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 | 6/5/2005 |
| | New York, NY 10006 | Date Analyzed | 6/7/2005 |
| Collected By | O. Kuepper/A. Dvorkin | Job Location | 130 Liberty Street |
| Collected | 06/05/2005 | | |
| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 030515343-0001 | WASHINGTON STREET/ ALBANY STREET | 00:02 08:00 | 4 | 1912 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| T-060505-2348 | | | | | | | | | | | |
| 030515343-0002 | ALBANY STREET/ GREENWICH STREET | 00:05 08:02 | 4 | 1908 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| T-060505-2349 | | | | | | | | | | | |
| 030515343-0003 | GREENWICH STREET | 00:07 08:04 | 4 | 1908 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| T-060505-2350 | | | | | | | | | | | |
| 030515343-0004 | GREENWICH STREET/ LIBERTY STREET | 00:10 08:06 | 4.05 | 1928 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| T-060505-2351 | | | | | | | | | | | |
| 030515343-0005 | WASHINGTON STREET/ CEDAR STREET | 00:13 08:03 | 4.05 | 1904 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| T-060505-2352 | | | | | | | | | | | |

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



CITY_DEP_WORBY_CANNATA_SUBP_000057405

NYC-WTC_000422967

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| Collected By | O. Kuepper | Date Analyzed | 130 Liberty Street |
| Collected | 06/05/2005 | | |
| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 030515344-0001<br>T-060505-2354 | WASHINGTON STREET/ ALBANY STREET | 08:01<br>16:00 | 4.05 | 1940 | None Detected | 0 | 0 | 0 | 0.0041 | <0.0041 | <21.00 |
| 030515344-0002<br>T-060505-2355 | ALBANY STREET/ GREENWICH STREET | 08:02<br>16:04 | 3.95 | 1904 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030515344-0003<br>T-060505-2356 | GREENWICH STREET | 08:05<br>16:09 | 3.95 | 1912 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030515344-0004<br>T-060505-2357 | GREENWICH STREET/ LIBERTY STREET | 08:07<br>16:13 | 4.05 | 1968 | None Detected | 0 | 0 | 0 | 0.0041 | <0.0041 | <21.00 |
| 030515344-0005<br>T-060505-2358 | WASHINGTON STREET/ CEDAR STREET | 08:09<br>16:17 | 4.05 | 1976 | None Detected | 0 | 0 | 0 | 0.0041 | <0.0041 | <21.00 |

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



CITY_DEP_WORBY_CANNATA_SUBP_000057406

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|---|---|---|---|
| Client | Lower Manhattan Development Corporation | Job Number | 46600-0000-00001 |
| Address | One Liberty Plaza, 20th Floor | Date Received | 06/06/2005 |
| | New York, NY 10006 | Date Analyzed | 06/07/2005 |
| Collected By | O.Kuepper/A. Dvorkin | Date Analyzed | 130 Liberty Street |
| Collected | 06/05/2005 | | |
| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 030515454-0001 T-060505-2360 | WASHINGTON STREET/ ALBANY STREET | 16:01 00:02 | 4 | 1924 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030515454-0002 T-060505-2361 | ALBANY STREET/ GREENWICH STREET | 16:05 00:05 | 4 | 1920 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030515454-0003 T-060505-2362 | GREENWICH STREET | 16:10 00:08 | 4 | 1912 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030515454-0004 T-060505-2363 | GREENWICH STREET/ LIBERTY STREET | 16:14 00:12 | 4 | 1912 | None Detected | 0 | 0 | 0 | 0.0042 | <0.0042 | <21.00 |
| 030515454-0005 T-060505-2364 | WASHINGTON STREET/ CEDAR STREET | 16:18 00:15 | 4 | 1908 | 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_000057407

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