

**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

Received: 9/16/02 4:30:00 PM

ATC Group #: 8844

Analysis Date: 9/18/02

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<br>Analyzed | Non<br>Asb | Asbestos<br>Type(s) | # Structures<br>0.5µ-5 µ | Analytical<br>Sensitivity<br>(S/cc) | Asbestos<br>Concentration<br>(S/mm <sup>2</sup> ) | (S/cc) | Notes   |
|---------------|---------|------------------|------------|---------------------|--------------------------|-------------------------------------|---------------------------------------------------|--------|---------|
| 04<br>8844 -1 | 2400.00 | 0.0450           | 0          | None Detected       | 0                        | 0                                   | 0.0036                                            | <22.24 | <0.0036 |
| 05<br>8844 -2 | 2400.00 | 0.0450           | 0          | None Detected       | 0                        | 0                                   | 0.0036                                            | <22.24 | <0.0036 |
| 06<br>8844 -3 | 2500.00 | 0.0450           | 0          | None Detected       | 0                        | 0                                   | 0.0034                                            | <22.24 | <0.0034 |
| 07<br>8844 -4 | 2400.00 | 0.0450           | 0          | None Detected       | 0                        | 0                                   | 0.0036                                            | <22.24 | <0.0036 |
| 08<br>8844 -5 | 2400.00 | 0.0450           | 0          | None Detected       | 0                        | 0                                   | 0.0036                                            | <22.24 | <0.0036 |
| 09<br>8844 -6 | 2400.00 | 0.0450           | 0          | None Detected       | 0                        | 0                                   | 0.0036                                            | <22.24 | <0.0036 |
| 10<br>8844 -7 | 2400.00 | 0.0450           | 0          | None Detected       | 0                        | 0                                   | 0.0036                                            | <22.24 | <0.0036 |

MARK 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

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CITY\_21MC100\_003446465

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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

Received: 9/16/02 4:30:00 PM  
ATC Group #: 8844  
Analysis Date: 9/18/02

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<br>Analyzed | Non<br>Asb | Asbestos<br>Type(s) | # Structures |    | Analytical<br>Sensitivity<br>(S/cc) | Asbestos<br>Concentration |         | Notes |
|----------------|---------|------------------|------------|---------------------|--------------|----|-------------------------------------|---------------------------|---------|-------|
|                |         |                  |            |                     | 0.5µ-5       | 5µ |                                     | (S/mm²)                   | (S/cc)  |       |
| 11<br>8844 -8  | 2400.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |
| 12<br>8844 -9  | 2400.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |
| 13<br>8844 -10 | 2400.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |
| 14<br>8844 -11 | 2300.00 | 0.0450           | 0          | CHRYSTILE           | 1            | 1  | 0.0037                              | 44.48                     | 0.0074  |       |
| 15<br>8844 -12 | 2400.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |
| 16<br>8844 -13 | 2390.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |
| 17<br>8844 -14 | 2390.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |
| 18<br>8844 -15 | 2380.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |
| 19<br>8844 -16 | 2370.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |

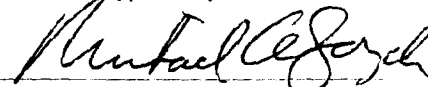
MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY\_21MC100\_003446466

NYC-WTC\_000177492

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

4:30:00 PM

ATC Group #: 8844

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<br>Analyzed | Non<br>Asb | Asbestos<br>Type(s) | # Structures |    | Analytical<br>Sensitivity<br>(S/cc) | Asbestos<br>Concentration |         | Notes |
|----------------|---------|------------------|------------|---------------------|--------------|----|-------------------------------------|---------------------------|---------|-------|
|                |         |                  |            |                     | 0.5µ-5       | 5µ |                                     | (S/mm <sup>2</sup> )      | (S/cc)  |       |
| 20<br>8844 -17 | 2370.00 | 0.0450           | 0          | CHRYSTILE           | 1            | 1  | 0.0036                              | 44.48                     | 0.0072  |       |
| 21<br>8844 -18 | 2360.00 | 0.0450           | 0          | None Detected       | 0            | 0  | 0.0036                              | <22.24                    | <0.0036 |       |

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Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008



