



**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 764-7499  
Fax. (718) 764-4085

**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warren & Panzer Engineers, P.C.  
LABORATORY ID #: T02-09-019  
ANALYT. METHODOLOGY: AHERA  
FILTER TYPE: M.C.E.  
AVERAGE G.O. AREA ( $\mu\text{m}^2$ ): 0.013771

PROJECT: NYC DEP, 41 John St.  
DATE OF REPORT: 09/08/02  
DATE OF ANALYSIS: 09/08/02  
EFFECTIVE FILTER AREA ( $\text{mm}^2$ ): 385

**LABORATORY RESULTS**

| CLIENT # | LAB. ID #       | LOCATION          | VOLUME (l) | G.O.'s ANALYZED | AREA ANALYZED ( $\text{m}^2$ ) | ANALYT. SENSITV. ( $\mu\text{g}/\text{m}^3/\text{cm}^2$ ) | TOTAL ASBESTOS AIR CONC. ( $\mu\text{g}/\text{m}^3$ ) | TOTAL ASBESTOS FILTER CONC. ( $\mu\text{g}/\text{mm}^2$ ) | AIR CONC. FOR STRUCT. 0.55-5 $\mu\text{m}$ | AIR CONC. FOR STRUCT. 8.5-10 $\mu\text{m}$ | ASBEST. TYPE CHRYS. | AMT/UNIT ASBEST. TYPE SPECIFY |
|----------|-----------------|-------------------|------------|-----------------|--------------------------------|-----------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------|--------------------------------------------|---------------------|-------------------------------|
| 01       | T02-09-019-2159 | Entrance to roof  | 1650       | 4               | 0.0551                         | 0.0042                                                    | <0.0042                                               | <18.15                                                    | NA                                         | NA                                         | NA                  | NA                            |
| 02       | T02-09-019-2160 | Below the roof    | 1650       | 4               | 0.0551                         | 0.0042                                                    | <0.0042                                               | <18.15                                                    | NA                                         | NA                                         | NA                  | NA                            |
| 03       | T02-09-019-2161 | East side of roof | 1650       | 4               | 0.0551                         | 0.0042                                                    | <0.0042                                               | <18.15                                                    | NA                                         | NA                                         | NA                  | NA                            |
| 04       | T02-09-019-2162 | West side of roof | 1650       | 4               | 0.0551                         | 0.0042                                                    | <0.0042                                               | <18.15                                                    | NA                                         | NA                                         | NA                  | NA                            |
| 05       | T02-09-019-2163 | Decon             | 1650       | 4               | 0.0551                         | 0.0042                                                    | <0.0042                                               | <18.15                                                    | NA                                         | NA                                         | NA                  | NA                            |

*[Signature]*

ANALYST  
F. Stankri

*[Signature]*

LABORATORY DIRECTOR  
Spirro Douglas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

Information furnished by this report is based on the information provided by the client and is not to be used for any other purpose.

- Air sampling cassettes will be stored for sixty (60) days. AFS Inc. should be notified within this time frame for a true duplicate analysis.
- If AFS Inc. did not conduct the sampling, the reported airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is supplied solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AFS Inc.
- The liability of Athena Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

222B East 45th Street  
New York, NY 10017  
(212) 922-0077  
Fax (212) 922-0330

**WARREN & PANZER ENGINEERS, P. C.**  
**AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM**

24 hr<sup>+</sup>/a    12 hr<sup>+</sup>/a    6 hr<sup>+</sup>/a    3 hr<sup>+</sup>/a    Immediate<sup>+</sup>/a

W&P FILE #: 107-01-02

LABORATORY-

|      | ANALYSIS METHOD: | PCM | TEQ | TEM |
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circle one **7400** **AIRPA** **HPA LEVEL II**

TECHNICIAN: FESTO DSE MW3GE

CLIENT: AJYC DEP

PROJECT: 2104

LOCATION: 41 TOWN ST

**CONTACT:**

**PAGE** \_\_\_\_\_ **OF** \_\_\_\_\_

**P.O.**

| SAMPLE<br>NUMBER | SAMPLE<br>DESCRIPTION/LOCATION | SAMPLE<br>TYPE | PUMP<br># | FLOWRATE<br>START STOP | TIME<br>ON OFF | TOTAL<br>TIME | VOLUME<br>(liters) | CONCENTR<br>(lb./cc.) |
|------------------|--------------------------------|----------------|-----------|------------------------|----------------|---------------|--------------------|-----------------------|
| 01               | ENVIRAN TO ROOF                | 3              |           | 5 5                    | 1200 1730      | 330           | 1650               |                       |
| 02               | BELOW THE ROOF                 | 3              |           | 5 5                    | 1202 1732      | 330           | 1650               |                       |
| 03               | EAST SIDE OF ROOF              | 3              |           | 5 5                    | 1204 1734      | 330           | 1650               |                       |
| 04               | WEST " " "                     | 3              |           | 5 5                    | 1206 1736      | 330           | 1650               |                       |
| 05               | DECON                          | 3              |           | 5 5                    | 1208 1738      | 330           | 1650               |                       |
| 06               | BLANK                          |                |           |                        |                |               |                    |                       |
| 07               | "                              |                |           |                        |                |               |                    |                       |
| 08               | "                              |                |           |                        |                |               |                    |                       |

**CONTINUED:**

SAMPLE BY: FESTY ORANGE DATE 7-9-02

SIGNATURE: 17

RELEASED BY: 2583 0 DATE: 9-27-02

SIGNATURE: 

RECEIVED BY: A. C. 577-AL DATE: 9/8/02

SIGNATURE: W. J. [illegible]

102-04-014

| 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