

**MURRAY STREET REALTY ASSOCIATION, LTD, L.L.P.**

**c/o Kellogg Properties, Inc.**

**40 West 57<sup>th</sup> 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.  
8<sup>th</sup> Floor  
Corona, New York 11373-5108

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

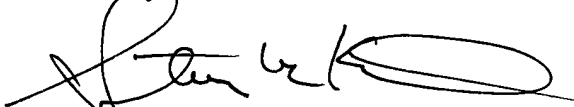
Dear Sir/Madam:

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,

A handwritten signature in black ink, appearing to read 'Steven M. Kiel', with a large, stylized flourish at the end.

Steven M. Kiel  
SMK:jr

Enc.

Nov-29-93, 08:45P

P.04



[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 Pointing*

Gerald Pointing  
President

[REDACTED]

[REDACTED] Tel (516) 327-5400 Fax (516) 327-6054

**PII**

OCT-18-01 10:34 AM

P. 01



OF LOWER & MIDTOWN MANHATTAN

PRO RESTORATION, INC.  
244 MADISON AVENUE, SUITE 13B  
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

OCT-18-01 10:34 AM

P.02

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      |            |       |
| LOSS DATE: | 9/11/01            |            |       |
| CLAIM#     | :NONE              |            |       |
| LOSS TYPE: | SMOKE/SOOT         |            |       |
| VERSION    | :CLEANING          |            |       |

=====

*fax final  
Bill*

EMERGENCY CLEANING

CLEAN ALL

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

E CLEANING  
INDOWS AND

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 THRU 12

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

OCT-18-01 10:34 AM

P.03

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 THRU 12 | 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
                                   =====
    
```

OCT-18-01 10:35 AM

P.04

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/BOOT
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
                      =====
```

OCT-15-01 03:03 PM

P.01

## 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

|                                                             |                                  |
|-------------------------------------------------------------|----------------------------------|
| <b>SEND TO</b><br>Company name<br><i>Murray St. Reality</i> | <b>From</b><br><i>TONY GIASI</i> |
| Attention                                                   | Date<br><i>10/15/01</i>          |
| Office location                                             | Office location                  |
| Fax number<br><i>212-757-3212</i>                           | Phone number                     |

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

Total pages, including cover: 4

## COMMENTS

*Emergency  
Cleaning  
Estimate*

OCT-15-01 03:03 PM

P. 02

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.REALTY          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 THRU 12 | 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 1 THRU 12      | 1 CHG @ | 3500.00 | 3500.00 |

