



228 East 45th Street  
 70th Floor  
 New York, NY 10017  
 Tel: (212) 922-0589  
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# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN & PANZER ENGINEERS, P.C.

TURNAROUND TIME 24HRS

WKP FILE # 501-01

SAMPLE DATE 4/15/02

WKP LOG I.D. # N0204110, N0204111, N0204112

RECEIVED DATE 4/16/02

Contract #: WTC AR2

ANALYSIS DATE 4/16/02

REPORT DATE 4/16/02

CLIENT JOB: NYC Department of Environmental Protection

CLIENT JOB #: 1079.01.01

LOCATION: S.W. Area/ Site Map

ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400, NIOSH PAT Lab NO. 07186; NY

COLLECTION DEVICE: 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: J. Garcia, Festy Osemwgie, and Benny Giambrone

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                              | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|--------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01 001     | 27     | Gateway Plaza Park Area                                      | 675  | 6.40             | <0.004        |
| 002                | 31     | South End Ave. and Albany Street                             | 675  | 5.10             | <0.004        |
| 003                | 32     | West Street and Albany Place                                 | 675  | 0.00             | <0.004        |
| 004                | 33A    | Rector Place by the Park Place                               | 675  | 0.00             | <0.004        |
| 005                | 34     | W. Thames Street - Along Waterfront                          | 675  | 5.10             | <0.004        |
| 006                | 37     | West of Third Place                                          | 675  | 0.00             | <0.004        |
| 007                | 8      | West Street and Warren Street                                | 675  | 10.20            | 0.006         |
| 008                | 4      | River Terrace and Chambers Street                            | 675  | 0.00             | <0.004        |
| 009                | 6A     | River Terrace Park Area Between Park Place and Warren Street | 675  | 0.00             | <0.004        |
| 010                | 9      | River Terrace and Park Place West                            | 675  | 12.70            | 0.007         |
| 011                | 17     | River Terrace and Vesey                                      | 675  | 0.00             | <0.004        |
| 012                | 7      | Warren Street and North End Avenue                           | 675  | 6.40             | <0.004        |
| 013                | 10     | North End Avenue Park place West                             | 675  | 2.50             | <0.004        |
| 014                | 29     | Trinity Place and Thames Street                              | 675  | 11.50            | 0.007         |
| 015                | 21     | Fulton and Church Street                                     | 675  | 0.00             | <0.004        |
| 016                | 20A    | Vesey Street and West Broadway                               | 675  | 6.40             | <0.004        |
| 017                | 16     | Park place and Church Street                                 | 675  | 0.00             | <0.004        |
| 018                | 12     | Murray Street and Church Street                              | 675  | 5.10             | <0.004        |
| 019                | 15     | Park Place and Greenwich Street                              | 675  | 0.00             | <0.004        |
| 020                | 11     | Murray Street and Greenwich Street                           | 675  | 0.00             | <0.004        |
| 021                |        | Field Blank                                                  | -    | 0.00             | -             |
| 022                |        | Field Blank                                                  | -    | 0.00             | -             |

## NOTES:

1. 5.5 fibers/100 fields was used to ca
2. Samples were not collected by WKP Laboratories, Inc.
3. The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Chris Pepino

LABORATORY ANALYST

*Louise Labadie*

LABORATORY DIRECTOR

Apr-22-02 12:43P

212 949 1273

P.05



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New York, NY 10017  
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Fax: (212) 922-0630

# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN & PANZER ENGINEERS, P.C.  
WKP FILE #: 501-01  
WKP LOG I.D. #: N0204189, N0204190, and N0204191  
Contract #: WTC AR2

TURNAROUND TIME 24HRS  
SAMPLE DATE 4/21/2002  
RECEIVED DATE 4/21/2002  
ANALYSIS DATE 4/22/2002  
REPORT DATE 4/22/2002

CLIENT JOB: NYC Department of Environmental Protection  
CLIENT JOB #: 1079.01.01  
LOCATION: S.W. Area/ Site Map  
ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY  
COLLECTION DEVICE: 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: E. Dibra, West Entabur, and Festy Damwegie

