


**ATHENICA**

ENVIRONMENTAL SERVICES INC.

 Tel: (718) 784-7490  
 Fax: (718) 784-4085

**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**
**CLIENT:** Warren & Panzer Engineers, P.C.

**PROJECT:** NYC DEP, 123 Williams Street

**LABORATORY ID #:** T02-10-047

**DATE OF REPORT:** 10/08/02

**ANALYT. METHODOLOGY:** AHERA

**DATE OF ANALYSIS:** 10/08/02

**FILTER TYPE:** M.C.E.

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

**AVERAGE G.O. AREA (mm<sup>2</sup>):** 0.013838

**LABORATORY RESULTS**

| CLIENT # | LAB. ID #       | LOCATION                     | VOLUME (M) | G.O.'s ANALYZED | AREA ANALYZED (mm <sup>2</sup> ) | ANALYT. SENSITIVITY (at wet L/cm <sup>2</sup> ) | TOTAL ASBESTOS AIR CONC. (at wet L/cm <sup>2</sup> ) | TOTAL ASBESTOS FILTER CONC. (at wet L/cm <sup>2</sup> ) | AIR CONC. FOR STRUCT. 0.558-5.0um | AIR CONC. FOR STRUCT. 5.0-10.0um | ASBEST. TYPE CHRYSE. | AMPHIB. ASBEST. TYPE SPECIFY |
|----------|-----------------|------------------------------|------------|-----------------|----------------------------------|-------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|-----------------------------------|----------------------------------|----------------------|------------------------------|
| 01       | T02-10-047-2913 | Door-way, penthouse stairway | 1680       | 4               | 0.0554                           | 0.0041                                          | <0.0041                                              | <18.07                                                  | NA                                | NA                               | NA                   | NA                           |
| 02       | T02-10-047-2914 | East side of building south  | 1680       | 4               | 0.0554                           | 0.0041                                          | <0.0041                                              | <18.07                                                  | NA                                | NA                               | NA                   | NA                           |
| 03       | T02-10-047-2915 | East side of building south  | 1680       | 4               | 0.0554                           | 0.0041                                          | <0.0041                                              | <18.07                                                  | NA                                | NA                               | NA                   | NA                           |
| 04       | T02-10-047-2916 | East side of building south  | 1680       | 4               | 0.0554                           | 0.0041                                          | <0.0041                                              | <18.07                                                  | NA                                | NA                               | NA                   | NA                           |
| 05       | T02-10-047-2917 | East side of building south  | 1680       | 4               | 0.0554                           | 0.0041                                          | <0.0041                                              | <18.07                                                  | NA                                | NA                               | NA                   | NA                           |

**ANALYST**  
 E. Dimitrakas



**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 cascades 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 exposure data is supplied solely for the convenience of the client.
- This 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.

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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

W8P FILE #: 1075 01 002

CLIENT: NYC- DAP

PROJECT: Prof'st Baccos-

LOCATION: 1234 WILSON ST.

W&P FILE #: 1075-01-002

LABORATORY: AT&amp;T 203-

ANALYSIS METHOD: PGM TEM TEM  
circle one 7400 AHERA EPA LEVEL II

TEM TEM

## AHERA/ EPA LEVEL II

**TECHNICIAN: J. B. B. B.**

| 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./sec.) |
|------------------|-----------------------------------|----------------|-----------|------------------------|-----------------------------------|---------------|--------------------|-------------------------|
| 01               | ROAD - W. of BENT MUSE STATION A. | 3              | /         | 4 4                    | 08 <sup>30</sup> 15 <sup>30</sup> | 420           | 1680               |                         |
| 02               | EAST SIDE OF R. of BENT           | 3              | /         | 4 4                    | 08 <sup>31</sup> 15 <sup>31</sup> | 420           | 1680               |                         |
| 03               | EAST SIDE OF R. of BENT           | 3              | /         | 4 4                    | 08 <sup>32</sup> 15 <sup>32</sup> | 420           | 1680               |                         |
| 04               | EAST SIDE OF R. of BENT           | 3              | /         | 4 4                    | 08 <sup>34</sup> 15 <sup>34</sup> | 420           | 1680               |                         |
| 05               | EAST SIDE OF R. of BENT           | 3              | /         | 4 4                    | 08 <sup>35</sup> 15 <sup>35</sup> | 420           | 1680               |                         |
| 06               | FIELD BANK                        | 1              | /         | 4 4                    | /                                 | /             | /                  | /                       |
| 07               | FIELD BANK                        | 1              | /         | 4 4                    | /                                 | /             | /                  | /                       |

**COMMACAST.**

SAMPLE BY: J. Bangs DATE: 12-07  
SIGNATURE: [Signature]  
RELEASED BY: J. Bangs DATE: 12-07  
SIGNATURE: [Signature]  
RECEIVED BY: A. C. J. B. A. DATE: 10/10/02  
SIGNATURE: [Signature]

T02-10 -047

| 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**