OCT-15-01 03:04 PM

P.03

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
                      =====
```

OCT-15-01 03:04 PM

P.04

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

|             | <u>STRUCTURE</u> | <u>CONTENTS</u> | <u>TOTAL</u> |
|-------------|------------------|-----------------|--------------|
| 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    |

10-03-201 5:59AM

FROM KEN / JOAN BARBER 718 638+9587

P. 2

OCT-02-01, 10:38 AM

P. 01

## 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 FORT JEFFERSON**  
525 Route 112, Suite 1, Port Jefferson Station, NY 11778  
Phone: (631) 476-5300 / (631) 928-SOOT Fax: (631) 476-5302

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>SEND TO</b>                           |                           |
| Company name<br><i>MURRAY ST. REALTY</i> | From<br><i>TONY GIASI</i> |
| Attention<br><i>KENNETH BARBER</i>       | Date<br><i>10/2/01</i>    |
| Office location                          | Office location           |
| Fax number<br><i>718-638-9587</i>        | Phone number              |

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

Total pages, including cover:

4

## COMMENTS

*Q MURRAY ST.*  
*NEW YORK, N.Y.*

*CLEANING Estimate*

10-03-201 6:00AM

FROM KEN / JOAN BARBER 718 638+9587

P. 1

OCT-02-01 10:38 AM

P.02

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.REALTY          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

10-03-201 6:01AM

FROM KEN / JOAN BARBER 718 638+9587

P.2

001-02-01 10:38 AM

P.03

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             | <u>569.25</u> |             |
| STRUCTURE TOTAL |               | \$ 7,469.25 |

CONTENTS

|                |             |         |
|----------------|-------------|---------|
| GROUP TOTAL    | 0.00        |         |
| TAX            | <u>0.00</u> |         |
| CONTENTS TOTAL |             | \$ 0.00 |

GRAND TOTAL

\$ 7,469.25

10-03-201 6:01AM

FROM KEN / JOAN BARBER 718 638+9587

P. 3

001-02-01 10:39 AM

P. 04

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

|             | <u>STRUCTURE</u> | <u>CONTENTS</u> | <u>TOTAL</u> |
|-------------|------------------|-----------------|--------------|
| 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     |

10/08/2001 10:01 FAX 212 353 8306

ATC

001



104 East 25<sup>th</sup> Street  
10<sup>th</sup> 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 12<sup>th</sup> 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 26<sup>th</sup> through Friday, September 28<sup>th</sup> 2001. All Air samples were analyzed via Phase Contrast Microscopy (PCM) on basement through 12<sup>th</sup> floor & Transmission Electron Microscopy (TEM) for the tenant on 3<sup>rd</sup> floor.

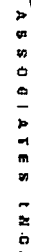
A total of 66 samples were taken throughout the above-mentioned floors via PCM and 5 samples via TEM. All air-sampling results via PCM for the ambient areas were below 0.01 fibers per square centimeter (f/cc), and via TEM on the 3<sup>rd</sup> floor show airborne structure concentrations to be less than 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,

A handwritten signature in black ink, appearing to read 'David T. Chang'.

David T. Chang  
National Account Manager

Page \_\_\_\_\_ of \_\_\_\_\_  
TURNAROUND TIME \_\_\_\_\_

**TURNAROUND TIME**

☐ 2 hrs    ☐ 6 hrs    ☐ 48 hrs    ☐ Standard

☐ 4 hrs    ☐ 24 hrs    ☐ 72 hrs    ☐ Other \_\_\_\_\_

[illegible]

| LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187) |       |           |           |
|------------------------------------------------------|-------|-----------|-----------|
| 22. Lab Name:                                        |       | 23. Date: | 24. Time: |
| a. Analyzed By:                                      | 25005 | 10/16     | 11:15     |
| b. Q3 By:                                            |       |           |           |
| c. Lab Batch #:                                      | 01152 |           |           |

25. Microscope Make/Serial #:

☐ Nikon Labophot 238913

☐ Nikon Labophot 238917

☐ Nikon Labophot 239079

| 28. Comments: | Analysis Methodology               |
|---------------|------------------------------------|
|               | V PCM - NIOSH 7400A<br>TEM - AHERA |

NY-1 (1981)

10/08/2001 10:01 FAX 212 353 8306

ATC

003



# AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of 1

## 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 #

3a. Task #

4a. Air Sampler:

4c. Rotameter Number:

5. Date:

6. Abatement Location:

7. PGM (in person MCE)

8. TEM (in person MCE)

9. Type:

a. ☐ Backgroundc. ☐ Abatementd. ☐ Post-Abatee. ☐ OSHAf. ☐ Other

## DAILY AIR SAMPLE RECORD

| 10. Sample ID. Number | 11. Pump Number | 12. Sample Location | 13a. Start | 13b. End | 13c. Total | 14a. Start | 14b. End | 14c. Avg | 15. Total Air Vol. (liters) | 16. # Fuses/Fields | 17. Filter Conc. FRC |
|-----------------------|-----------------|---------------------|------------|----------|------------|------------|----------|----------|-----------------------------|--------------------|----------------------|
| B-01                  |                 | Field Blank         |            |          |            |            |          |          |                             |                    |                      |
| B-02                  |                 | B-1                 | 1100       | 1400     | 120        | 15         | 15       | 15       | 1800                        | 3100               | <0.003               |
| B-03                  |                 | B-1                 | 1100       | 1403     | 120        | 15         | 15       | 15       | 1800                        | 4100               | <0.003               |
| B-04                  |                 | B-1                 | 1100       | 1407     | 120        | 15         | 15       | 15       | 1800                        | 4100               | <0.003               |

## CHAIN OF CUSTODY

18. Requested By:

19. Received By:

20. Date:

21. Time:

22. Lab Name:

23. Date:

24. Time:

25. Microscopy Methodology

26. ATC Project Manager:

27. Result To:

28. Comments:

26. ATC Project Manager: David Whynne

27. Result To: Beque/Phone #s

28. Comments:

29. Microscopy Methodology

30. V/PCM - NIOSH 7400A

31. TEM - AHERA



### TURNAROUND TIME

☐ 2 hrs      ☐ 6 hrs      ☐ 48 hrs      ☐ Standard  
☐ 4 hrs      ☐ 24 hrs      ☐ 72 hrs      ☐ Other \_\_\_\_\_

46. 1101111111 1111111111

☐ Environmental

☐ Ambient

h. ☐ Other

[illegible]

23. **MILITARY AND NAVAL SERVICE**

☐ Nikon Labphoto 238917☐ Nikon Labophot 239079

✓ BCM - NIOSH 7417A

TEM - AHERA

NY-1 (1001)

NYC-WTC 000097459



# 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**

| PROJECT INFORMATION     |                          |                   |                       |
|-------------------------|--------------------------|-------------------|-----------------------|
| 1. Client:              | 2. Project Name          |                   |                       |
| 3. Client:              | 3. Project #             | 4. Project Month: | 4b. Hoartraff Number: |
| 5. Date:                | 6. Project Address       | 7. Task #         | 8. Air Sampler:       |
| 5b. Abatement Location: | 7a. PCM (in 8 rooms Max) | 8a. Task #        | 8b. Air Sampler:      |
| 5c. Date:               | 7b. PCM (in 8 rooms Max) | 8c. Task #        | 8d. Air Sampler:      |
| 5d. Date:               | 7c. PCM (in 8 rooms Max) | 8e. Task #        | 8f. Air Sampler:      |
| 5e. Date:               | 7d. PCM (in 8 rooms Max) | 8f. Task #        | 8g. Air Sampler:      |
| 5f. Date:               | 7e. PCM (in 8 rooms Max) | 8g. Task #        | 8h. Air Sampler:      |
| 5g. Date:               | 7f. PCM (in 8 rooms Max) | 8h. Task #        | 8i. Air Sampler:      |
| 5h. Date:               | 7g. PCM (in 8 rooms Max) | 8i. Task #        | 8j. Air Sampler:      |
| 5i. Date:               | 7h. PCM (in 8 rooms Max) | 8j. Task #        | 8k. Air Sampler:      |
| 5j. Date:               | 7i. PCM (in 8 rooms Max) | 8k. Task #        | 8l. Air Sampler:      |
| 5k. Date:               | 7j. PCM (in 8 rooms Max) | 8l. Task #        | 8m. Air Sampler:      |
| 5l. Date:               | 7k. PCM (in 8 rooms Max) | 8m. Task #        | 8n. Air Sampler:      |
| 5m. Date:               | 7l. PCM (in 8 rooms Max) | 8n. Task #        | 8o. Air Sampler:      |
| 5n. Date:               | 7m. PCM (in 8 rooms Max) | 8o. Task #        | 8p. Air Sampler:      |
| 5o. Date:               | 7n. PCM (in 8 rooms Max) | 8p. Task #        | 8q. Air Sampler:      |
| 5p. Date:               | 7o. PCM (in 8 rooms Max) | 8q. Task #        | 8r. Air Sampler:      |
| 5q. Date:               | 7p. PCM (in 8 rooms Max) | 8r. Task #        | 8s. Air Sampler:      |
| 5r. Date:               | 7q. PCM (in 8 rooms Max) | 8s. Task #        | 8t. Air Sampler:      |
| 5s. Date:               | 7r. PCM (in 8 rooms Max) | 8t. Task #        | 8u. Air Sampler:      |
| 5t. Date:               | 7s. PCM (in 8 rooms Max) | 8u. Task #        | 8v. Air Sampler:      |
| 5u. Date:               | 7t. PCM (in 8 rooms Max) | 8v. Task #        | 8w. Air Sampler:      |
| 5v. Date:               | 7u. PCM (in 8 rooms Max) | 8w. Task #        | 8x. Air Sampler:      |
| 5w. Date:               | 7v. PCM (in 8 rooms Max) | 8x. Task #        | 8y. Air Sampler:      |
| 5x. Date:               | 7w. PCM (in 8 rooms Max) | 8y. Task #        | 8z. Air Sampler:      |
| 5y. Date:               | 7x. PCM (in 8 rooms Max) | 8z. Task #        | 8aa. Air Sampler:     |
| 5z. Date:               | 7y. PCM (in 8 rooms Max) | 8aa. Task #       | 8ab. Air Sampler:     |
| 5aa. Date:              | 7z. PCM (in 8 rooms Max) | 8ab. Task #       | 8ac. Air Sampler:     |
| 5ab. Date:              | 7a. PCM (in 8 rooms Max) | 8ac. Task #       | 8ad. Air Sampler:     |
| 5ac. Date:              | 7b. PCM (in 8 rooms Max) | 8ad. Task #       | 8ae. Air Sampler:     |
| 5ad. Date:              | 7c. PCM (in 8 rooms Max) | 8ae. Task #       | 8af. Air Sampler:     |