# AIR MONITORING DATA AND

## CHAIN OF CUSTODY FORM

Page 1 of 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 #: 15-22806-0002      4. Project Monitor: \_\_\_\_\_  
 2a. Project Address: 125 Cedar St NY      3a. Task #: 00002      4a. Air Sampler: E. Lemanovich      4c. Rotameter Number: SD-006  
 5. Date: 9.16.02      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 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                    |                                 |                      |
| 01                     |                 |                     |          | Field Blank             |            |          |                        |            |          |                             |                                 |                      |
| 02                     |                 |                     |          | Field Blank             |            |          |                        |            |          |                             |                                 |                      |
| 03                     |                 |                     |          | Field Blank             |            |          |                        |            |          |                             |                                 |                      |
| 04                     |                 | ✓                   |          | 3 Floor Apartment North | 6:20       | 10:20    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 05                     |                 | ✓                   |          | 3 South                 | 6:21       | 10:21    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 06                     |                 | ✓                   |          | 4 North                 | 6:23       | 10:23    | 240                    | 10         | 10.5     | 10.25                       | 2500                            |                      |
| 07                     |                 | ✓                   |          | 5 North                 | 6:25       | 10:25    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 08                     |                 | ✓                   |          | 5 South                 | 6:26       | 10:26    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 09                     |                 | ✓                   |          | 6 South                 | 6:28       | 10:28    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 10                     |                 | ✓                   |          | 9 South                 | 6:30       | 10:30    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 11                     |                 | ✓                   |          | 12 South                | 6:32       | 10:32    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 12                     |                 | ✓                   |          | North                   | 6:34       | 10:34    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 13                     |                 | ✓                   |          | North                   | 10:20      | 14:20    | 240                    | 10         | 10       | 10                          | 2400                            |                      |
| 14                     |                 | ✓                   |          | South                   | 10:21      | 14:21    | 240                    | 10         | 9.5      | 9.75                        | 2300                            |                      |

### CHAIN OF CUSTODY

18. Relinquished By: E. Lemanovich      19. Received By: JB      20. Date: 9/16/02      21. Time: 16:30  
 II  
 III

26. ATC Project Manager:

F. Burkhardt

27. Result To: \_\_\_\_\_

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

22. Lab Name: DEP      23. Date: 9/18/02      24. Time: 12:15  
 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

28. Comments: \_\_\_\_\_

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 SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY\_21MC100\_003446468



# AIR MONITORING ATA AND CHAIN OF CUSTODY FORM

Page 2 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 #: 15-22906-0002      4. Project Monitor: \_\_\_\_\_      4c. Rotameter Number: SD - 006

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

5. Date: 9.16.02      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 |                             |                                 |                      |
|                        |                 |                     |          | Field Blank             |                         |          |            |                        |          |          |                             |                                 |                      |
|                        |                 |                     |          | Field Blank             |                         |          |            |                        |          |          |                             |                                 |                      |
| 15                     |                 | ✓                   |          | 4 Floor Apartment North | 10:23                   | 14:23    | 240        | 10                     | 10       | 10       | 2400                        |                                 |                      |
| 16                     |                 | ✓                   |          | 5 North                 | 10:25                   | 14:24    | 239        | 10                     | 10       | 10       | 2390                        |                                 |                      |
| 17                     |                 | ✓                   |          | 5 South                 | 10:26                   | 14:25    | 239        | 10                     | 10       | 10       | 2390                        |                                 |                      |
| 18                     |                 | ✓                   |          | 6 South                 | 10:28                   | 14:26    | 238        | 10                     | 10       | 10       | 2380                        |                                 |                      |
| 19                     |                 | ✓                   |          | 5 South                 | 10:30                   | 14:27    | 237        | 10                     | 10       | 10       | 2370                        |                                 |                      |
| 20                     |                 | ✓                   |          | 12 South                | 10:32                   | 14:29    | 237        | 10                     | 10       | 10       | 2370                        |                                 |                      |
| 21                     |                 | ✓                   |          | 13 North                | 10:34                   | 14:30    | 236        | 10                     | 10       | 10       | 2360                        |                                 |                      |
|                        |                 |                     |          |                         |                         |          |            |                        |          |          |                             |                                 |                      |
|                        |                 |                     |          |                         |                         |          |            |                        |          |          |                             |                                 |                      |
|                        |                 |                     |          |                         |                         |          |            |                        |          |          |                             |                                 |                      |
|                        |                 |                     |          |                         |                         |          |            |                        |          |          |                             |                                 |                      |
|                        |                 |                     |          |                         |                         |          |            |                        |          |          |                             |                                 |                      |
|                        |                 |                     |          |                         |                         |          |            |                        |          |          |                             |                                 |                      |
|                        |                 |                     |          |                         |                         |          |            |                        |          |          |                             |                                 |                      |

## CHAIN OF CUSTODY

18. Relinquished By: I. E. Lemanovich      19. Received By: JD      20. Date: 9.16.02      21. Time: 16:30

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: DEP      23. Date: 9/18/02      24. Time: 12:15      25. Microscope Make/Serial #: \_\_\_\_\_

a. Analyzed By: 1002      b. QC By: \_\_\_\_\_      c. Lab Batch #: \_\_\_\_\_      ☐ 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)

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