NYC 9/11 Public Portal Document

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Project: NYC-DEP W & P File #: 1079.01.02
114 Liberty, Roof

Received: 6/22/02 2:00:00 AM
ATC Group #: 8221
Analysis Date: 6/22/02

## Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule (AHERA)

| Sample | Volume | Area Analyzed | Non Asb | Asbestos Type(s) | # Structures 0.5μ-5 | # Structures 5μ | Analytical Sensitivity (S/cc) | Asbestos Concentration (S/mm²) | Asbestos Concentration (S/cc) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| 073 8221 -1 | 1350.00 | 0.0674 | 0 | None Detected | 0 | 0 | 0.0042 | <14.83 | <0.0042 | |
| 074 8221 -2 | 1350.00 | 0.0674 | 0 | None Detected | 0 | 0 | 0.0042 | <14.83 | <0.0042 | |
| 075 8221 -3 | 1350.00 | 0.0674 | 0 | None Detected | 0 | 0 | 0.0042 | <14.83 | <0.0042 | |
| 076 8221 -4 | 1350.00 | 0.0674 | 0 | None Detected | 0 | 0 | 0.0042 | <14.83 | <0.0042 | |
| 077 8221 -5 | 1350.00 | 0.0674 | 0 | CHRYSOTILE | 0 | 1 | 0.0042 | 14.83 | 0.0042 | |

MARK PEYSAKHOV
Analyzed by:

MICHAEL A. GORYCKI, Ph.D.
Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This reports relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879



CITY_DEP_WORBY_CANNATA_SUBP_000005888

NYC-WTC_000186838

NYC-WTC_000186839

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P.O. _____

8221

# WARREN & PANZER ENGINEERS, P.C.

## AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

CLIENT: LBP
PROJECT: 114 Liberty
LOCATION: Roof

W&P FILE #: 1079.01.02
TURN AROUND: 24 hrs
TECHNICIAN: Lev Fainstein

Analysis Method: PCM - 7400
(circle one) (TEM - AHERA)
TEM - EPA LEVEL II

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION | SAMPLE TYPE | PUMP # | FLOWRATE START | FLOWRATE STOP | TIME ON | TIME OFF | TOTAL TIME | VOLUME (liters) | CONCENTR. (fib/cc.) |
|---|---|---|---|---|---|---|---|---|---|---|
| 073 | IWA Inside roof (S) | 3 | | 3 | 3 | 9-00 | 16-30 | 450 | 1350 | |
| 074 | " " " (Middle) | 3 | | 3 | 3 | 9-01 | 16-31 | " | " | |
| 075 | OWA Inside Decon | 3 | | 3 | 3 | 9-03 | 16-33 | " | " | |
| 076 | " Door access to the roof | 3 | | 3 | 3 | 9-05 | 16-35 | " | " | |
| 077 | " Floor below roof WA | 3 | | 3 | 3 | 9-07 | 16-37 | " | " | |
| 078 | | 1 | | | | | | | | |
| 079 | Blanks | 1 | | | | | | | | |
| 080 | | 1 | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |

SAMPLED BY: Lev Fainstein DATE: 6/21/02
SIGNATURE: [signature]

RELEASED BY: L Fainstein DATE: 6/21/02
SIGNATURE: [signature]

RECEIVED BY: ATC DATE: 6/22/02
SIGNATURE: [signature] 2:00am

| SAMPLE TYPE CODES | |
|---|---|
| 1 - Blank | 5 - Final Clearance (inside) |
| 2 - Pre-Abatement | 6 - Final Clearance (outside) |
| 3 - During Abatement | 7 - Personal |
| 4 - During Glove Bag Removal | 8 - Background |

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

CITY_DEP_WORBY_CANNATA_SUBP_000005889