| 5ae. Date:              | 7d. PCM (in 8 rooms Max) | 8af. Task #       | 8ag. Air Sampler:     |
| 5af. Date:              | 7e. PCM (in 8 rooms Max) | 8ag. Task #       | 8ah. Air Sampler:     |
| 5ag. Date:              | 7f. PCM (in 8 rooms Max) | 8ah. Task #       | 8ai. Air Sampler:     |
| 5ah. Date:              | 7g. PCM (in 8 rooms Max) | 8ai. Task #       | 8aj. Air Sampler:     |
| 5ai. Date:              | 7h. PCM (in 8 rooms Max) | 8aj. Task #       | 8ak. Air Sampler:     |
| 5aj. Date:              | 7i. PCM (in 8 rooms Max) | 8ak. Task #       | 8al. Air Sampler:     |
| 5ak. Date:              | 7j. PCM (in 8 rooms Max) | 8al. Task #       | 8am. Air Sampler:     |
| 5al. Date:              | 7k. PCM (in 8 rooms Max) | 8am. Task #       | 8an. Air Sampler:     |
| 5am. Date:              | 7l. PCM (in 8 rooms Max) | 8an. Task #       | 8ao. Air Sampler:     |
| 5an. Date:              | 7m. PCM (in 8 rooms Max) | 8ao. Task #       | 8ap. Air Sampler:     |
| 5ao. Date:              | 7n. PCM (in 8 rooms Max) | 8ap. Task #       | 8aq. Air Sampler:     |
| 5ap. Date:              | 7o. PCM (in 8 rooms Max) | 8aq. Task #       | 8ar. Air Sampler:     |
| 5aq. Date:              | 7p. PCM (in 8 rooms Max) | 8ar. Task #       | 8as. Air Sampler:     |
| 5ar. Date:              | 7q. PCM (in 8 rooms Max) | 8as. Task #       | 8at. Air Sampler:     |
| 5as. Date:              | 7r. PCM (in 8 rooms Max) | 8at. Task #       | 8au. Air Sampler:     |
| 5at. Date:              | 7s. PCM (in 8 rooms Max) | 8au. Task #       | 8av. Air Sampler:     |
| 5au. Date:              | 7t. PCM (in 8 rooms Max) | 8av. Task #       | 8aw. Air Sampler:     |
| 5av. Date:              | 7u. PCM (in 8 rooms Max) | 8aw. Task #       | 8ax. Air Sampler:     |
| 5aw. Date:              | 7v. PCM (in 8 rooms Max) | 8ax. Task #       | 8ay. Air Sampler:     |
| 5ax. Date:              | 7w. PCM (in 8 rooms Max) | 8ay. Task #       | 8az. Air Sampler:     |
| 5ay. Date:              | 7x. PCM (in 8 rooms Max) | 8az. Task #       | 8ba. Air Sampler:     |
| 5az. Date:              | 7y. PCM (in 8 rooms Max) | 8ba. Task #       | 8bb. Air Sampler:     |
| 5ba. Date:              | 7z. PCM (in 8 rooms Max) | 8bb. Task #       | 8bc. Air Sampler:     |
| 5bb. Date:              | 7a. PCM (in 8 rooms Max) | 8bc. Task #       | 8bd. Air Sampler:     |
| 5bc. Date:              | 7b. PCM (in 8 rooms Max) | 8bd. Task #       | 8be. Air Sampler:     |
| 5bd. Date:              | 7c. PCM (in 8 rooms Max) | 8be. Task #       | 8bf. Air Sampler:     |
| 5be. Date:              | 7d. PCM (in 8 rooms Max) | 8bf. Task #       | 8bg. Air Sampler:     |
| 5bf. Date:              | 7e. PCM (in 8 rooms Max) | 8bg. Task #       | 8bh. Air Sampler:     |
| 5bg. Date:              | 7f. PCM (in 8 rooms Max) | 8bh. Task #       | 8bi. Air Sampler:     |
| 5bh. Date:              | 7g. PCM (in 8 rooms Max) | 8bi. Task #       | 8bj. Air Sampler:     |
| 5bi. Date:              | 7h. PCM (in 8 rooms Max) | 8bj. Task #       | 8bk. Air Sampler:     |
| 5bj. Date:              | 7i. PCM (in 8 rooms Max) | 8bk. Task #       | 8bl. Air Sampler:     |
| 5bk. Date:              | 7j. PCM (in 8 rooms Max) | 8bl. Task #       | 8bm. Air Sampler:     |
| 5bl. Date:              | 7k. PCM (in 8 rooms Max) | 8bm. Task #       | 8bn. Air Sampler:     |
| 5bm. Date:              | 7l. PCM (in 8 rooms Max) | 8bn. Task #       | 8bo. Air Sampler:     |
| 5bn. Date:              | 7m. PCM (in 8 rooms Max) | 8bo. Task #       | 8bp. Air Sampler:     |
| 5bo. Date:              | 7n. PCM (in 8 rooms Max) | 8bp. Task #       | 8bq. Air Sampler:     |
| 5bp. Date:              | 7o. PCM (in 8 rooms Max) | 8bq. Task #       | 8br. Air Sampler:     |
| 5bq. Date:              | 7p. PCM (in 8 rooms Max) | 8br. Task #       | 8bs. Air Sampler:     |
| 5br. Date:              | 7q. PCM (in 8 rooms Max) | 8bs. Task #       | 8bt. Air Sampler:     |
| 5bs. Date:              | 7r. PCM (in 8 rooms Max) | 8bt. Task #       | 8bu. Air Sampler:     |
| 5bt. Date:              | 7s. PCM (in 8 rooms Max) | 8bu. Task #       | 8bv. Air Sampler:     |
| 5bu. Date:              | 7t. PCM (in 8 rooms Max) |                   |                       |

**DAILY AIR SAMPLE RECORD**

[illegible]

**CHAIN OF CUSTODY**

| CHAIN OF CUSTODY         |                  |                   |             |
|--------------------------|------------------|-------------------|-------------|
| 18. Relinquished By:     | 19. Received By: | 20. Date:         | 21. Time:   |
| I <del>1</del>           | <i>Q11</i>       | <i>09/28/11</i>   | <i>1600</i> |
| II                       |                  |                   |             |
| III                      |                  |                   |             |
| 26. ATC Project Manager: |                  | 27. Result To:    |             |
| <i>09/14/11</i>          |                  | <i>David Chow</i> |             |
| Davenport/Dharma file    |                  |                   |             |

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

|                 |                  |                 |              |
|-----------------|------------------|-----------------|--------------|
| 22. Lab Name:   |                  | 23. Date:       | 24. Time:    |
| a. Analyzed By: | <i>W. J. ...</i> | <i>09/18/01</i> | <i>12:00</i> |
| b. QC By:       |                  |                 |              |
| c. Lab Batch #: | <i>07182</i>     |                 |              |

28. Comments:

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25. Microscope Make/Serial # *0114211-10-04*

☐ Nikon Labophot 230913

☐ Nikon Labophot 238917

☐ Nikon Labophot 239079

Analysis Methodology

☒ PCM - NIOSH 7400A

TEM - AHERA



10/08/2001 10:03 FAX 212 353 8306

ATC

007



# 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 Location             |  |
| 5. Date: 9/11/01  |  | 6. Abatement Location: 4 FEL  |  | 7. CASPER Type (micron size): 14M1  |  | 8. CASPER Manufacturer: CASPER  |  |
| 9. Date: 9/11/01  |  | 10. Abatement Location: 4 FEL |  | 11. CASPER Type (micron size): 14M1 |  | 12. CASPER Manufacturer: CASPER |  |
| 13. Date: 9/11/01 |  | 14. Abatement Location: 4 FEL |  | 15. CASPER Type (micron size): 14M1 |  | 16. CASPER Manufacturer: CASPER |  |

## DAILY AIR SAMPLE RECORD

| 10. Sample ID 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 |
|----------------------|-----------------|----------------------|-------------------------|------------------------|-----------------------------|---------------------------------|----------------------|
| 4-01                 |                 | Field Blank          |                         |                        |                             |                                 |                      |
| 4-02                 |                 | 4 FEL                | 1145                    | 1345                   | 1800                        | 3/100                           | 4.6E-03              |
| 4-03                 |                 | West staircase 4 FEL | 1148                    | 1348                   | 1800                        | 2/100                           | 4.6E-03              |
| 4-04                 |                 | West staircase 4 FEL | 1152                    | 1352                   | 1800                        | 4/100                           | 4.6E-03              |

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

|                           |  |           |  |                       |  |
|---------------------------|--|-----------|--|-----------------------|--|
| 22. Lab Name:             |  | 23. Date: |  | 24. Time:             |  |
| a. Analyzed By: R. Savina |  | b. QC By: |  | c. Lab Batch #: 97162 |  |

## 28. Comments:

## Analyst Methodology

PCM - MIOSH 7400A  
TEM - AHERRA

## CHAIN OF CUSTODY

|                                  |                              |                    |                |
|----------------------------------|------------------------------|--------------------|----------------|
| 18. Relinquished By: [Signature] | 19. Received By: [Signature] | 20. Date: 09/12/01 | 21. Time: 1900 |
| II                               |                              |                    |                |
| III                              |                              |                    |                |

## 26. ATC Project Manager:

## 27. Result To:

## Beeper/Phone #s:

WHITE - File YELLOW - Client/Report

PINK - Lab GOLDENROD - Field

NY-1 (1/01)

10/08/2001 10:04 FAX 212 353 8306

ATC

008



# 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:<br><b>WATC</b> | 2. Project Name:<br><b>WATC</b> | 3. Project #:<br><b>10879</b> | 4. Project Identifier:<br><b>WATC</b> | 5. Date:<br><b>9/11/01</b> | 6. Abatement Location:<br><b>SFC</b> | 7. <input checked="" type="checkbox"/> PCM (all 45 min MCE)<br>Classified Filter Identification<br>Lot # <b>17244915</b> | 8. <input type="checkbox"/> TEM (all 45 min MCE)<br>Classified Filter Identification<br>Lot # _____ | 9. Type:<br>a. <input type="checkbox"/> Background<br>b. <input type="checkbox"/> Pre-Abate<br>c. <input type="checkbox"/> Abatement<br>d. <input type="checkbox"/> Post-Abate<br>e. <input type="checkbox"/> OSHA<br>f. <input type="checkbox"/> Other | 10. <input checked="" type="checkbox"/> Environmental<br>11. <input type="checkbox"/> Ambient<br>12. <input type="checkbox"/> Other |
|---------------------------|---------------------------------|-------------------------------|---------------------------------------|----------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|

## DAILY AIR SAMPLE RECORD

| 10. Sample ID, 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. Filter Conc. FPG |
|-----------------------|-----------------|---------------------|-------------------------|------------|----------|------------------------|------------|----------|-----------------------------|---------------------------------|----------------------|
