded with particulates
14 8838 -11	2410.00			Not Analyzed					Overloaded with particulates
15 8838 -12	2400.00	0.0450	0	CHRYSTILE	1	0	0.0036	22.24	0.0036
16 8838 -13	2400.00			Not Analyzed					Overloaded with particulates
17 8838 -14	2410.00	0.0450	0	CHRYSTILE	1	0	0.0036	22.24	0.0036
18 8838 -15	2420.00	0.0450	0	None Detected	0	0	0.0035	<22.24	<0.0035
19 8838 -16	2420.00			Not Analyzed					Overloaded with particulate

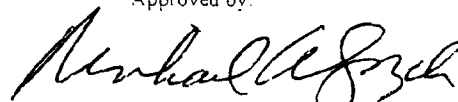
ROMAN PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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

Attn: Fred Burkhardt
ATC Associates Inc
104 East 25th Street
New York NY 10010

Received: 9/15/02 7:00:00 AM
ATC Group #: 8838
Analysis Date: 9/16/02

Fax: (212) 353-3599 Phone: (212) 353-8280

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

**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)	
29 8838 -26	1190.00	0.0674	0	None Detected	0	0	0.0048	<14.83	<0.0048	

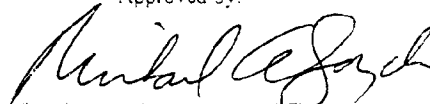
ROMAN PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D

Approved by:



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



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: **DEP** 2. Project Name: **DEP Clean-up** 3. Project #: **15-22906-00002** 4. Project Monitor: **E. Lemanovich** 4c. Rotameter Number: **SD-90**

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

5. Date: **09.14.02** 6. Abatement Location: **All apartments** 7. ☐ PCM (0.8 micron MCE) 8. ☒ TEM (0.45 micron MCE) 9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☒ Other **Cleaning**

Cassette/Filter Manufacture _____ Lot # _____ Cassette/Filter Manufacture _____ Lot # **916**

DAILY AIR SAMPLE RECORD

0. 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	14c. Avg		
01				Field Blank								
02				Field Blank								
03				Field Blank								
04		✓		2 nd Floor Apartment North	06:20	09:53	213	10	10	10	2130	
05		✓		3 rd --- Apartment North	06:25	10:25	240	10	10	10	2400	
06		✓		3 rd --- Apartment South	06:30	10:30	240	10	10	10	2400	
07		✓		4 --- Apartment South	06:34	10:34	244	10	10	10	2440	
08		✓		4 --- Apartment North	06:37	10:37	240	10	10	10	2400	
09		✓		5 th --- Apartment North	06:41	10:41	240	10	10	10	2400	
10		✓		5 th --- Apartment South	06:45	10:45	240	10	10	10	2400	
11		✓		3 rd --- Apartment North	10:25	14:25	240	10	10	10	2400	
12		✓		3 rd --- Apartment South	10:30	14:30	240	10	10	10	2400	
13		✓		4 --- Apartment North	10:37	14:37	240	10	10	10	2400	
14		✓		5 th --- Apartment North	10:41	14:41	241	10	10	10	2410	

CHAIN OF CUSTODY

8. Relinquished By: **E. Lemanovich** 19. Received By: **R/Ruy** 20. Date: **9/15/02** 21. Time: **7:00**

I _____ II _____

6. 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: **10:30**

a. Analyzed By: **R/Ruy** b. QC By: _____ c. Lab Batch #: _____

25. Microscope Make/Serial #: ☐ 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)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003446461



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

Client: DEP 2. Project Name: DEP clean-up 3. Project #: 22906-02 4. Project Monitor: _____ 4c. Rotameter Number: 50-005

5a. Project Address: 125 Cedar St NY NY 5a. Task #: 02 4a. Air Sampler: Tim Amstutz

5. Date: 9.14.02 6. Abatement Location: Entire 7. ☐ PCM (0.8 micron MCE) 8. ☐ TEM (0.45 micron MCE) 9. Type: c. ☐ Abatement f. ☐ Environmental

Cassette/Filter Manufacture: X Cassette/Filter Manufacture: MMI a. ☐ Background d. ☐ Post-Abate g. ☐ Ambient

Lot #: _____ Lot #: _____ b. ☐ Pre-Abate e. ☐ OSHA h. ☒ Other clean up

DAILY AIR SAMPLE RECORD

0. 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 FL Apartment South	1045	1445	240	10	10	10	2400	
16		✓		6 FL 11 North	1235	1635	240	10	10	10	2400	
17		✓		9 FL 11 North	1242	1643	241	10	10	10	2410	
18		✓		10 FL 01 North	1246	1648	242	10	10	10	2420	
19		✓		11 FL 11 South	1249	1651	242	10	10	10	2420	
20		✓		6 FL 11 North	1638	2038	240	10	10	10	2400	
21		✓		7 FL 11 North	1640	2040	240	10	10	10	2400	
22		✓		11 FL 11 South	1651	2049	238	10	10	10	2380	
23		✓		12 FL 11 South	1655	2054	239	10	10	10	2390	
24		✓		Penthouse	1700	2058	238	10	10	10	2380	
25		✓		6 FL 11 North	2038	2238	120	10	10	10	1200	
26		✓		7 FL 11 North	2040	2240	120	10	10	10	1200	

CHAIN OF CUSTODY

8. Relinquished By: _____ 19. Received By: R. Ray 20. Date: 9/15/02 21. Time: 7:00

I _____ II _____

6. 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: 10:30

a. Analyzed By: R. Ray 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_003446462



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

Client: DEP 2. Project Name: DEP Clean-up 3. Project #: 22906-02 4. Project Monitor: _____ 4c. Rotameter Number: _____

2a. Project Address: 125 Cadogan St NY NY 3a. Task #: 02 4a. Air Sampler: Time Analysis/9/15/02 5D-003

5. Date: 9.14.02 6. Abatement Location: Entire 7. ☐ PCM (0.8 micron MCE) 8. ☐ TEM (0.45 micron MCE) 9. Type: _____ c. ☐ Abatement f. ☐ Environmental

Cassette/Filter Manufacture: X Cassette/Filter Manufacture: APM a. ☐ Background d. ☐ Post-Abate g. ☒ Ambient

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

DAILY AIR SAMPLE RECORD

0. 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				11 PL South	2049	2248	119	10	10	10	1190	
28				12 PL South	2054	2253	119	10	10	10	1190	
29				Penthouse	2057	2256	119	10	10	10	1190	

CHAIN OF CUSTODY

8. Relinquished By: [Signature] 19. Received By: R. Ruy 20. Date: 9/15/02 21. Time: 7:00

I _____

II _____

6. ATC Project Manager:

27. Result To: F. Burkhardt 28. Comments: _____

Beeper/Phone #'s: _____

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

22. Lab Name: ATC-TEM 23. Date: 9/16/02 24. Time: 10:30

a. Analyzed By: [Signature] 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

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_003446463