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                                 | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|-----------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01         | 001    | 27 Gateway Plaza Park Area                                      | 675  | 0.00             | <0.004        |
|                    | 002    | 31 South End Ave. and Albany Street                             | 675  | 0.00             | <0.004        |
|                    | 003    | 32 West Street and Albany Place                                 | 675  | 0.00             | <0.004        |
|                    | 004    | 33A Rector Place by the Park Place                              | 675  | 0.00             | <0.004        |
|                    | 005    | 34 W. Thames Street - Along Waterfront                          | 675  | 0.00             | <0.004        |
|                    | 006    | 37 West of Third Place                                          | 675  | 0.00             | <0.004        |
|                    | 007    | 8 West Street and Warren Street                                 | 675  | 1.30             | <0.004        |
|                    | 008    | 4 River Terrace and Chambers Street                             | 675  | 1.30             | <0.004        |
|                    | 009    | 6A River Terrace Park Area Between Park Place and Warren Street | 675  | 5.10             | <0.004        |
|                    | 010    | 9 River Terrace and Park Place West                             | 675  | 0.00             | <0.004        |
|                    | 011    | 17 River Terrace and Vesey                                      | 675  | 2.50             | <0.004        |
|                    | 012    | 7 Warren Street and North End Avenue                            | 675  | 2.50             | <0.004        |
|                    | 013    | 10 North End Avenue Park place West                             | 675  | 3.80             | <0.004        |
|                    | 014    | 29 Trinity Place and Thames Street                              | 675  | 2.50             | <0.004        |
|                    | 015    | 21 Fulton and Church Street                                     | 675  | 0.00             | <0.004        |
|                    | 016    | 20A Vesey Street and West Broadway                              | 675  | 0.00             | <0.004        |
|                    | 017    | 16 Park place and Church Street                                 | 675  | 6.40             | 0.004         |
|                    | 018    | 12 Murray Street and Church Street                              | 675  | 3.80             | <0.004        |
|                    | 019    | 15 Park Place and Greenwich Street                              | 675  | 7.60             | 0.004         |
|                    | 020    | 11 Murray Street and Greenwich Street                           | 675  | 1.30             | <0.004        |
|                    | 021    | Field Blank                                                     | -    | 0.00             | -             |
|                    | 022    | Field Blank                                                     | -    | 0.00             | -             |

### NOTES:

1. 5.5 fibers/100 fields was used to ca
2. Samples were not collected by WKP Laboratories, Inc.
3. The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Chris Pepino

LABORATORY ANALYST

*Louis Lefebvre*

LABORATORY DIRECTOR



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Fax: (212) 922-0630

# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

|                    |                                                                                                                       |                 |         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------|---------|
| CLIENT:            | WARREN & PANZER ENGINEERS, P.C.                                                                                       | TURNAROUND TIME | 24HRS   |
| WKP FILE #         | 501-01                                                                                                                | SAMPLE DATE     | 4/20/02 |
| WKP LOG I.D. #     | N0204176, N0204177 and N0204178                                                                                       | RECEIVED DATE   | 4/20/02 |
| Contract #:        | WTC AR2                                                                                                               | ANALYSIS DATE   | 4/20/02 |
|                    |                                                                                                                       | REPORT DATE     | 4/21/02 |
| CLIENT JOB:        | NYC Department of Environmental Protection                                                                            |                 |         |
| CLIENT JOB #:      | 1079.01.01                                                                                                            |                 |         |
| LOCATION           | S.W. Area/ Site Map                                                                                                   |                 |         |
| ANALYSIS:          | AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY STATE ELAP Lab NO. 11251. |                 |         |
| COLLECTION DEVICE: | 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;<br>Field Area = 0.00785 sq mm.                                |                 |         |