|                       |                 | 12a. MVA            | 12b. CMA                | 13a. Start | 13b. End | 13c. Total             | 14a. Start | 14b. End | 14b. Avg                    |                                 |                      |
| S-01                  |                 |                     |                         |            |          |                        |            |          |                             |                                 |                      |
|                       |                 |                     |                         |            |          |                        |            |          |                             |                                 |                      |
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| S-02                  |                 |                     |                         |            |          |                        |            |          |                             |                                 |                      |
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| S-03                  |                 |                     |                         |            |          |                        |            |          |                             |                                 |                      |
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| S-04                  |                 |                     |                         |            |          |                        |            |          |                             |                                 |                      |
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|                       |                 |                     |                         |            |          |                        |            |          |                             |                                 |                      |

## CHAIN OF CUSTODY

|                      |                  |                 |             |
|----------------------|------------------|-----------------|-------------|
| 18. Relinquished By: | 19. Received By: | 20. Date:       | 21. Time:   |
| <b>WATC</b>          | <b>WATC</b>      | <b>09/12/01</b> | <b>1900</b> |
| II                   |                  |                 |             |
| III                  |                  |                 |             |

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

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| 22. Lab Name:   | 23. Date:       | 24. Time:       |
| <b>WATC</b>     | <b>09/12/01</b> | <b>1900</b>     |
| a. Analyzed By: | b. QC By:       | c. Lab Batch #: |
| <b>WATC</b>     | <b>WATC</b>     | <b>9716</b>     |

## 25. Comments:

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

## 26. ATC Project Manager:

27. Result To: **WATC**  
 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:<br><i>Wm. West's Coast City</i>                      |  | 4c. Holometer Number:<br><i>SD-132</i>                                                                                                                                                                                                                  |  |
| 5. Date:<br><i>7/19/94</i> |  | 6. Abatement Location:<br><i>DFC</i>             |  | 7. EPA CM (0.8 micron size)<br>Cassette/Riser Manufactory<br>Lot # <i>D04485</i> |  | 8. TEM (0.45 micron MCE)<br>Cassette/Riser Manufactory<br>Lot # <i>X</i> |  | 9. Type:<br>a. <input type="checkbox"/> Background<br>b. <input type="checkbox"/> Pre-Abate<br>c. <input type="checkbox"/> Abatement<br>d. <input type="checkbox"/> Post-Abate<br>e. <input type="checkbox"/> OSHA<br>f. <input type="checkbox"/> Other |  |
|                            |  | 2a. Project Address:<br><i>2401 S.W. Dix Hwy</i> |  | 3a. Task #                                                                       |  | 4a. Air Sampler:                                                         |  |                                                                                                                                                                                                                                                         |  |

### DAILY AIR SAMPLE RECORD

| 10. Sample ID, Number | 11. Pump Number | 12. Sample Location<br>12a. WPA<br>12b. CWPA<br>12c. Sample Coordinates | 13. Time (24 hrs clock)<br>13a. Start<br>13b. End<br>13c. Total | 14. Flow Rate (L/min.)<br>14a. Start<br>14b. End<br>14c. Avg | 15. Total Air Vol. (liters) | 16. # Fibers/Filaments Blank | 17. Fiber Conc. FCC |
|-----------------------|-----------------|-------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|-----------------------------|------------------------------|---------------------|
| 6-01                  |                 | Field Blank                                                             |                                                                 |                                                              |                             | 0/100                        |                     |
| 6-02                  |                 | 6 FL<br>West side staircase                                             | 915<br>1115<br>120                                              | 15<br>15<br>15                                               | 1800                        | 5/100                        | <0.003              |
| 6-03                  |                 | 6 FL<br>corridor                                                        | 917<br>1117<br>120                                              | 15<br>15<br>15                                               | 1800                        | 4/100                        | <0.003              |
| 6-04                  |                 | 6 FL<br>East staircase                                                  | 920<br>1120<br>120                                              | 15<br>15<br>15                                               | 1800                        | 7/100                        | <0.003              |

**CHAIN OF CUSTODY**

|                       |                    |            |           |
|-----------------------|--------------------|------------|-----------|
| 18. Refilled/Used By: | 19. Received By:   | 20. Date:  | 21. Time: |
| <i>[Signature]</i>    | <i>[Signature]</i> | 04/27/2000 |           |
| <i>[Signature]</i>    |                    |            |           |
| III                   |                    |            |           |

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

|                 |                                                |           |
|-----------------|------------------------------------------------|-----------|
| 22. Lab Name:   | 23. Date:                                      | 24. Time: |
| a. Analyzed By: | 25. Microscope Magnification: <i>1000x</i>     |           |
| b. QC By:       | <input type="checkbox"/> Nikon Labophot 238913 |           |
| c. Lab Batch #: | <input type="checkbox"/> Nikon Labophot 238917 |           |
|                 | <input type="checkbox"/> Nikon Labophot 239073 |           |

**26. ATC Project Manager:**

○

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

1945

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## 2B. Comments:

✓ PCM - NIOSH 7400A

0

**WHITE - File**

**YELLOW - Client's Report**

**PINK - Lab**

## GOLDENROD - Field

NY-1 (11/04)

C-V



10/08/2001 10:05 FAX 212 353 8306

ATC

011



# 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:<br><u>WATC Associates Inc.</u>                                                                               | 2. Project Name:<br><u>WATC Associates Inc.</u>                                                           | 3. Project #:<br><u>100000000</u>                                                                | 4. Project Monitoring Schedule:<br><u>10/08/2001</u>                                                |
| 5. Date:<br><u>10/08/2001</u>                                                                                           | 6. Project Address:<br><u>8 FL</u>                                                                        | 7. <input type="checkbox"/> PCM or Micro NIOSH<br>Case Number/Field Number:<br><u>100000000</u>  | 8. <input type="checkbox"/> TEM (QAS means NIOSH)<br>Case Number/Field Number:<br><u>100000000</u>  |
| 9. Type:<br>a. <input type="checkbox"/> Background<br>b. <input type="checkbox"/> Pre-Abate                             | 10. Abatement Location:<br><u>8 FL</u>                                                                    | 11. <input type="checkbox"/> PCM or Micro NIOSH<br>Case Number/Field Number:<br><u>100000000</u> | 12. <input type="checkbox"/> TEM (QAS means NIOSH)<br>Case Number/Field Number:<br><u>100000000</u> |
| 13. <input type="checkbox"/> Environmental<br>1. <input type="checkbox"/> Ambient<br>11. <input type="checkbox"/> Other | 14. Flow Rate (l/min):<br>a. <input type="checkbox"/> Background<br>b. <input type="checkbox"/> Pre-Abate | 15. <input type="checkbox"/> PCM or Micro NIOSH<br>Case Number/Field Number:<br><u>100000000</u> | 16. <input type="checkbox"/> TEM (QAS means NIOSH)<br>Case Number/Field Number:<br><u>100000000</u> |

## DAILY AIR SAMPLE RECORD

| 10. Sample ID Number | 11. Pump Number | 12. Sample Location | 13a. Start | 13b. End | 13c. Total | 14a. Start | 14b. End | 14c. Avg | 15. Total Air Vol (liters) | 16. # Filters/Filters Minus Blank | 17. Filter Conc. FCC |
|----------------------|-----------------|---------------------|------------|----------|------------|------------|----------|----------|----------------------------|-----------------------------------|----------------------|
