NYC 9/11 Public Portal Document

TRC
Customer-Focused Solutions

1430 Broadway, 10th Fl. New York, New York 10018
Phone: (212) 221-7822 - Fax: (212) 221-7840

**Airborne Asbestos Fiber Analysis**
**by Transmission Electron Microscopy**

| | | | |
|---|---|---|---|
| Client | Lower Manhattan Development Corporation | Job Number | 46600-0000-00001 |
| Address | One Liberty Plaza, 20th Floor | Date Received | 2/23/2005 |
| | New York, NY 10006 | Date Analyzed | 2/23/2005 |
| Collected By | K.DaRocha/ N. Agahan | Job Location | 130 Liberty Street |
| Collected | 02/23/2005 | | |
| Rotometer | Standard | | |

| Lab ID / Field ID | Sample Location | Start/ Stop | Flow | Volume (liters) | Asbestos Type(s) | Asbestos Structures ≥ .5mm <5mm | Asbestos Structures ≥ 5mm | Non-Asbestos | Analytical Sensitivity (AS/cc) | Asbestos Concentration (AS/cc) | Asbestos Concentration (AS/mm2) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 030504716-0001 | WASHINGTON STREET/ ALBANY STREET | 00:02 08:01 | 4 | 1916 | None Detected | 0 | 0 | 5 | 0.0042 | <0.0042 | <21.00 |
| T-022305-512 | | | | | | | | | | | |
| 030504716-0002 | ALBANY STREET/ GREENWICH STREET | 00:07 08:03 | 3.9 | 1856 | None Detected | 0 | 0 | 3 | 0.0043 | <0.0043 | <21.00 |
| T-022305-513 | | | | | | | | | | | |
| 030504716-0003 | GREENWICH STREET | 00:10 08:06 | 4 | 1904 | None Detected | 0 | 0 | 2 | 0.0042 | <0.0042 | <21.00 |
| T-022305-514 | | | | | | | | | | | |
| 030504716-0004 | GREENWICH STREET/ LIBERTY STREET | 00:13 08:10 | 4 | 1908 | None Detected | 0 | 0 | 3 | 0.0042 | <0.0042 | <21.00 |
| T-022305-515 | | | | | | | | | | | |
| 030504716-0005 | WASHINGTON STREET/ CEDAR STREET | 00:16 08:13 | 4 | 1908 | None Detected | 0 | 0 | 1 | 0.0042 | <0.0042 | <21.00 |
| T-022305-516 | | | | | | | | | | | |

Samples analyzed by EMSL Analytical, Inc.; NY ELAP ID# 10872 and 11506



CITY_DEP_WORBY_CANNATA_SUBP_000076778

NYC-WTC_000424830

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| | New York, NY 10006 | Date Analyzed | 2/23/2005 |
| Collected By | N. Agahan/ K.DaRocha | Date Analyzed | 130 Liberty Street |
| Collected | 02/23/2005 | | |
| Rotometer | Standard | | |

| Lab ID / Field ID | Sample Location | Start/ Stop | Flow | Volume (liters) | Asbestos Type(s) | Asbestos Structures ≥ .5mm <5mm | Asbestos Structures ≥ 5mm | Non-Asbestos | Analytical Sensitivity (AS/cc) | Asbestos Concentration (AS/cc) | Asbestos Concentration (AS/mm2) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 030504719-0001<br>T-022305-518 | WASHINGTON STREET/ ALBANY STREET | 08:01<br>16:03 | 4 | 1928 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030504719-0002<br>T-022305-519 | ALBANY STREET/ GREENWICH STREET | 08:03<br>16:06 | 4 | 1932 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030504719-0003<br>T-022305-520 | GREENWICH STREET | 08:07<br>16:09 | 4 | 1928 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030504719-0004<br>T-022305-521 | GREENWICH STREET/ LIBERTY STREET | 08:11<br>16:12 | 4 | 1924 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030504719-0005<br>T-022305-522 | WASHINGTON STREET/ CEDAR STREET | 08:14<br>16:15 | 3.95 | 1900 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |

Samples analyzed by EMSL Analytical, Inc.; NY ELAP ID# 10872 and 11506



CITY_DEP_WORBY_CANNATA_SUBP_000076779

NYC-WTC_000424831

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**Airborne Asbestos Fiber Analysis**
**by Transmission Electron Microscopy**

| | | | |
|---|---|---|---|
| Client | Lower Manhattan Development Corporation | Job Number | 46600-0000-00001 |
| Address | One Liberty Plaza, 20th Floor | Date Received | 02/24/2005 |
| | New York, NY 10006 | Date Analyzed | 02/24/2005 |
| Collected By | K.DaRocha | Date Analyzed | 130 Liberty Street |
| Collected | 02/23/2005 | | |
| Rotometer | Standard | | |

| Lab ID / Field ID | Sample Location | Start/ Stop | Flow | Volume (liters) | Asbestos Type(s) | Asbestos Structures ≥ .5mm <5mm | Asbestos Structures ≥ 5mm | Non-Asbestos | Analytical Sensitivity (AS/cc) | Asbestos Concentration (AS/cc) | Asbestos Concentration (AS/mm2) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 030504890-0001<br>T-022305-524 | WASHINGTON STREET/ ALBANY STREET | 16:03<br>00:02 | 3.95 | 1892.1 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030504890-0002<br>T-022305-525 | ALBANY STREET/ GREENWICH STREET | 16:06<br>00:05 | 4 | 1916 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030504890-0003<br>T-022305-526 | GREENWICH STREET | 16:09<br>00:08 | 4 | 1916 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030504890-0004<br>T-022305-527 | GREENWICH STREET/ LIBERTY STREET | 16:12<br>00:11 | 3.9 | 1868.1 | None Detected | 0 | 0 | 0 | 0.0043 | <0.0043 | <21.00 |
| 030504890-0005<br>T-022305-528 | WASHINGTON STREET/ CEDAR STREET | 16:15<br>00:14 | 4 | 1916 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |

Samples analyzed by EMSL Analytical, Inc.; NY ELAP ID# 10872 and 11506



CITY_DEP_WORBY_CANNATA_SUBP_000076780

NYC-WTC_000424832