SAMPLE WERE COLLECTED BY: Festy Osemwegie, West Erhason and E. Dibra

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                                 | VOLUME<br>(LITERS) | FIBERS/<br>sq mm | FIBERS/ cc |
|--------------------|--------|-----------------------------------------------------------------|--------------------|------------------|------------|
| 1079.01.01         |        |                                                                 |                    |                  |            |
|                    | 001    | 27 Gateway Plaza Park Area                                      | 675                | 0.00             | <0.004     |
|                    | 002    | 31 South End Ave. and Albany Street                             | 675                | 0.00             | <0.004     |
|                    | 003    | 32 West Street and Albany Place                                 | 675                | 0.00             | <0.004     |
|                    | 004    | 33A Rector Place by the Park Place                              | 675                | 0.00             | <0.004     |
|                    | 005    | 34 W. Thames Street - Along Waterfront                          | 675                | 0.00             | <0.004     |
|                    | 006    | 37 West of Third Place                                          | 675                | 0.00             | <0.004     |
|                    | 007    | 8 West Street and Warren Street                                 | 675                | 0.00             | <0.004     |
|                    | 008    | 4 River Terrace and Chambers Street                             | 675                | 0.00             | <0.004     |
|                    | 009    | 6A River Terrace Park Area Between Park Place and Warren Street | 675                | 0.00             | <0.004     |
|                    | 010    | 9 River Terrace and Park Place West                             | 675                | 0.00             | <0.004     |
|                    | 011    | 17 River Terrace and Vesey                                      | 675                | 0.00             | <0.004     |
|                    | 012    | 7 Warren Street and North End Avenue                            | 675                | 0.00             | <0.004     |
|                    | 013    | 10 North End Avenue Park place West                             | 675                | 0.00             | <0.004     |
|                    | 014    | 29 Trinity Place and Thames Street                              | 675                | 6.40             | 0.004      |
|                    | 015    | 21 Fulton and Church Street                                     | 675                | 0.00             | <0.004     |
|                    | 016    | 20A Vesey Street and West Broadway                              | 675                | 0.00             | <0.004     |
|                    | 017    | 16 Park place and Church Street                                 | 675                | 5.10             | <0.004     |
|                    | 018    | 12 Murray Street and Church Street                              | 675                | 0.00             | <0.004     |
|                    | 019    | 15 Park Place and Greenwich Street                              | 675                | 0.06             | <0.004     |
|                    | 020    | 11 Murray Street and Greenwich Street                           | 675                | 0.00             | <0.004     |
|                    | 021    | Field Blank                                                     | -                  | 0.00             | -          |
|                    | 022    | Field Blank                                                     | -                  | 0.00             | -          |

NOTES:

- 5.5 fibers/100 fields was used to calculate the limit of detection (LOD). Results below the LOD have no statistical validity.
- Samples were not collected by WKP Laboratories, Inc.
- 
- PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Chris Pepino  
LABORATORY ANALYST

Louis Lombardi  
LABORATORY DIRECTOR

Apr-23-02 10:26A

212 949 1273

P.02



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# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN &amp; PANZER ENGINEERS, P.C.

TURNAROUND TIME 24HRS

WKP FILE # 501-01

SAMPLE DATE 4/22/2002

WKP LOG I.D. # N0204192, N0204193, and N0204194

RECEIVED DATE 4/23/2002

Contract #: WTC AR2

ANALYSIS DATE 4/23/2002

REPORT DATE 4/23/2002

CLIENT JOB: NYC Department of Environmental Protection

CLIENT JOB #: 1079.01.01

LOCATION S.W. Area/ Site Map

ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400, NIOSH PAT Lab NO. 07186; NY

COLLECTION DEVICE 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: Benny Giambone, J. Garcia and Festy Oemwegie

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                              | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|--------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01 001     | 27     | Gateway Plaza Park Area                                      | 675  | 0.00             | <0.004        |
| 002                | 31     | South End Ave. and Albany Street                             | 675  | 0.00             | <0.004        |
| 003                | 32     | West Street and Albany Place                                 | 675  | 0.00             | <0.004        |
| 004                | 33A    | Rector Place by the Park Place                               | 675  | 3.80             | <0.004        |
| 005                | 34     | W. Thames Street - Along Waterfront                          | 675  | 0.00             | <0.004        |
| 006                | 37     | West of Third Place                                          | 675  | 0.00             | <0.004        |
| 007                | 8      | West Street and Warren Street                                | 675  | 2.50             | <0.004        |
| 008                | 4      | River Terrace and Chambers Street                            | 675  | 3.80             | <0.004        |
| 009                | 8A     | River Terrace Park Area Between Park Place and Warren Street | 675  | 0.00             | <0.004        |
| 010                | 9      | River Terrace and Park Place West                            | 675  | 3.80             | <0.004        |
| 011                | 17     | River Terrace and Vesey                                      | 675  | 0.00             | <0.004        |
| 012                | 7      | Warren Street and North End Avenue                           | 675  | 0.00             | <0.004        |
| 013                | 10     | North End Avenue Park place West                             | 675  | 0.00             | <0.004        |
| 014                | 29     | Trinity Place and Thames Street                              | 675  | 0.00             | <0.004        |
| 015                | 21     | Fulton and Church Street                                     | 675  | 0.00             | <0.004        |
| 016                | 20A    | Vesey Street and West Broadway                               | 675  | 0.00             | <0.004        |
| 017                | 16     | Park place and Church Street                                 | 675  | 0.00             | <0.004        |
| 018                | 12     | Murray Street and Church Street                              | 675  | 12.70            | 0.007         |
| 019                | 15     | Park Place and Greenwich Street                              | 675  | 0.00             | <0.004        |
| 020                | 11     | Murray Street and Greenwich Street                           | 675  | 0.00             | <0.004        |
| 021                |        | Field Blank                                                  | -    | 0.00             | -             |
| 022                |        | Field Blank                                                  | -    | 0.00             | -             |