| 2-01                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-02                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-03                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-04                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-05                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-06                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-07                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-08                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-09                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-10                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-11                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-12                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-13                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-14                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-15                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-16                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-17                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-18                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-19                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-20                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-21                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-22                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-23                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-24                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-25                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-26                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-27                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-28                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-29                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |
| 2-30                 |                 | Field Blank         |            |          |            |            |          |          |                            |                                   |                      |

## CHAIN OF CUSTODY

|                                              |                                         |                                |                           |
|----------------------------------------------|-----------------------------------------|--------------------------------|---------------------------|
| 18. Relinquished By:<br><u>David Elmore</u>  | 19. Received By:<br><u>David Elmore</u> | 20. Date:<br><u>10/08/2001</u> | 21. Time:<br><u>10:00</u> |
| 22. Lab Name:<br><u>WATC Associates Inc.</u> | 23. Date:<br><u>10/08/2001</u>          | 24. Time:<br><u>10:00</u>      |                           |
| 25. Analyzed By:<br><u>David Elmore</u>      | 26. Date:<br><u>10/08/2001</u>          | 27. Time:<br><u>10:00</u>      |                           |
| 28. Lab Batch #:<br><u>071500</u>            | 29. Date:<br><u>10/08/2001</u>          | 30. Time:<br><u>10:00</u>      |                           |

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

|                                              |                                |                           |
|----------------------------------------------|--------------------------------|---------------------------|
| 31. Lab Name:<br><u>WATC Associates Inc.</u> | 32. Date:<br><u>10/08/2001</u> | 33. Time:<br><u>10:00</u> |
| 34. Analyzed By:<br><u>David Elmore</u>      | 35. Date:<br><u>10/08/2001</u> | 36. Time:<br><u>10:00</u> |
| 37. Lab Batch #:<br><u>071500</u>            | 38. Date:<br><u>10/08/2001</u> | 39. Time:<br><u>10:00</u> |

10/08/2001 10:05 FAX 212 353 8306

ATC

012



# AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of 1

## TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard  
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☐ Other \_\_\_\_\_

## PROJECT INFORMATION

1. Client: WATC

2. Project Name: WTC 1101 + Air Test

2a. Project Address: WTC 1101 St NY NY

3. Date: 9/10/01

6. Abatement Location: 9 FL

7. ☐ PCMA (as per NY 253)  
 Cassette/Tape Marking  
 Lot # 00044915

8. ☐ TEF (as per NY 253)  
 Cassette/Tape Marking  
 Lot # \_\_\_\_\_

9. Project # 99999999

3a. Task # \_\_\_\_\_

4. Project Monitoring: 9/10/01 15:00-17:00

4a. Air Sampler: \_\_\_\_\_

9. Type: ☐ Backgroud ☐ Pre-Abate

c. ☐ Abatement ☐ Post-Abate ☐ OSHA

1. ☐ Environmental ☐ Ambient ☐ Other

4c. Rodometer Number: 58-139

## DAILY AIR SAMPLE RECORD

| 10. Sample ID Number | 11. Pump Number | 12. Sample Location | 12a. WPA | 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 | 14c. Avg | 15. Total Air Vol. (liters) | 16. # Fibers/Filaments Blank | 17. Fiber Conc. F/CC |
|----------------------|-----------------|---------------------|----------|----------|-------------------------|-------------------------|------------|----------|------------|------------------------|------------|----------|----------|-----------------------------|------------------------------|----------------------|
| 9-01                 |                 | Field Blank         |          |          |                         |                         |            |          |            |                        |            |          |          |                             |                              |                      |
| 9-02                 |                 | 9 FL West Staircase |          |          |                         | 845                     | 1045       | 110      | 15         | 15                     | 15         | 15       | 15       | 1800                        | 3/100                        | 20.003               |
| 9-03                 |                 | 9 FL West Staircase |          |          |                         | 848                     | 1048       | 110      | 15         | 15                     | 15         | 15       | 15       | 1800                        | 4/100                        | 20.003               |
| 9-04                 |                 | 9 FL West Staircase |          |          |                         | 850                     | 1050       | 110      | 15         | 15                     | 15         | 15       | 15       | 1800                        | 3/100                        | 20.003               |

## CHAIN OF CUSTODY

18. Relinquished By: [Signature]

19. Received By: [Signature]

20. Date: 09/10/01

21. Time: 1900

26. ATC Project Manager: [Signature]

27. Result To: [Signature]

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

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

22. Lab Name: WATC

23. Date: 09/10/01

24. Time: 1735

25. Micrographer: [Signature]

25. Micrographer Serial # 141101

25. Micrographer Model 238913

25. Micrographer Lens 238917

25. Micrographer Filter 238917

25. Micrographer Software 238917

25. Micrographer Hardware 238917

25. Micrographer Accessories 238917

25. Micrographer Other 238917

25. Micrographer Notes 238917

25. Micrographer Comments 238917

25. Micrographer Signature 238917

25. Micrographer Date 238917

25. Micrographer Time 238917

25. Micrographer Location 238917

25. Micrographer Project 238917

25. Micrographer Client 238917

25. Micrographer Contact 238917

25. Micrographer Address 238917

25. Micrographer City 238917

25. Micrographer State 238917

25. Micrographer Zip 238917

25. Micrographer Country 238917

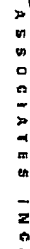
25. Micrographer Phone 238917

25. Micrographer Fax 238917

25. Micrographer Email 238917

25. Micrographer Website 238917

25. Micrographer Other 238917



Page \_\_\_\_\_ of \_\_\_\_\_

**TURNAROUND TIME**

☐ 2 hrs    ☐ 6 hrs    ☐ 48 hrs    ☐ Standard

☐ 4 hrs    ☐ 24 hrs    ☐ 72 hrs    ☐ Other \_\_\_\_\_

## 1. Client:

DAILY AIR SAMPLE RECORD

**CHAIN OF CUSTODY**

## 26. ATC Project Manager:

NY-1 (1501)

10/08/2001 10:06 FAX 212 353 8306

ATC

014



# 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: <u>WATC Associates Inc.</u>           |  | 2. Project Name: <u>WATC Associates Inc.</u> |  | 3. Project # |  | 4. Project Monitor: <u>WATC Associates Inc.</u> |  | 5. Date: <u>9/16/01</u>                                                          |  | 6. Abatement Location: <u>10FL</u>                                                                             |  | 7. PCM (0.2 micron MCE) Cassette/Filter Manufacturer: <u>WATC</u>                 |  | 8. <input type="checkbox"/> TEM (0.45 micron MCE) Cassette/Filter Manufacturer: <u>WATC</u> |  | 9. Type: <input type="checkbox"/> Background <input type="checkbox"/> Pre-Abate   |  | 10. Abatement <input type="checkbox"/> Post-Abate <input type="checkbox"/> OSHA <input type="checkbox"/> Other |  | 11. Environmental <input type="checkbox"/> Ambient <input type="checkbox"/> Other  |  |
| 2a. Project Address: <u>WATC Associates Inc.</u> |  | 2b. Project Coordinates: <u>10FL</u>         |  | 3a. Task #   |  | 4a. Air Sampler: <u>WATC Associates Inc.</u>    |  | 5a. Type: <input type="checkbox"/> Background <input type="checkbox"/> Pre-Abate |  | 6a. Abatement <input type="checkbox"/> Post-Abate <input type="checkbox"/> OSHA <input type="checkbox"/> Other |  | 7a. Environmental <input type="checkbox"/> Ambient <input type="checkbox"/> Other |  | 8a. Environmental <input type="checkbox"/> Ambient <input type="checkbox"/> Other           |  | 9a. Environmental <input type="checkbox"/> Ambient <input type="checkbox"/> Other |  | 10a. Environmental <input type="checkbox"/> Ambient <input type="checkbox"/> Other                             |  | 11a. Environmental <input type="checkbox"/> Ambient <input type="checkbox"/> Other |  |

## DAILY AIR SAMPLE RECORD

| 10. Sample I.D. Number | 11. Pump Number | 12. Sample Location     | 13a. Start | 13b. End | 13c. Total | 14a. Start | 14b. End | 14c. Avg | 15. Total Air Vol. (liters) | 16. # Filters/Facets Minus Blank | 17. Fiber Conc. F/CC |
|------------------------|-----------------|-------------------------|------------|----------|------------|------------|----------|----------|-----------------------------|----------------------------------|----------------------|
| 10-01                  |                 | Field Blank             |            |          |            |            |          |          |                             |                                  |                      |
