



**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (716) 784-7480  
Fax. (716) 784-4085

**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION**

CLIENT: Warren & Panzer Engineers, P.C.  
LABORATORY ID #: T02-09-061  
ANALYT. METHODOLOGY: AHERA  
FILTER TYPE: M.C.E.  
AVERAGE G.O. AREA (mm<sup>2</sup>): 0.013771

PROJECT:  
DATE OF  
DATE OF  
EFFECTIVE

57 Warren St.

ASBESTOS ANALYSIS RESULTS

| CLIENT # | LAB. ID #       | LOCATION                       | VOLUME (ft <sup>3</sup> ) | G.O. % ANAL. VERN | AREA ANALY 7970 (mm <sup>2</sup> ) | ANALYT. SENSITIVITY (micrograms/ft <sup>3</sup> ) | TOTAL ASBESTOS AIR CONC. (micrograms/ft <sup>3</sup> ) | TO ASBESTOS (ft <sup>3</sup> ) |
|----------|-----------------|--------------------------------|---------------------------|-------------------|------------------------------------|---------------------------------------------------|--------------------------------------------------------|--------------------------------|
| 001A     | T02-09-061-2370 | Center area in street          | 1300                      | 5                 | 0.0689                             | 0.0043                                            | <0.0043                                                | <                              |
| 002A     | T02-09-061-2371 | Left side on sidewalk          | 1300                      | 5                 | 0.0689                             | 0.0043                                            | <0.0043                                                | <                              |
| 003A     | T02-09-061-2372 | Left side adjacent to building | 1300                      | 5                 | 0.0689                             | 0.0043                                            | <0.0043                                                | <                              |
| 004A     | T02-09-061-2373 | Right side by area             | 1300                      | 5                 | 0.0689                             | 0.0043                                            | <0.0043                                                | <                              |
| 005A     | T02-09-061-2374 | Right side adjacent to gate    | 1300                      | 5                 | 0.0689                             | 0.0043                                            | <0.0043                                                | <                              |

E. Sioukri

ANALYST  
E. Sioukri

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 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 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.


**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4885

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

LABORATORY ID #: T02-09-061

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm<sup>2</sup>): 0.013771

PROJECT: NYC DEP, 56-58 Warren Street

DATE OF REPORT: 09/17/02

DATE OF ANALYSIS: 09/17/02

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

# AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

| CLIENT # | LAB. ID #       | LOCATION                       | VOLUME (ft <sup>3</sup> ) | G.O.% ANAL. VOLUM | AREA ANALY ZED (mm <sup>2</sup> ) | ANALYT. SENSITIV (pg/m <sup>3</sup> /mm <sup>2</sup> ) | TOTAL ASBESTOS AIR (mg/m <sup>3</sup> ) | TOTAL ASBESTOS CON. (gr./mm <sup>3</sup> ) | AIR CONC. FOR STRUCT. 0.55<=µm | AIR CONC. FOR STRUCT. 2.5<=5µm | ASBEST. TYPE CHNYS. | AMPHIB. ASBEST. TYPE SPECIFY |
|----------|-----------------|--------------------------------|---------------------------|-------------------|-----------------------------------|--------------------------------------------------------|-----------------------------------------|--------------------------------------------|--------------------------------|--------------------------------|---------------------|------------------------------|
| 001A     | T02-09-061-2370 | Center area in street          | 1300                      | 5                 | 0.0689                            | 0.0043                                                 | <0.0043                                 | <14.52                                     | NA                             | NA                             | NA                  | NA                           |
| 002A     | T02-09-061-2371 | Left side on sidewalk          | 1300                      | 5                 | 0.0689                            | 0.0043                                                 | <0.0043                                 | <14.52                                     | NA                             | NA                             | NA                  | NA                           |
| 003A     | T02-09-061-2372 | Left side adjacent to building | 1300                      | 5                 | 0.0689                            | 0.0043                                                 | <0.0043                                 | <14.52                                     | NA                             | NA                             | NA                  | NA                           |
| 004A     | T02-09-061-2373 | Right side by area             | 1300                      | 5                 | 0.0689                            | 0.0043                                                 | <0.0043                                 | <14.52                                     | NA                             | NA                             | NA                  | NA                           |
| 005A     | T02-09-061-2374 | Right side adjacent to gate    | 1300                      | 5                 | 0.0689                            | 0.0043                                                 | <0.0043                                 | <14.52                                     | NA                             | NA                             | NA                  | NA                           |

E. Sioukri

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LABORATORY DIRECTOR

Spiro Donganis

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228 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: N.Y.C. DEP

PROJECT: Financial District

LOCATION: 56-58 W. 10th St

W&P FILE #: 1079-01-03

LABORATORY: ATC

ANALYSIS METHOD: PCM

circle one

TECHNICIAN: N. Wells

TEM

WH/ERA

EPA LEVEL II

CONTACT: Nile Nolan

LLW#:

SCA JOB#:

PAGE 1 OF 1

P.O.

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION | SAMPLE TYPE | PUMP # | FLOWRATE START | STOP | ON    | OFF   | TOTAL TIME | VOLUME (liters) | CONCENTRATION (lb./cc.) |
|---------------|-----------------------------|-------------|--------|----------------|------|-------|-------|------------|-----------------|-------------------------|
| 001A          | Center area in Street       | 3           |        | 10             | 10   | 18:00 | 20:10 | 130        | 1300            |                         |
| 002A          | Left side on sidewalk       | 3           |        | 10             | 10   | 18:01 | 20:11 | 130        | 1300            |                         |
| 003A          | Left side adj to bldg       | 3           |        | 10             | 10   | 18:02 | 20:12 | 130        | 1300            |                         |
| 004A          | Right side by owner         | 3           |        | 10             | 10   | 18:03 | 20:13 | 130        | 1300            |                         |
| 005A          | Right side 'ady to gas      | 3           |        | 10             | 10   | 18:04 | 20:14 | 130        | 1300            |                         |
| 006           | Sealed                      | 1           |        |                |      |       |       |            |                 |                         |
| 007           | Field                       | 1           |        |                |      |       |       |            |                 |                         |
| 008           | Sealed                      | 1           |        |                |      |       |       |            |                 |                         |

COMMENTS: Biden Lab

702-09-061

|              |                    |       |                |
|--------------|--------------------|-------|----------------|
| SAMPLE BY:   | <u>N. Wells</u>    | DATE: | <u>9/7</u>     |
| SIGNATURE:   | <u>N. Wells</u>    | DATE: | <u>9/7</u>     |
| RELEASED BY: | <u>N. Wells</u>    | DATE: | <u>9/7</u>     |
| SIGNATURE:   | <u>N. Wells</u>    | DATE: | <u>9/18/02</u> |
| RECEIVED BY: | <u>C. Siano</u>    | DATE: | <u>9/18/02</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