NYC 9/11 Public Portal Document

Sep. 22 2001 08:31AM P2

**Operating Engineers National Hazmat Program Sampling Data** 9/22/01
**New YorkTrade Center**
**Personal data collected on September 20th - all samples collected on heavy equipment operators working in the zone**
Sampling methods:

| | |
|---|---|
| Lead | NIOSH 7300 |
| Total Dust | NIOSH 0500 |
| Asbestos | AHERA (TEM) for air and Polarize Light Microscopy for bulks |

Results

| Sample Number | Type | Volume | Lead (ug/m3) | Total Dust (mg/m3) | Comments |
|---|---|---|---|---|---|
| NY05 | Air | 285.4 | <1 | 3.2 | All of these samples were collected |
| NY06 | Air | 434.3 | <0.09 | 0.44 | on a very rainy day |
| NY07 | Air | 422.9 | <0.09 | 0.4 | |
| NY08 | Air | 403.6 | <0.09 | 1.5 | |
| NY12 | Air | 204.9 | <2 | <0.7 | |
| B-2 | Bulk | n/a | 120 mg/kg | Sample collected from windshield of car at Murray and West | |

| Sample Number | Type | Volume | Asbestos (structures/cc) Less than 5 micrometers | Greater than 5 | Comments |
|---|---|---|---|---|---|
| NY01 through NY04 | | | | | Too overloaded to count |
| NY09 | Air | 276.4 | 0.74 | 0 | No fibers greater than 5 microns, average was |
| NY-10 | Air | 246.5 | 0.047 | 0 | approximately 1-2 micrometers |
| NY-11 | Air | 220.8 | <0.0267 | 0 | |
| B-1 | Bulk | n/a | 0.3% Chrysotile asbestos<br>0.3% Amosite asbestos<br>Total of 0.6% by point counting | | |

**Contact:**

Bruce Lippy, CIH, CSP
Director of Research and Special Projects
Operating Engineers Nat.onal Hazmat Program
410-916-0359 cell

FAX NO. :

FROM : USCG COMMAND POST

CITY_21MC100_003206349

NYC-WTC_000419702