|                        |                 | Field Blank             |            |          |            |            |          |          |                             |                                  |                      |
| 10-02                  |                 | 10FL                    | 1400       | 1600     | 120        | 15         | 15       | 15       | 1800                        | 5/100                            | <0.003               |
| 10-03                  |                 | E-staircase             | 1403       | 1603     | 120        | 15         | 15       | 15       | 1800                        | 3/100                            | <0.003               |
| 10-04                  |                 | 10FL                    | 1406       | 1606     | 120        | 15         | 15       | 15       | 1800                        | 4/100                            | <0.003               |
| 10-05                  |                 | Corridor middle (North) | 1427       | 1627     | 120        | 15         | 15       | 15       | 1800                        | 7/100                            | <0.003               |
| 10-06                  |                 | Corridor W-Side         | 1429       | 1629     | 120        | 15         | 15       | 15       | 1800                        | 3/100                            | <0.003               |

## CHAIN OF CUSTODY

|                                         |                                     |                           |                       |
|-----------------------------------------|-------------------------------------|---------------------------|-----------------------|
| 18. Relinquished By: <u>David Olney</u> | 19. Received By: <u>David Olney</u> | 20. Date: <u>09/16/01</u> | 21. Time: <u>1800</u> |
| II                                      |                                     |                           |                       |
| III                                     |                                     |                           |                       |

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

|                                           |                           |                              |
|-------------------------------------------|---------------------------|------------------------------|
| 22. Lab Name: <u>WATC Associates Inc.</u> | 23. Date: <u>09/16/01</u> | 24. Time: <u>1800</u>        |
| a. Analyzed By: <u>WATC</u>               | b. QC By: <u>WATC</u>     | c. Lab Batch #: <u>07132</u> |
| 25. Comments: <u>WATC Associates Inc.</u> |                           |                              |

## 26. ATC Project Manager:

David Olney

## 27. Result To:

WATC Associates Inc.

## 28. Comments:

WATC Associates Inc.

WHITE - File , YELLOW - Client/Report

PINK - Lab GOLDENROD - Field

NY-1 (1/01)



# AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 1 of 01  
TURNAROUND TIME

☐ 2 hrs      ☐ 6 hrs      ☐ 48 hrs      ☐ Standard

☐ 4 hrs      ☐ 24 hrs      ☐ 72 hrs      ☐ Other \_\_\_\_\_

### PROJECT INFORMATION

| PROJECT INFORMATION                   |                                        |                                                                         |                                                   |
|---------------------------------------|----------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------|
| 1. Client:                            | 2. Project Name                        | 3. Project #                                                            | 4. Project Monitor:                               |
| 5. Date:                              | 6. Achievement Location:               | 7. <input type="checkbox"/> PPM <input type="checkbox"/> 0.8 micron MCE | 8. <input type="checkbox"/> TEM (4.45 micron MCE) |
| 9. <input type="checkbox"/> Backgroud | 10. <input type="checkbox"/> Pre-Abate | 11. <input type="checkbox"/> OSHA                                       | 12. <input type="checkbox"/> Environmental        |
| 13. <input type="checkbox"/> Ambient  | 14. <input type="checkbox"/> Other     | 15. <input type="checkbox"/> Other                                      | 16. <input type="checkbox"/> Other                |

# DAILY AIR SAMPLE RECORD

[illegible]

**CHAIN OF CUSTODY**

| 18. Received By:        | 19. Received By: | 20. Date: | 21. Time: |
|-------------------------|------------------|-----------|-----------|
| 1. <i>[Signature]</i>   |                  | 11/25/11  | 1800      |
| 2. <i>[Signature]</i>   |                  |           |           |
| 3. <i>[Signature]</i>   |                  |           |           |
| 4. <i>[Signature]</i>   |                  |           |           |
| 5. <i>[Signature]</i>   |                  |           |           |
| 6. <i>[Signature]</i>   |                  |           |           |
| 7. <i>[Signature]</i>   |                  |           |           |
| 8. <i>[Signature]</i>   |                  |           |           |
| 9. <i>[Signature]</i>   |                  |           |           |
| 10. <i>[Signature]</i>  |                  |           |           |
| 11. <i>[Signature]</i>  |                  |           |           |
| 12. <i>[Signature]</i>  |                  |           |           |
| 13. <i>[Signature]</i>  |                  |           |           |
| 14. <i>[Signature]</i>  |                  |           |           |
| 15. <i>[Signature]</i>  |                  |           |           |
| 16. <i>[Signature]</i>  |                  |           |           |
| 17. <i>[Signature]</i>  |                  |           |           |
| 18. <i>[Signature]</i>  |                  |           |           |
| 19. <i>[Signature]</i>  |                  |           |           |
| 20. <i>[Signature]</i>  |                  |           |           |
| 21. <i>[Signature]</i>  |                  |           |           |
| 22. <i>[Signature]</i>  |                  |           |           |
| 23. <i>[Signature]</i>  |                  |           |           |
| 24. <i>[Signature]</i>  |                  |           |           |
| 25. <i>[Signature]</i>  |                  |           |           |
| 26. <i>[Signature]</i>  |                  |           |           |
| 27. <i>[Signature]</i>  |                  |           |           |
| 28. <i>[Signature]</i>  |                  |           |           |
| 29. <i>[Signature]</i>  |                  |           |           |
| 30. <i>[Signature]</i>  |                  |           |           |
| 31. <i>[Signature]</i>  |                  |           |           |
| 32. <i>[Signature]</i>  |                  |           |           |
| 33. <i>[Signature]</i>  |                  |           |           |
| 34. <i>[Signature]</i>  |                  |           |           |
| 35. <i>[Signature]</i>  |                  |           |           |
| 36. <i>[Signature]</i>  |                  |           |           |
| 37. <i>[Signature]</i>  |                  |           |           |
| 38. <i>[Signature]</i>  |                  |           |           |
| 39. <i>[Signature]</i>  |                  |           |           |
| 40. <i>[Signature]</i>  |                  |           |           |
| 41. <i>[Signature]</i>  |                  |           |           |
| 42. <i>[Signature]</i>  |                  |           |           |
| 43. <i>[Signature]</i>  |                  |           |           |
| 44. <i>[Signature]</i>  |                  |           |           |
| 45. <i>[Signature]</i>  |                  |           |           |
| 46. <i>[Signature]</i>  |                  |           |           |
| 47. <i>[Signature]</i>  |                  |           |           |
| 48. <i>[Signature]</i>  |                  |           |           |
| 49. <i>[Signature]</i>  |                  |           |           |
| 50. <i>[Signature]</i>  |                  |           |           |
| 51. <i>[Signature]</i>  |                  |           |           |
| 52. <i>[Signature]</i>  |                  |           |           |
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| 81. <i>[Signature]</i>  |                  |           |           |
| 82. <i>[Signature]</i>  |                  |           |           |
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| 84. <i>[Signature]</i>  |                  |           |           |
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| 90. <i>[Signature]</i>  |                  |           |           |
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| 93. <i>[Signature]</i>  |                  |           |           |
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| 95. <i>[Signature]</i>  |                  |           |           |
| 96. <i>[Signature]</i>  |                  |           |           |
| 97. <i>[Signature]</i>  |                  |           |           |
| 98. <i>[Signature]</i>  |                  |           |           |
| 99. <i>[Signature]</i>  |                  |           |           |
| 100. <i>[Signature]</i> |                  |           |           |

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

|                 |                    |           |           |
|-----------------|--------------------|-----------|-----------|
| 22. Lab Name:   |                    | 23. Date: | 24. Time: |
| a. Analyzed By: | <i>[Signature]</i> | 09/18/04  | 1:31:00   |
| b. QC By:       |                    |           |           |
| c. Lab Batch #: | 97133              |           |           |

**28. Comments:**

25. Microscope: Mather Spectra #10004  
☒ Nikon Labophot 2589-13  
☐ Nikon Labophot 2589-17  
☐ Nikon Labophot 2589-79

Analysis Methodology  
 ✓ PCM - NIOSH 7400A  
 TEM - AHERA

**WHITE - File**

**YELLOW - Client/Prepa**

**PINK - Lab**

**GOLDENROD - Field**

NY-1 (1501)

10/08/2001 10:07 FAX 212 353 8306

ATC

016