- NOTES:
- 5.5 fibers/100 fields was used to calculate the limit of detection (LOD). Results below the LOD have no statistical validity.
  - Samples were not collected by WKP Laboratories, Inc.
  - The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
  - PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Chris Pepino

LABORATORY ANALYST

LABORATORY DIRECTOR



# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

|                    |                                                                                                                       |                 |         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------|---------|
| CLIENT:            | WARREN & PANZER ENGINEERS, P.C.                                                                                       | TURNAROUND TIME | 24HRS   |
| WKP FILE #         | 501-01                                                                                                                | SAMPLE DATE     | 4/19/02 |
| WKP LOG I.D. #     | N0204166, N0204167 and N0204168                                                                                       | RECEIVED DATE   | 4/19/02 |
| Contract #:        | WTC AR2                                                                                                               | ANALYSIS DATE   | 4/19/02 |
|                    |                                                                                                                       | REPORT DATE     | 4/20/02 |
| CLIENT JOB:        | NYC Department of Environmental Protection                                                                            |                 |         |
| CLIENT JOB #:      | 1079.01.01                                                                                                            |                 |         |
| LOCATION           | S.W. Area/ Site Map                                                                                                   |                 |         |
| ANALYSIS:          | AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY STATE ELAP Lab NO. 11251. |                 |         |
| COLLECTION DEVICE: | 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;<br>Field Area = 0.00785 sq mm.                                |                 |         |

SAMPLE WERE COLLECTED BY: Festy Osemwegie, Jeseron Garcia and Benny Giambone

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                                 | VOLUME<br>(LITERS) | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|-----------------------------------------------------------------|--------------------|------------------|---------------|
| 1079.01.01         |        |                                                                 |                    |                  |               |
|                    | 001    | 27 Gateway Plaza Park Area                                      | 675                | 0.0              | <0.004        |
|                    | 002    | 31 South End Ave. and Albany Street                             | 675                | 0.0              | <0.004        |
|                    | 003    | 32 West Street and Albany Place                                 | 675                | 0.0              | <0.004        |
|                    | 004    | 33A Rector Place by the Park Place                              | 675                | 0.0              | <0.004        |
|                    | 005    | 34 W. Thames Street - Along Waterfront                          | 675                | 0.0              | <0.004        |
|                    | 006    | 37 West of Third Place                                          | 675                | 0.0              | <0.004        |
|                    | 007    | 8 West Street and Warren Street                                 | 675                | 0.0              | <0.004        |
|                    | 008    | 4 River Terrace and Chambers Street                             | 675                | 0.0              | <0.004        |
|                    | 009    | 6A River Terrace Park Area Between Park Place and Warren Street | 675                | 0.0              | <0.004        |
|                    | 010    | 9 River Terrace and Park Place West                             | 675                | 0.0              | <0.004        |
|                    | 011    | 17 River Terrace and Vesey                                      | 675                | 0.0              | <0.004        |
|                    | 012    | 7 Warren Street and North End Avenue                            | 675                | 0.0              | <0.004        |
|                    | 013    | 10 North End Avenue Park place West                             | 675                | 0.0              | <0.004        |
|                    | 014    | 29 Trinity Place and Thames Street                              | 675                | 10.2             | 0.006         |
|                    | 015    | 21 Fulton and Church Street                                     | 675                | 9.6              | 0.005         |
|                    | 016    | 20A Vesey Street and West Broadway                              | 675                | 6.4              | 0.004         |
|                    | 017    | 16 Park place and Church Street                                 | 675                | 12.7             | 0.007         |
|                    | 018    | 12 Murray Street and Church Street                              | 675                | 2.5              | <0.004        |
|                    | 019    | 15 Park Place and Greenwich Street                              | 675                | 0.0              | <0.004        |
|                    | 020    | 11 Murray Street and Greenwich Street                           | 675                | 3.2              | <0.004        |
|                    | 021    | Field Blank                                                     | -                  | 0.0              | -             |
|                    | 022    | Field Blank                                                     | -                  | 0.0              | -             |

NOTES:

1. 5.5 fibers/100 fields was used to calculate the limit of detection (LOD). Results below the LOD have no statistical validity.
2. Samples were not collected by WKP Laboratories, Inc.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Chris Pepino  
LABORATORY ANALYST

Louis Lombardi  
LABORATORY DIRECTOR



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Fax: (212) 922-0630

# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN & PANZER ENGINEERS, P.C.

