


**ATHENICA**

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 764-3490  
 Fax. (718) 764-0885

CLIENT: Warren &amp; Panzer Engineers, P.C.

LABORATORY ID #: T02-10-178

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm<sup>2</sup>): 0.013433

PROJECT: NYC DEP, 94 Fulton Street

DATE OF REPORT: 10/28/02

DATE OF ANALYSIS: 10/28/02

 EFFECTIVE FILTER AREA (mm<sup>2</sup>): 385

**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**
**LABORATORY RESULTS**

| CLIENT # | LAB. ID #       | LOCATION             | ANAL. VESSEL | ANAL. ZED (mm <sup>2</sup> ) | SENSITIV. (micro/cm <sup>2</sup> ) | ASBESTOS AIR CONC. (micro/cm <sup>3</sup> ) | ASBESTOS FILTER CONC. (micro/cm <sup>3</sup> ) | CONC. FOR STRUCT. 0.55<4µm | CONC. FOR STRUCT. ≥5µm | TYPE CHRYS. | ASBEST TYPE SPECIFY |
|----------|-----------------|----------------------|--------------|------------------------------|------------------------------------|---------------------------------------------|------------------------------------------------|----------------------------|------------------------|-------------|---------------------|
| 01       | T02-10-178-3594 | Left side of doorway | 1680         | 4                            | 0.0537                             | <0.0043                                     | <18.61                                         | NA                         | NA                     | NA          | NA                  |
| 02       | T02-10-178-3595 | 5' from sample #1    | 1680         | 4                            | 0.0537                             | <0.0043                                     | <18.61                                         | NA                         | NA                     | NA          | NA                  |
| 03       | T02-10-178-3596 | In front of store    | 1680         | 4                            | 0.0537                             | <0.0043                                     | <18.61                                         | NA                         | NA                     | NA          | NA                  |
| 04       | T02-10-178-3597 | 5' from sample #3    | 1680         | 4                            | 0.0537                             | <0.0043                                     | <18.61                                         | NA                         | NA                     | NA          | NA                  |
| 05       | T02-10-178-3598 | 5' from sample #4    | 1680         | 4                            | 0.0537                             | <0.0043                                     | <18.61                                         | NA                         | NA                     | NA          | NA                  |

 ANALYST  
 F. Dimitrakos



 LABORATORY DIRECTOR  
 Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling results will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- If AES 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 AES Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

228 East 45th Street  
New York, NY 10017  
(212) 922-0077  
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# 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 P.O. \_\_\_\_\_

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

CLIENT: NYC DEP  
PROJECT: FACE  
LOCATION: 94 EUSTON ST.

W&P FILE #: 10790102

LABORATORY: \_\_\_\_\_

CONTACT: \_\_\_\_\_

ANALYSIS METHOD: PCM TEM  
circle one (AHRA) EPA LEVEL II

TECHNICIAN: 1

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION | SAMPLE TYPE | PUMP # | FLOWRATE START | FLOWRATE STOP | TIME ON | TIME OFF | TOTAL TIME | VOLUME (liters) | CONCENTR (lb/cc.) |
|---------------|-----------------------------|-------------|--------|----------------|---------------|---------|----------|------------|-----------------|-------------------|
| 01            | 4' SIDE OF DOORWAY          | 3           | 01     | 7              | 7             | 9:00    | 13:00    | 2:40       | 16.80           |                   |
| 02            | 5' from sample #01          | 3           | 02     | 7              | 7             | 9:01    | 13:01    |            |                 |                   |
| 03            | IN FRONT OF STORE           | 3           | 03     | 7              | 7             | 9:02    | 13:02    |            |                 |                   |
| 04            | 5' from sample #03          | 3           | 04     | 7              | 7             | 9:03    | 13:03    |            |                 |                   |
| 05            | 5' from sample #04          | 3           | 05     | 7              | 7             | 9:04    | 13:04    |            |                 |                   |
| 06            | fb                          | 1           |        |                |               |         |          |            |                 |                   |
| 07            | fb                          | 1           |        |                |               |         |          |            |                 |                   |
| 08            | cb                          | 1           |        |                |               |         |          |            |                 |                   |

COMMENTS:

102-10-178

|                                |                       |
|--------------------------------|-----------------------|
| SAMPLE BY: <u>LAUIS RSTO</u>   | DATE: <u>10/29/02</u> |
| SIGNATURE: <u>[Signature]</u>  |                       |
| RELEASED BY: <u>LAUIS RSTO</u> | DATE: <u>10/29/02</u> |
| SIGNATURE: <u>[Signature]</u>  |                       |
| RECEIVED BY: <u>ACATIGAY</u>   | DATE: <u>10/29/02</u> |
| SIGNATURE: <u>[Signature]</u>  |                       |

| 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