NYC 9/11 Public Portal Document

ATC Associates

104 East 25 Street, New York, NY 10010

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

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

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

Received: 9/17/02 4:00:00 PM
ATC Group #: 8852
Analysis Date: 9/19/02

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*	*5μ*	*Analytical Sensitivity (S/cc)*	*Asbestos Concentration (S/mm²)*	*(S/cc)*	*Notes*
04 *8852 -1*	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
05 *8852 -2*	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
06 *8852 -3*	2357.50	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
07 *8852 -4*	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
08 *8852 -5*	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
09 *8852 -6*	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
10 *8852 -7*	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	

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 reports 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 PLM/TEM #101187-0, NY State ELAP #10879

CONFIDENTIAL, CITY_21MC100_003446597

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000177511

NYC 9/11 Public Portal Document

Attn: Fred Burkhardt
ATC Associates Inc.
104 East 25th Street
New York NY 10010
Fax: (212) 353-3599 Phone: (212) 353-8280

Received: 9/17/02 4:00:00 PM
ATC Group #: 8852
Analysis Date: 9/19/02

Project: DEP Cleaan-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	# Structures 5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
11 8852 -8	2242.50	0.0450	0	None Detected	0	0	0.0038	<22.24	<0.0038	
12 8852 -9	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
13 8852 -10	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
14 8852 -11	2300.00	0.0450	0	None Detected	0	0	0.0037	<22.24	<0.0037	
15 8852 -12	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
16 8852 -13	2400.00	0.0450	0	CHRYSOTILE	1	1	0.0036	44.48	0.0071	
17 8852 -14	2500.00	0.0450	0	None Detected	0	0	0.0034	<22.24	<0.0034	
18 8852 -15	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
19 8852 -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 PLM/TEM #101187-0, NY State ELAP #10879

CONFIDENTIAL, CITY_21MC100_003446598

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000177512

NYC 9/11 Public Portal Document

Attn: Fred Burkhardt
ATC Associates Inc.
104 East 25th Street
New York NY 10010
Fax: (212) 353-3599 Phone: (212) 353-8280

Received: 9/17/02 4:00:00 PM
ATC Group #: 8852
Analysis Date: 9/19/02

Project: DEP Cleaan-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	# Structures 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm²)	Asbestos Concentration (S/cc)	Notes
20 8852 -17	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
21 8852 -18	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
22 8852 -19	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
23 8852 -20	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
24 8852 -21	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	
25 8852 -22	2400.00	0.0450	0	None Detected	0	0	0.0036	<22.24	<0.0036	

ROMAN PEYSAKHOV
Analyzed by: RRM

MICHAEL A. GORYCKI, Ph.D.
Approved by:

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

CONFIDENTIAL, CITY_21MC100_003446599

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000177513

NYC 9/11 Public Portal Document

AIR MONITORIN[illegible] ATA AND CHAIN OF CUSTODY FORM

Page 1 of 2

TURNAROUND TIME
☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 12 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other

PROJECT INFORMATION

1. Client:	2. Project Name:	3. Project #:	4. Project Monitor:	4c. Rotameter Number:
DEP	DEP clean-up	15-22906-0002		SD-006
	2a. Project Address: 125 Cedar St. NY	3a. Task #: 00002	4a. Air Sampler: E. Lemanovich	

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE)	8. ☑ TEM (0.45 micron MCE)	9. Type:	
09.17.02	Around building	Cassette Filter Manufacture: ____ Lot #: ____	Cassette Filter Manufacture: ____ Lot #: 916	a. ☐ Background b. ☐ Pre-Abate	c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☐ Environmental g. ☐ Ambient h. ☑ Other Cleanup

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
01				Field Blank									
02				Field Blank									
03				Field Blank									
04			V	In front of building	6:20	10:10	230	10	10	10	2300		
05			V	— " —	6:21	10:11	230	10	10	10	2300		
06			V	— " —	6:22	10:12	230	10	10.5	10.25	2357.5		
07			V	— " —	6:23	10:13	230	10	10	10	2300		
08			V	In back of building	6:30	10:20	230	10	10	10	2300		
09			V	— " —	6:31	10:21	230	10	10	10	2300		
10			V	— " —	6:32	10:22	230	10	10	10	2300		
11			V	— " —	6:33	10:23	230	10	9.5	9.75	2242.5		
12			V	— " —	6:34	10:24	230	10	10	10	2300		
13			V	Clean room of decon	6:39	10:29	230	10	10	10	2300		
14		V		Room # 2 North	6:40	10:30	230	10	10	10	2300		

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I E. Lemanovich		9.17.2	
II	TR	9/17/02	16:00
III			

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

22. Lab Name: ATC-JFK	23. Date:	24. Time:
a. Analyzed By: [illegible]	9/19/02	15:00
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:
F. Burkhardt	Beeper/Phone #'s:	

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

NY 1 (1.01)

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,
CITY_21MC100_003446600

NYC-WTC_000177514

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

$9952

Page 2 of 2

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:
DEP	DEP Clean-up	15-22906-0002		SD-006
	2a. Project Address: 125 Cedar St NY	3a. Task # 00002	4a. Air Sampler: E. Lemanovich	

5. Date:	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE)	8. ☑ TEM (0.45 micron MCE)	9. Type:
09 17 02	Around building	Cassette/Filter Manufacture: Lot #:	Cassette/Filter Manufacture: Lot # 916	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
				Field Blank									
				Field Blank									
15			V	In front of building	10:10	14:10	240	10	10	10	2400		
16			V	— " —	10:11	14:11	240	10	10	10	2400		
17			V	— " —	10:12	14:12	240	10	10.5	10.25	2500		
18			V	— " —	10:13	14:13	240	10	10	10	2400		
19			V	In back of building	10:20	14:20	240	10	10	10	2400		
20			V	— " —	10:21	14:21	240	10	10	10	2400		
21			V	— " —	10:22	14:22	240	10	10	10	2400		
22			V	— " —	10:23	14:23	240	10	10	10	2400		
23			V	— " —	10:24	14:24	240	10	10	10	2400		
24			V	Clean room of decon	10:29	14:29	240	10	10	10	2400		
25		V		Room # 2 North	10:30	14:30	240	10	10	10	2400		

CHAIN OF CUSTODY

18. Relinquished By:	19. Received By:	20. Date:	21. Time:
I E Lemanovich		9.17.2	
II	TZ	9/17/02	16:00
III			

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

22. Lab Name: ATC-TEM	23. Date:	24. Time:
a. Analyzed By: R Riley	9/19/02	15:00
b. QC By:		
c. Lab Batch #:		

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

26. ATC Project Manager: F. Burkhardt

27. Result to.
Beeper/Phone #'s

28. Comments:

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_00344660

NYC-WTC_000177515