TURNAROUND TIME 24HRS

WKP FILE # 501-01

SAMPLE DATE 4/28/2002

WKP LOG I.D. # N0204227, N0204228, and N0204229

RECEIVED DATE 4/28/2002

Contract #: WTC AR2

ANALYSIS DATE 4/29/2002

REPORT DATE 4/29/2002

CLIENT JOB: NYC Department of Environmental Protection

CLIENT JOB #: 1079.01.01

LOCATION S.W. Area/ Site Map

ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY

COLLECTION DEVICE: 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: Festy Osemwegie, West Erhabor, and E. Dibra

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                              | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|--------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01 001     | 27     | Gateway Plaza Park Area                                      | 675  | 0.00             | <0.004        |
| 002                | 31     | South End Ave. and Albany Street                             | 675  | 0.00             | <0.004        |
| 003                | 32     | West Street and Albany Place                                 | 675  | 0.00             | <0.004        |
| 004                | 33A    | Rector Place by the Park Place                               | 675  | 0.00             | <0.004        |
| 005                | 34     | W. Thames Street - Along Waterfront                          | 675  | 0.00             | <0.004        |
| 006                | 37     | West of Third Place                                          | 675  | 0.00             | <0.004        |
| 007                | 8      | West Street and Warren Street                                | 675  | 0.00             | <0.004        |
| 008                | 4      | River Terrace and Chambers Street                            | 675  | 0.00             | <0.004        |
| 009                | 6A     | River Terrace Park Area Between Park Place and Warren Street | 675  | 1.90             | <0.004        |
| 010                | 9      | River Terrace and Park Place West                            | 675  | 0.00             | <0.004        |
| 011                | 17     | River Terrace and Vesey                                      | 675  | 0.00             | <0.004        |
| 012                | 7      | Warren Street and North End Avenue                           | 675  | 1.30             | <0.004        |
| 013                | 10     | North End Avenue Park place West                             | 675  | 0.00             | <0.004        |
| 014                | 29     | Trinity Place and Thames Street                              | 675  | 0.00             | <0.004        |
| 015                | 21     | Fulton and Church Street                                     | 675  | 0.00             | <0.004        |
| 016                | 20A    | Vesey Street and West Broadway                               | 675  | 0.00             | <0.004        |
| 017                | 16     | Park place and Church Street                                 | 675  | 0.00             | <0.004        |
| 018                | 12     | Murray Street and Church Street                              | 675  | 0.00             | <0.004        |
| 019                | 15     | Park Place and Greenwich Street                              | 675  | 0.00             | <0.004        |
| 020                | 11     | Murray Street and Greenwich Street                           | 675  | 0.00             | <0.004        |
| 021                |        | Field Blank                                                  | -    | 0.00             | -             |
| 022                |        | Field Blank                                                  | -    | 0.00             | -             |

## NOTES:

1. 5.5 fibers/100 fields was used
2. Samples were not collected by WKP Laboratories, Inc.
3. The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Louis Lombardi

LABORATORY ANALYST

*Louis Lombardi*

LABORATORY DIRECTOR


 LABORATORIES, INC

 AIR SAMPLE ANALYSIS REPORT  
 PHASE CONTRAST MICROSCOPY

CLIENT: WARREN &amp; PANZER ENGINEERS, P.C.

TURNAROUND TIME 24HRS

WKP FILE # 501-01

SAMPLE DATE 4/25/2002

WKP LOG I.D. # N0204210, N0204211, and N0204212

RECEIVED DATE 4/25/2002

Contract #: WTC AR2

ANALYSIS DATE 4/26/2002

REPORT DATE 4/26/2002

CLIENT JOB: NYC Department of Environmental Protection

CLIENT JOB #: 1079.01.01

LOCATION S.W. Area/ Site Map

ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY

COLLECTION DEVICE: 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: Benny Giambone, J. Garcia, and E. Dibra

