NYC 9/11 Public Portal Document

**NYC Emergency Response**
**Asbestos Air Sampling Results NYC ER/NJ DEP**

| Date | | Sampling | Sample | | PCM by NIOSH 7400 | | TEM by NIOSH 7402 | | TEM ( AHERA) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampled | Sample No. | Location | Volume | Matrix | f/mm$^2$ | f/cc | AF/NAF | Adjusted | <5µ | >5µ | S/mm$^2$ | S~f/cc* |
| | | | | | | | | TEM f/cc | S (#) | | | |
| 9/28/2001 | 01966 | Liberty Park | 480 | Air | <7.0 | <0.006 | 0/0 | <0.006 | 0 | 0 | <7.75 | <0.0062 |
| 9/28/2001 | 01967 | ITGO Termin | 480 | Air | <7.0 | <0.006 | 0/0 | <0.006 | 0 | 0 | <7.75 | <0.0062 |
| 9/28/2001 | 01968 | FMC Termina | 480 | Air | <7.0 | <0.006 | 0/0 | <0.006 | 0 | 0 | <7.75 | <0.0062 |
| 9/28/2001 | 01969 | Shell Termina | 480 | Air | <7.0 | <0.006 | 0/1 | <0.006 | 0 | 0 | <7.75 | <0.0062 |

coc#04110

PCM: Phase Contrast Microscopy by NIOSH 7400
TEM: Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA). Sample volume is below recommended limit of the method.
*Structure (S) roughly equivalent to Fiber (f)
Standard criteria: EPA 40CFR Part 763 (AHERA): 0.01 fiber/cc (PCM), 70 S/mm$^2$, Volume 1200 L, for 25 mm filter (TEM)

| | **Period in which samples were collected and retrived** |
|---|---|
| **Sampling Location** | **Sampling Times** |
| Liberty Park | 1024 (9/27/01) - 0944 (9/28/01) |
| CITGO Terminal | 1112 (9/27/01) - 1028 (9/28/01) |
| FMC Terminal | 1141 (9/27/01) - 1105 (9/28/01) |
| Shell Terminal | 1214 (9/27/01) - 1135 (9/28/01) |

ERT: 09/30/01 09:50 AM

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_002747733

NYC-WTC_000419616