# 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:<br><b>9 Muesel St</b>                                                            | 2. Project Name:<br><b>9 Muesel St NY 100</b> | 3. Project #:<br><b>1100</b>                                                                                                                                                                                                                 | 4. Project Monitor:<br><b>John Joseph/Robert</b>                           | 4c. Rotameter Number:<br><b>921132</b> |
| 5. Date:<br><b>9/26/01</b>                                                                  | 6. Abatement Location:<br><b>12 FCL</b>       | 7a. Project Address:<br><b>9 Muesel St NY 100</b>                                                                                                                                                                                            | 7b. PCM (if micron size):<br><input type="checkbox"/> PCM (if micron size) | 8. Task #:<br><b>1100</b>              |
| 9. Type:<br>a. <input type="checkbox"/> Background<br>b. <input type="checkbox"/> Pre-Abate |                                               | c. <input type="checkbox"/> Abatement<br>d. <input type="checkbox"/> Post-Abate<br>e. <input type="checkbox"/> OSHA<br>f. <input type="checkbox"/> Environmental<br>g. <input type="checkbox"/> Ambient<br>h. <input type="checkbox"/> Other |                                                                            |                                        |

## DAILY AIR SAMPLE RECORD

| 10. Sample ID, Number | 11. Pump Number | 12. Sample Location          | 13a. Start | 13b. End | 13c. Total | 14a. Start | 14b. End | 14c. Avg | 15. Total Air Vol. (liters) | 16. # Fibers/Fields minus Blank | 17. Fiber Conc. F/CC |
|-----------------------|-----------------|------------------------------|------------|----------|------------|------------|----------|----------|-----------------------------|---------------------------------|----------------------|
| 10-01                 |                 | Field Blank                  |            |          |            |            |          |          |                             |                                 |                      |
|                       |                 | Field Blank                  |            |          |            |            |          |          |                             |                                 |                      |
| 10-02                 |                 | 12 FCL<br>Forest Staircase   | 1040       | 1040     | 110        | 15         | 15       | 15       | 1800                        | 4/100                           | <0.003               |
| 10-03                 |                 | 12 FCL<br>Corridor Southside | 1043       | 1043     | 120        | 15         | 15       | 15       | 1800                        | 3/100                           | <0.003               |
| 10-04                 |                 | 12 FCL<br>Corridor Middle    | 1047       | 1047     | 120        | 15         | 15       | 15       | 1800                        | 4/100                           | <0.003               |
| 10-05                 |                 | 12 FCL<br>Corridor Westside  | 1048       | 1048     | 120        | 15         | 15       | 15       | 1800                        | 3/100                           | <0.003               |
| 10-06                 |                 | 12 FCL<br>West Staircase     | 1052       | 1052     | 120        | 15         | 15       | 15       | 1800                        | 2/100                           | <0.003               |

## CHAIN OF CUSTODY

|                                             |                                         |                                                                                          |                                              |
|---------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------|
| 18. Requisitioned By:<br><b>[Signature]</b> | 19. Received By:<br><b>[Signature]</b>  | 20. Date:<br><b>9/26/01</b>                                                              | 21. Time:<br><b>18:20</b>                    |
| 22. Lab Name:<br><b>WATC</b>                | 23. Date:<br><b>9/26/01</b>             | 24. Time:<br><b>18:20</b>                                                                | 25. Microscope Magnification:<br><b>100x</b> |
| 26. ATC Project Manager:                    | 27. Result To:<br><b>Becker/Phone #</b> | 28. Comments:<br><b>White - File Yellow - Client/Report Pink - Lab Goldenrod - Field</b> |                                              |

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

|                                       |                                 |                                 |                                                                                                                |
|---------------------------------------|---------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| 22. Lab Name:<br><b>WATC</b>          | 23. Date:<br><b>9/26/01</b>     | 24. Time:<br><b>18:20</b>       | 25. Microscope Magnification:<br><b>100x</b>                                                                   |
| a. Analyzed By:<br><b>[Signature]</b> | b. QC By:<br><b>[Signature]</b> | c. Lab Batch #:<br><b>07134</b> | d. Analysis Methodology:<br><input type="checkbox"/> PCM - NIOSH 7400A<br><input type="checkbox"/> TEM - AHERA |

10/08/2001 10:08 FAX 212 353 8306

ATC

017



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,

A handwritten signature in black ink, appearing to read 'Michael A. Gorycki', written over a horizontal line.

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) | <u>Asbestos Concentration</u> |          |                    |
|-------------|-----------|-----------|-------------------------------|----------|--------------------|
|             |           |           | S/mm <sup>2</sup>             | S/cc     | ngm/m <sup>3</sup> |
| 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) | <u>Asbestos Concentration</u> |      |         |
|------|-----------|-----------|-------------------------------|------|---------|
|      |           |           | S/mm^2                        | S/cc | ngm/m^3 |
|      |           |           | Average=                      | N/A  | N/A     |

#### 3) Blanks

| TEM#        | Project # |  | <u>Asbestos Concentration</u> |      |                    |
|-------------|-----------|--|-------------------------------|------|--------------------|
|             |           |  | S/mm <sup>2</sup>             | S/cc | ngm/m <sup>3</sup> |
| 5577- 59710 | 3-01      |  | Not Analyzed                  |      |                    |
| Average=    |           |  | N/A                           | N/A  | N/A                |

#### 4) Value of T - Statistic : N/A

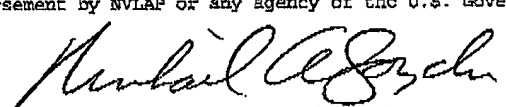
\* None detected; concentration equivalent to analytical sensitivity assigned.

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

#### Analysis Parameters

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

TEM Sample No.: 5577 - 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

|                                                | <u>Number Observed</u> |                |                 | <u>Total</u>   |                |                 | <u>Filter</u>      |                  | <u>Air</u>    |
|------------------------------------------------|------------------------|----------------|-----------------|----------------|----------------|-----------------|--------------------|------------------|---------------|
|                                                | <u>Single</u>          | <u>Bundles</u> | <u>Clusters</u> | <u>Matrix</u>  | <u>Total.</u>  | <u>Struct.</u>  | <u>Struct./mm2</u> | <u>Struct/cc</u> | <u>ngm/m3</u> |
|                                                | <u>Fibers</u>          |                |                 | <u>Struct.</u> | <u>Struct.</u> | <u>&gt;=5um</u> |                    |                  |               |
| 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:

Report Reviewed 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

#### Analysis Parameters

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 mm<sup>2</sup>

TEM Sample No.: 5577 - 59712

Grid Openings Analyzed: 6

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0674 mm<sup>2</sup>

Analytical Sensitivity: 14.8 g/mm<sup>2</sup>  
0.0044 g/cc

### FIBROUS PARTICULATES ANALYZED

#### Number Observed

#### CONCENTRATION

|                                                | <u>Number Observed</u> |                |                 | <u>CONCENTRATION</u>  |                      |                 | <u>Filter</u>                |                  | <u>Air</u>               |
|------------------------------------------------|------------------------|----------------|-----------------|-----------------------|----------------------|-----------------|------------------------------|------------------|--------------------------|
|                                                | <u>Single Fibers</u>   | <u>Bundles</u> | <u>Clusters</u> | <u>Matrix Struct.</u> | <u>Total Struct.</u> | <u>&gt;=5um</u> | <u>Struct/mm<sup>2</sup></u> | <u>Struct/cc</u> | <u>ngm/m<sup>3</sup></u> |
| 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:

Report Reviewed 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

#### Analysis Parameters

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

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 |         |          | Matrix  | Total.  | Total | Filter     |           | Air |
|------------------------------------------------|--------|---------|----------|---------|---------|-------|------------|-----------|-----|
|                                                | Fibers | Bundles | Clusters | Struct. | Struct. | >=5um | Struct/mm2 | 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:

Report Reviewed by:

Roman Peysakhov

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

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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