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                              | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|--------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01 001     | 27     | Gateway Plaza Park Area                                      | 675  | 1.30             | <0.004        |
| 002                | 31     | South End Ave. and Albany Street                             | 675  | 0.00             | <0.004        |
| 003                | 32     | West Street and Albany Place                                 | 675  | 5.10             | <0.004        |
| 004                | 33A    | Rector Place by the Park Place                               | 675  | 0.00             | <0.004        |
| 005                | 34     | W. Thames Street - Along Waterfront                          | 675  | 0.00             | <0.004        |
| 006                | 37     | West of Third Place                                          | 675  | 0.00             | <0.004        |
| 007                | 8      | West Street and Warren Street                                | 675  | 0.00             | <0.004        |
| 008                | 4      | River Terrace and Chambers Street                            | 675  | 0.00             | <0.004        |
| 009                | 6A     | River Terrace Park Area Between Park Place and Warren Street | 675  | 0.00             | <0.004        |
| 010                | 9      | River Terrace and Park Place West                            | 675  | 0.00             | <0.004        |
| 011                | 17     | River Terrace and Vesey                                      | 675  | 0.00             | <0.004        |
| 012                | 7      | Warren Street and North End Avenue                           | 675  | 0.00             | <0.004        |
| 013                | 10     | North End Avenue Park place West                             | 675  | 0.00             | <0.004        |
| 014                | 29     | Trinity Place and Thames Street                              | 675  | 0.00             | <0.004        |
| 015                | 21     | Fulton and Church Street                                     | 675  | 3.20             | <0.004        |
| 016                | 20A    | Vesey Street and West Broadway                               | 675  | 0.00             | <0.004        |
| 017                | 16     | Park place and Church Street                                 | 675  | 0.00             | <0.004        |
| 018                | 12     | Murray Street and Church Street                              | 675  | 0.00             | <0.004        |
| 019                | 15     | Park Place and Greenwich Street                              | 675  | 0.00             | <0.004        |
| 020                | 11     | Murray Street and Greenwich Street                           | 675  | 1.30             | <0.004        |
| 021                |        | Field Blank                                                  | -    | 0.00             | -             |
| 022                |        | Field Blank                                                  | -    | 0.00             | -             |

## NOTES:

1. 5.5 fibers/100 fields was used
2. Samples were not collected by WKP Laboratories, Inc.
3. The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

 Louis Lombardi  
 \_\_\_\_\_

LABORATORY ANALYST

 \_\_\_\_\_  
 LABORATORY DIRECTOR

FROM : L+D LOMBARDI

FAX NO. : 1-631-205-9268

Apr. 28 2002 11:04AM P5



226 East 45th Street  
10th Floor  
New York, NY 10017  
Tel: (212) 922-0689  
Fax: (212) 922-0630

# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN &amp; PANZER ENGINEERS, P.C.

TURNAROUND TIME 24HR8

WKP FILE # 501-01

SAMPLE DATE 4/27/02

WKP LOG I.D. # N020420, N020421, N020422

RECEIVED DATE 4/27/02

Contract #: WTC AR2

ANALYSIS DATE 4/27/02

REPORT DATE 4/28/02

CLIENT JOB: NYC Department of Environmental Protection

CLIENT JOB #: 1079.01.01

LOCATION S.W. Area/ Site Map

ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400, NIOSH PAT Lab NO. 07186; NY

COLLECTION DEVICE 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: Warren and Panzer Engineers, P.C.

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                              | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|--------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01 001     | 27     | Gateway Plaza Park Area                                      | 675  | 0.00             | <0.004        |
| 002                | 31     | South End Ave. and Albany Street                             | 675  | 0.00             | <0.004        |
| 003                | 32     | West Street and Albany Place                                 | 675  | 0.00             | <0.004        |
| 004                | 33A    | Rector Place by the Park Place                               | 675  | 0.00             | <0.004        |
| 005                | 34     | W. Thames Street - Along Waterfront                          | 675  | 0.00             | <0.004        |
| 006                | 37     | West of Third Place                                          | 675  | 0.00             | <0.004        |
| 007                | 8      | West Street and Warren Street                                | 675  | 0.00             | <0.004        |
| 008                | 4      | River Terrace and Chambers Street                            | 675  | 0.00             | <0.004        |
| 009                | 6A     | River Terrace Park Area Between Park Place and Warren Street | 675  | 0.00             | <0.004        |
| 010                | 9      | River Terrace and Park Place West                            | 675  | 0.00             | <0.004        |
| 011                | 17     | River Terrace and Vesey                                      | 675  | 0.00             | <0.004        |
| 012                | 7      | Warren Street and North End Avenue                           | 675  | 5.10             | <0.004        |
| 013                | 10     | North End Avenue Park place West                             | 675  | 0.00             | <0.004        |
| 014                | 29     | Trinity Place and Thames Street                              | 675  | 0.00             | <0.004        |
| 015                | 21     | Fulton and Church Street                                     | 675  | 0.00             | <0.004        |
| 016                | 20A    | Vesey Street and West Broadway                               | 675  | 0.00             | <0.004        |
| 017                | 16     | Park place and Church Street                                 | 675  | 0.00             | <0.004        |
| 018                | 12     | Murray Street and Church Street                              | 675  | 0.00             | <0.004        |
| 019                | 15     | Park Place and Greenwich Street                              | 675  | 0.00             | <0.004        |
| 020                | 11     | Murray Street and Greenwich Street                           | 675  | 0.00             | <0.004        |
| 021                |        | Field Blank                                                  | -    | 0.00             | -             |
| 022                |        | Field Blank                                                  | -    | 0.00             | -             |

