

07/29/2002 13:29 FAX 718 784 4085

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**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel (718) 784-7480

Fax (718) 784-4085

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

LABORATORY ID #: T02-07-037

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm<sup>2</sup>): 0.008643

PROJECT: NYC DEP, 44 New Street

DATE OF REPORT: 07/29/02

DATE OF ANALYSIS: 07/29/02

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

# AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

## LABORATORY RESULTS

| CLIENT # | LAB. ID #       | LOCATION    | VOLUME (L) | G.O. ANALYZED | AREA ANALYZED (mm <sup>2</sup> ) | ANALYT. SENSITIVITY (fibers/cm) | TOTAL ASBESTOS AIR CONC. (fibers/cm) | TOTAL ASBESTOS FILTER CONC. (fibers/cm) | AIR CONC. FOR STRUCT. 0.55-5.0µm | AIR CONC. FOR STRUCT. 5-25.0µm | ASBEST. TYPE CHRYS. | AMPHIB. ASBEST. TYPE SPECIFY |
|----------|-----------------|-------------|------------|---------------|----------------------------------|---------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|--------------------------------|---------------------|------------------------------|
| JB728 09 | T02-07-037-1129 | By Decon    | 1750       | 6             | 0.0519                           | 0.0042                          | <0.0042                              | <19.28                                  | NA                               | NA                             | NA                  | NA                           |
| JB728 10 | T02-07-037-1130 | Left side   | 1750       | 6             | 0.0519                           | 0.0042                          | <0.0042                              | <19.28                                  | NA                               | NA                             | NA                  | NA                           |
| JB728 11 | T02-07-037-1131 | Left Front  | 1750       | 6             | 0.0519                           | 0.0042                          | <0.0042                              | <19.28                                  | NA                               | NA                             | NA                  | NA                           |
| JB728 12 | T02-07-037-1132 | Right Front | 1750       | 6             | 0.0519                           | 0.0042                          | <0.0042                              | <19.28                                  | NA                               | NA                             | NA                  | NA                           |
| JB728 13 | T02-07-037-1133 | Right side  | 1750       | 6             | 0.0519                           | 0.0042                          | <0.0042                              | <19.28                                  | NA                               | NA                             | NA                  | NA                           |

 ANALYST  
B. Dimitrakas

 LABORATORY DIRECTOR  
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES) is a certified laboratory for asbestos analysis.
- Air sampling cassettes 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 listed. 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.





**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (714) 744-7440  
Fax: (714) 744-4465

**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

**CLIENT:** Warren & Panzer Engineers, P. C.  
**LABORATORY ID #:** T02-07-032  
**ANALYT. METHODOLOGY:** AHERA  
**FILTER TYPE:** M.C.E.  
**AVERAGE G.O. AREA (mm<sup>2</sup>):** 0.00643

**PROJECT:** NYC DEP, 44 New  
**DATE OF REPORT:** 07/28/02  
**DATE OF ANALYSIS:** 07/28/02  
**EFFECTIVE FILTER AREA (mm<sup>2</sup>):** 385

**LABORATORY RESULTS**

| CLIENT #    | LAB ID          | LOCATION         | VOLUME (M) | G.O.'s ANALYZED | AREA ANALYZED (mm <sup>2</sup> ) | ANALYT. SENSITIVITY (microgram/cm <sup>2</sup> ) | TOTAL ASBESTOS AIR CONC. (microgram/cm <sup>3</sup> ) | TOTAL ASBESTOS FILTER CONC. (microgram/cm <sup>2</sup> ) | AIR CONC. FOR STRUCT. 0.559-5.59 microgram/cm <sup>3</sup> | AIR CONC. FOR STRUCT. 525.9 microgram/cm <sup>3</sup> | ASBEST. TYPE CHRYA | AMPHIB. ASBEST. TYPE SPECIFY |
|-------------|-----------------|------------------|------------|-----------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------|--------------------|------------------------------|
| JB7270 2-01 | T02-07-032-1104 | Inside roof door | 1755       | 6               | 0.0519                           | 0.0042                                           | <0.0042                                               | <19.28                                                   | NA                                                         | NA                                                    | NA                 | NA                           |
| JB7270 2-02 | T02-07-032-1105 | IWA north        | 1755       | 6               | 0.0519                           | 0.0042                                           | <0.0042                                               | <19.28                                                   | NA                                                         | NA                                                    | NA                 | NA                           |
| JB7270 2-03 | T02-07-032-1106 | IWA south        | 1755       | 6               | 0.0519                           | 0.0042                                           | <0.0042                                               | <19.28                                                   | NA                                                         | NA                                                    | NA                 | NA                           |
| JB7270 2-04 | T02-07-032-1107 | IWA east         | 1755       | 6               | 0.0519                           | 0.0042                                           | <0.0042                                               | <19.28                                                   | NA                                                         | NA                                                    | NA                 | NA                           |
| JB7270 2-05 | T02-07-032-1108 | IWA west         | 1755       | 6               | 0.0519                           | 0.0042                                           | <0.0042                                               | <19.28                                                   | NA                                                         | NA                                                    | NA                 | NA                           |

*Environ for 10/10/02*

**ANALYST**  
E. Siokatti

*Environ for 10/10/02*

**LABORATORY DIRECTOR**  
Spiro Douranis

**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 equipment 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.
- 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.

SEP 16 00 18:56 No.001 P.03

TEL:

2228 East 45th Street  
New York, NY 10017  
(212) 922-0077  
Fax (212) 922-0630

**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

CLIENT: NYC DFD

W&P FILE #: 079.01.02  
LABORATORY: WLCB

LABORATORY:

PROJECT: 44 New

ANALYSIS METHOD: PCM  
circs one

**Circle 27**

**TECHNICIAN:**

TECHNICIAN: John Boyd

CONTACT: Mike Nolan

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[illegible]

**COMMENTS:**

702-07-032

|                                |               |
|--------------------------------|---------------|
| SAMPLE BY: John Boyd           | DATE: 7-27-92 |
| SIGNATURE: [Signature]         |               |
| RELEASED BY: John Boyd         | DATE: 7-27-92 |
| SIGNATURE: [Signature]         | 7-30-92       |
| RECEIVED BY: C. S. [Signature] | DATE: 7-28-92 |
| SIGNATURE: [Signature]         |               |

| 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