#### Analysis Parameters

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

TEM Sample No.: 5577 - 59714

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 |         |          | Matrix | Total | Total | Filter      |            | Air |
|------------------------------------------------|--------|---------|----------|--------|-------|-------|-------------|------------|-----|
|                                                | Fibers | Bundles | Clusters |        |       |       | Struct./mm2 | 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:

Report Reviewed by:

Roman Peysakhov

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

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

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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

#### Analysis Parameters

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

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 g/mm2

0.0044 g/cc

### FIBROUS PARTICULATES ANALYZED

#### Number Observed

#### CONCENTRATION

|                                                |                  |         |          |                   |                  |                          |                      |                     | Air<br>nom/m3 |
|------------------------------------------------|------------------|---------|----------|-------------------|------------------|--------------------------|----------------------|---------------------|---------------|
|                                                | Single<br>Fibers | Bundles | Clusters | Matrix<br>Struct. | Total<br>Struct. | Total<br>Struct.<br>≥5um | Filter<br>Struct/mm2 | Filter<br>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

орскъ РА

Disk No. \_\_\_\_\_

Comments \_\_\_\_\_

Comments \_\_\_\_\_

Comments \_\_\_\_\_

( 4.721 Struct. Corresp. to 70 #/mm<sup>2</sup>.)

2K



( 4.721 Struct. Corresp. to 70 g/mm<sup>2</sup>.)

29



## ATC ASSOCIATES INC. - TEM ANALYSIS

LAB GROUP #: 5577 - 09/28/01

Lab Sample No. 59715

Client Spl. No. 3-06

Instrument I.D. EM 10 CRX

Screen Magnification 16,400X

Acc. Voltage 80 kV

Filter Type MCE 25 mm

Filter Area 385 mm<sup>2</sup>

Grid I.D. 424 3PR

(GO) Area 0.01124 mm<sup>2</sup>

No. GO to be Analyzed 6

Operator Wip

Disk No. \_\_\_\_\_

Comments \_\_\_\_\_

(4.721 Struct. Corrsd. to 70 g/mm<sup>2</sup>)

| GO. | No. | Coord. | Structure No. | Structure Type |   |   |   | Length            |       | I.D. of Structure |           |         |           | N or ✓ | EDS (Nonasb. Elements) |
|-----|-----|--------|---------------|----------------|---|---|---|-------------------|-------|-------------------|-----------|---------|-----------|--------|------------------------|
|     |     |        |               | F              | B | C | M | >0.5 um<br>< 5 um | > 5um | Chrys.            | Amphibole | Nonasb. | Ambig./ND |        |                        |
| 3P  | 1   | X3     | NSD           |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     | 2   | Q2     | "             |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     | 3   | J2     | "             |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     | 4   | I1     | "             |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     | 5   | P1     | "             |                |   |   |   |                   |       |                   |           |         |           |        |                        |
| 3R  | 6   | Q2     | "             |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     |     |        |               |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     |     |        |               |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     |     |        |               |                |   |   |   |                   |       |                   |           |         |           |        |                        |
|     |     |        |               |                |   |   |   |                   |       |                   |           |         |           |        |                        |

Photo No. (from 1 in 8 asbestos-containing samples)

Identify all structures using EDS

Check diffraction for asbestos structures up to 70g/mm<sup>2</sup> (Int. 4)

Store all unrepeat spectra

Struct. = &gt; 0.5um &amp; &gt; 5:1 Aspect Ratio

N= Not Observed (EDS spectrum or diffraction pattern)

✓= Positive diffraction pattern properties conforming to laboratory identification criteria observed.

For chrysotile: 0.7nm spacing for (020) reflections, 0.33nm spacing for the layer line repeat, streaking of (110) and (120) reflections.

For amphiboles: 0.33nm layer line repeat, and approx. 3.5 ratio of non-twinned layer line repeat spacing to layer line repeat distance (0.33nm).

✓= EDS spectrum conforming to laboratory identification criteria observed.

F= Single Fiber (1-3 intersections = 1-3 fibers)

B= Bundle (&gt;3 fibers &lt;1 fiber diameter apart)

C= Cluster (&gt;3 intersections)

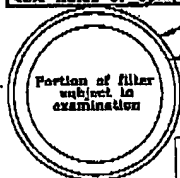
M= Matrix

NSD= No Structures Detected

L:\DATA\PRIVATE\MIKE\CARD\TMS

9/22/98

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



25mm filter

Shipping Rules:

&gt;50 g/G.O. or in Int 4 G.O.

## AMPHIBOLES

Amosite  
Crocidolite  
Anthophyllite  
Tremolite  
Actinolite

Chrysotile

Amphibole

Ambiguous

Non-asbestos

Non-identified

## Totals

|                | F | B | C | M | > 5um |
|----------------|---|---|---|---|-------|
| Chrysotile     |   |   |   |   |       |
| Amphibole      |   |   |   |   |       |
| Ambiguous      |   |   |   |   |       |
| Non-asbestos   |   |   |   |   |       |
| Non-identified |   |   |   |   |       |

# AIR MONITORING DATA AND CHAIN OF CUSTODY FORM



ASSOCIATES INC.

## PROJECT INFORMATION

Client: 9 Murphy2. Project Name: 5577 3/62a. Project Address: 9 Murphy

7. PCM (to micron MCE)

6. Abatement Location: 3 FLCassette Filter Manufacturer: Lot #

Lot #

8. ☐ TEM (to 45 micron MCE)Cassette Filter Manufacturer: Lot #

Lot #

9. Type: Abatementa. ☐ Backgroundb. ☐ Pre-Abatec. ☐ Abatementd. ☐ Post-Abatee. ☐ OSHA10. Date: 9/28/0111. Sample Location: 3 FL12a. Pump Number: 3 FL12b. OWA: 3 FL12c. Sample Coordinates: 3 FL

Field Blank

Field Blank

13a. Start

13b. End

13c. Total

14. Flow Rate (L/min.)

14a. Start

14b. End

14c. Avg

15. Total Air Vol. (liters)

16. Fibers/Fields Minus Blank

17. Fiber Conc: F/Min

18. Project Monitoring

19. Rotameter Number: SD 132

20. Environmental

21. Ambient

22. Other

23. Microscope Make/Serial #

24. Nikon Labophot 238913

25. Nikon Labophot 238917

26. Nikon Labophot 239079

Analysis Methodology

PCM - NIOSH 7400A

TEM - AHERA

NY-1 (10/1)

LAB INFORMATION: (ATC ELAP # 10878, ATC NVLAP # 1187)

22. Lab Name: ATC-TEM23. Date: 9/28/0124. Time: 10:40a. Analyzed By: DRY

b. QC By:

c. Lab Batch #:

28. Comments:

PINK - Lab

GOLDENROD - Field

25. ATC Project Manager: David ChenBeeper/Phone #s: 978-0121-0026. ATC Project Manager: David ChenBeeper/Phone #s: 978-0121-0027. Result To: David ChenBeeper/Phone #s: 978-0121-0028. Result To: David ChenBeeper/Phone #s: 978-0121-0029. Result To: David ChenBeeper/Phone #s: 978-0121-0030. Result To: David ChenBeeper/Phone #s: 978-0121-00

## DAILY AIR SAMPLE RECORD

| 10. Sample ID Number | 11. Pump Number | 12a. OWA | 12b. OWA | 12c. Sample Coordinates | 13a. Start | 13b. End | 13c. Total | 14. Flow Rate (L/min.) | 14a. Start | 14b. End | 14c. Avg | 15. Total Air Vol. (liters) | 16. Fibers/Fields Minus Blank | 17. Fiber Conc: F/Min |
|----------------------|-----------------|----------|----------|-------------------------|------------|----------|------------|------------------------|------------|----------|----------|-----------------------------|-------------------------------|-----------------------|
| 3-01                 |                 |          |          | Field Blank             |            |          |            |                        |            |          |          |                             |                               |                       |
| 3-02                 |                 |          |          | Field Blank             |            |          |            |                        |            |          |          |                             |                               |                       |
| 3-03                 |                 |          |          | West side               | 1218       | 1426     | 130        | 10                     | 10         | 10       | 10       | 1300                        |                               | < 14.8                |
| 3-04                 |                 |          |          | East side               | 1219       | 1429     | 130        | 10                     | 10         | 10       | 10       | 1300                        |                               | < 14.8                |
| 3-05                 |                 |          |          | North side              | 1220       | 1430     | 130        | 10                     | 10         | 10       | 10       | 1300                        |                               | < 14.8                |
| 3-06                 |                 |          |          | South side              | 1222       | 1432     | 130        | 10                     | 10         | 10       | 10       | 1300                        |                               | < 14.8                |
|                      |                 |          |          | Staircase               | 1225       | 1435     | 130        | 10                     | 10         | 10       | 10       | 1300                        |                               | < 14.8                |

## CHAIN OF CUSTODY

18. Requisitioned By: DRY19. Received By: DRY20. Date: 9/28/0121. Time: 21:0022. Result To: David ChenBeeper/Phone #s: 978-0121-0023. Result To: David ChenBeeper/Phone #s: 978-0121-0024. Result To: David ChenBeeper/Phone #s: 978-0121-0025. Result To: David ChenBeeper/Phone #s: 978-0121-0026. Result To: David ChenBeeper/Phone #s: 978-0121-00