### NOTES:

- 5.5 fibers/100 fields was used to calculate the limit of detection (LOD). Results below the LOD have no statistical validity.
- Samples were not collected by WKP Laboratories, Inc.
- The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
- PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Chris Pepino

LABORATORY ANALYST

Louis Lombardi

LABORATORY DIRECTOR



228 East 45th Street  
New York, NY 10017  
Tel: (212) 922-0077

**FACSIMILE COVER SHEET**

DATE: 4/25/02

SENDER: Loan

FACSIMILE PHONE NUMBER: (212) 922-0630

RECEIVER: Barbara Laffo

COMPANY NAME: \_\_\_\_\_

FACSIMILE NUMBER: 718-595-3744

NUMBER OF PAGES (INCLUDING COVER SHEET): 5

NOTES: PC m results for 4/25/02

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE NOTIFY THE SENDER IMMEDIATELY AT (212) 922-0077.

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10th Floor  
New York, NY 10017  
Tel: (212) 922-8689  
Fax: (212) 922-8630

# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN & PANZER ENGINEERS, P.C.  
WKP FILE # 501-01  
WKP LOG I.D. # N0204210, N0204211, and N0204212  
Contract #: WTC AR2

TURNAROUND TIME 24HRS  
SAMPLE DATE 4/25/2002  
RECEIVED DATE 4/25/2002  
ANALYSIS DATE 4/28/2002  
REPORT DATE 4/28/2002

CLIENT JOB: NYC Department of Environmental Protection  
CLIENT JOB #: 1079.01.01  
LOCATION S.W. Area/ Site Map  
ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY  
COLLECTION DEVICE: 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: Benny Glambone, J. Garcia, and E. Dibra

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                              | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|--------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01 001     | 27     | Gateway Plaza Park Area                                      | 675  | 1.30             | <0.004        |
| 002                | 31     | South End Ave. and Albany Street                             | 675  | 0.00             | <0.004        |
| 003                | 32     | West Street and Albany Place                                 | 675  | 5.10             | <0.004        |
| 004                | 33A    | Rector Place by the Park Place                               | 675  | 0.00             | <0.004        |
| 005                | 34     | W. Thames Street - Along Waterfront                          | 675  | 0.00             | <0.004        |
| 006                | 37     | West of Third Place                                          | 675  | 0.00             | <0.004        |
| 007                | 8      | West Street and Warren Street                                | 675  | 0.00             | <0.004        |
| 008                | 4      | River Terrace and Chambers Street                            | 675  | 0.00             | <0.004        |
| 009                | 8A     | River Terrace Park Area Between Park Place and Warren Street | 675  | 0.00             | <0.004        |
| 010                | 9      | River Terrace and Park Place West                            | 675  | 0.00             | <0.004        |
| 011                | 17     | River Terrace and Vesey                                      | 675  | 0.00             | <0.004        |
| 012                | 7      | Warren Street and North End Avenue                           | 675  | 0.00             | <0.004        |
| 013                | 10     | North End Avenue Park place West                             | 675  | 0.00             | <0.004        |
| 014                | 29     | Trinity Place and Thames Street                              | 675  | 0.00             | <0.004        |
| 015                | 21     | Fulton and Church Street                                     | 675  | 3.20             | <0.004        |
| 016                | 20A    | Vesey Street and West Broadway                               | 675  | 0.00             | <0.004        |
| 017                | 18     | Park place and Church Street                                 | 675  | 0.00             | <0.004        |
| 018                | 12     | Murray Street and Church Street                              | 675  | 0.00             | <0.004        |
| 019                | 15     | Park Place and Greenwich Street                              | 675  | 0.00             | <0.004        |
| 020                | 11     | Murray Street and Greenwich Street                           | 675  | 1.30             | <0.004        |
| 021                |        | Field Blank                                                  | -    | 0.00             | -             |
| 022                |        | Field Blank                                                  | -    | 0.00             | -             |

- NOTES:
1. 5.5 fibers/100 fields was used
  2. Samples were not collected by WKP Laboratories, Inc.
  3. The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
  4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Louis Lombardi

LABORATORY ANALYST

*Louis Lombardi*

LABORATORY DIRECTOR



228 East 45th Street  
New York, NY 10017  
Tel: (212) 922-0077

**FACSIMILE COVER SHEET**

DATE: 4/25/02

SENDER: Lon Lombardi

FACSIMILE PHONE NUMBER: (212) 922-0630

RECEIVER: Barbara Raffo

COMPANY NAME: \_\_\_\_\_

FACSIMILE NUMBER: 718-595-3744

NUMBER OF PAGES (INCLUDING COVER SHEET): 5

NOTES: PCm results for 4/24/02

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\_\_\_\_\_  
\_\_\_\_\_

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THE SENDER IMMEDIATELY AT (212) 922-0077.

