NYC 9/11 Public Portal Document

**Asbestos Air Sampling Results for Staten Island Landfill**
**Sampling Date and Time: 10/11/01 07:00 to 10/11/01 19:00**

| Sampling Date |
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coc# 04624

**NIOSH 7400: Fiber Analysis of Air samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94**
**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA)**
**Standard criteria: EPA 40CFR Part 763 (AHERA): 0.01 fiber/cc (PCM), 70 S/mm$^2$, volume 1200 L, for 25 mm filter (TEM)**

OEM000056471

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| | | | | PCM by NIO |
|---|---|---|---|---|
| | Sampling | Sample | | f/mm$^2$ |
| Sample No. | Location | Volume | Matrix | |
| | | | | |
| 03101 | P Loc # 1 | 720 | Air | <7.00 |
| 03102 | P Loc # 2 | 720 | Air | 7.64 |
| 03103 | P Loc # 3 | 720 | Air | <7.00 |
| 03104 | P Loc # 4 | 720 | Air | <7.00 |
| 03105 | P Loc # 5 | 720 | Air | <7.00 |
| 03106 | P Loc # 6 | 720 | Air | <7.00 |
| 03107 | P Loc # 7 | 720 | Air | <7.00 |
| 03108 | P Loc # 8 | 540 | Air | <7.00 |
| 03109 | S Loc # 9A | 720 | Air | 22.93 |
| 03110 | S Loc # 9B | 720 | Air | <7.00 |
| 03111 | S Loc # 9C | 720 | Air | <7.00 |
| 03112 | S Loc # 10 A | 720 | Air | 8.92 |
| 03113 | S Loc # 10 B | 720 | Air | 14.01 |
| 03114 | W Loc # 11 | 720 | Air | 11.46 |
| 03115 | W Loc # 12 | 720 | Air | 28.03 |
| 03116 | B Loc # 13 | 748 | Air | 7.64 |
| 03117 | B Loc # 14 | 591.2 | Air | <7.00 |

NS: Not sampled
AF/ANF: Asbestos fibers/Non asbestos fibers
Sample volume is below recommended limit of the method:
*Structure (S) roughly equivalent to fiber (f)
NA: not analyzed due to overloading of particulates

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| SH 7400 | TEM ( AHERA) | | | |
|---|---|---|---|---|
| f/cc | Structures (#) | | S/mm$^2$ | S~f/cc* |
| | 0.5-5µ | >5µ | | |
| | | | | |
| <0.004 | 0 | 3** | 26.67 | 0.0143 |
| 0.004 | 0 | 0 | <8.89 | <0.0048 |
| <0.004 | 0 | 0 | <8.89 | <0.0048 |
| <0.004 | 0 | 1** | 8.89 | 0.0048 |
| <0.004 | 0 | 1** | 8.89 | 0.0048 |
| <0.004 | 0 | 0 | <8.89 | <0.0048 |
| <0.004 | 0 | 0 | <8.89 | <0.0048 |
| <0.005 | 0 | 0 | <8.89 | <0.0064 |
| 0.012 | 0 | 3** | 26.67 | 0.0143 |
| <0.004 | 0 | 4** | 35.56 | 0.0190 |
| <0.004 | 0 | 2** | 17.78 | 0.0095 |
| 0.005 | 0 | 0 | <8.89 | <0.0048 |
| 0.007 | 0 | 1** | 8.89 | 0.0048 |
| 0.006 | 0 | 0 | <8.89 | <0.0048 |
| 0.015 | 0 | 3** | 26.67 | 0.0143 |
| <0.004 | 0 | 0 | <8.89 | <0.0046 |
| <0.005 | 0 | 0 | <7.27 | <0.0047 |

** Chrysotile; no other types of asbestos were detected.

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ERT: 10/14/01 9:50 AM

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