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 LABORATORIES, INC

# AIR SAMPLE ANALYSIS REPORT PHASE CONTRAST MICROSCOPY

CLIENT: WARREN & PANZER ENGINEERS, P.C.  
 WKP FILE # 501-01  
 WKP LOG I.D. # N0204198, N0204199, and N0204200  
 Contract #: WTC AR2

TURNAROUND TIME 24HRS  
 SAMPLE DATE 4/23/02  
 RECEIVED DATE 4/23/02  
 ANALYSIS DATE 4/23/02  
 REPORT DATE 4/24/02

CLIENT JOB: NYC Department of Environmental Protection  
 CLIENT JOB #: 1079.01.01  
 LOCATION S.W. Area/ Site Map  
 ANALYSIS: AIRBORNE FIBER COUNTING, PHASE CONTRAST MICROSCOPY, NIOSH 7400. NIOSH PAT Lab NO. 07186; NY  
 COLLECTION DEVICE: 25 mm MCE Filter Cassette; Collection Area = 385 sq mm;

SAMPLE WERE COLLECTED BY: Benny Giambone, J. Garcia, and Edman Dibra

## SUMMARY OF ANALYSIS

| CLIENT<br>SAMPLE # | Site # | SAMPLE LOCATION                                              | Vol. | FIBERS/<br>sq mm | FIBERS/<br>cc |
|--------------------|--------|--------------------------------------------------------------|------|------------------|---------------|
| 1079.01.01 001     | 27     | Gateway Plaza Park Area                                      | 675  | 0.00             | <0.004        |
| 002                | 31     | South End Ave. and Albany Street                             | 675  | 0.00             | <0.004        |
| 003                | 32     | West Street and Albany Place                                 | 675  | 0.60             | <0.004        |
| 004                | 33A    | Rector Place by the Park Place                               | 675  | 0.00             | <0.004        |
| 005                | 34     | W. Thames Street - Along Waterfront                          | 675  | 0.00             | <0.004        |
| 006                | 37     | West of Third Place                                          | 675  | 0.60             | <0.004        |
| 007                | 8      | West Street and Warren Street                                | 675  | 1.30             | <0.004        |
| 008                | 4      | River Terrace and Chambers Street                            | 675  | 0.00             | <0.004        |
| 009                | 6A     | River Terrace Park Area Between Park Place and Warren Street | 675  | 0.60             | <0.004        |
| 010                | 9      | River Terrace and Park Place West                            | 675  | 0.00             | <0.004        |
| 011                | 17     | River Terrace and Vesey                                      | 675  | 0.00             | <0.004        |
| 012                | 7      | Warren Street and North End Avenue                           | 675  | 0.00             | <0.004        |
| 013                | 10     | North End Avenue Park place West                             | 675  | 0.00             | <0.004        |
| 014                | 29     | Trinity Place and Thames Street                              | 675  | 1.30             | <0.004        |
| 015                | 21     | Fulton and Church Street                                     | 675  | 0.60             | <0.004        |
| 016                | 20A    | Vesey Street and West Broadway                               | 675  | 2.50             | <0.004        |
| 017                | 16     | Park place and Church Street                                 | 675  | 0.00             | <0.004        |
| 018                | 12     | Murray Street and Church Street                              | 675  | 0.00             | <0.004        |
| 019                | 15     | Park Place and Greenwich Street                              | 675  | 0.00             | <0.004        |
| 020                | 11     | Murray Street and Greenwich Street                           | 675  | 0.60             | <0.004        |
| 021                |        | Field Blank                                                  | -    | 0.00             | -             |
| 022                |        | Field Blank                                                  | -    | 0.00             | -             |

- NOTES:
1. 5.5 fibers/100 fields was used to ca
  2. Samples were not collected by WKP Laboratories, Inc.
  3. The Federal EPA Clearance Critical following an asbestos abatement project is 0.010 fibers/cc.
  4. PCM air samples will be disposed of after 3 months unless otherwise directed by client in writing.

Chris Pepino

LABORATORY ANALYST

LABORATORY DIRECTOR