



# ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7480

Fax. (718) 784-4035

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-154

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm<sup>2</sup>): 0.012422

PROJECT: NYC DEP, 4749 Murray Street

DATE OF REPORT: 08/30/02

DATE OF ANALYSIS: 08/30/02

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

## AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

### LABORATORY RESULTS

| CLIENT # | LAB. ID #       | LOCATION                           | VOLUME (m) | G.O.'s ANALYZED | AREA ANALYZED (mm <sup>2</sup> ) | ANALYT. SENSITIVITY (fug./cm <sup>3</sup> ) | TOTAL ASBESTOS AIR CONC. (fug./cm <sup>3</sup> ) | TOTAL ASBESTOS FILTER CONC. (fug./mm <sup>2</sup> ) | AIR CONC. FOR STRUCT. 0.5<S<5µm | AIR CONC. FOR STRUCT. S>5µm | ASBEST. TYPE (FIBRE) | ASBEST. TYPE SPECIFY |
|----------|-----------------|------------------------------------|------------|-----------------|----------------------------------|---------------------------------------------|--------------------------------------------------|-----------------------------------------------------|---------------------------------|-----------------------------|----------------------|----------------------|
| 01       | T02-08-154-2012 | By the roof entrance               | 1300       | 5               | 0.0621                           | 0.0048                                      | <0.0048                                          | <16.10                                              | NA                              | NA                          | NA                   | NA                   |
| 02       | T02-08-154-2013 | On the roof by the chimney         | 1300       | 5               | 0.0621                           | 0.0048                                      | <0.0048                                          | <16.10                                              | NA                              | NA                          | NA                   | NA                   |
| 03       | T02-08-154-2014 | East side of the roof              | 1300       | 5               | 0.0621                           | 0.0048                                      | <0.0048                                          | <16.10                                              | NA                              | NA                          | NA                   | NA                   |
| 04       | T02-08-154-2015 | West side of the roof              | 1300       | 5               | 0.0621                           | 0.0048                                      | <0.0048                                          | <16.10                                              | NA                              | NA                          | NA                   | NA                   |
| 05       | T02-08-154-2016 | On the roof by the air cond. units | 1300       | 5               | 0.0621                           | 0.0048                                      | <0.0048                                          | <16.10                                              | NA                              | NA                          | NA                   | NA                   |

E. Sioukhi

ANALYST  
E. Sioukhi

*[Signature]*

LABORATORY DIRECTOR  
Spiro Domagala

- Athenica Environmental Services Inc. (AESI), is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AESI Inc., should be notified within this time frame for a time duplicate analysis.
- If AESI Inc. did not conduct the sampling, the reported asbestos concentrations were 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 AESI Inc.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

08/30/2002 17:13 FAX 718 784 4085

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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>7</sup>/a

238 East 45th Street  
New York, NY 10017  
(212) 922-0077  
Fax (212) 922-0638

CLIENT: NYC DEP

PROJECT: Roof

LOCATION: 47/49 Hurree St

W&P FILE #: 1079.01.02

LABORATORY: ATHENICA

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

TECHNICIAN: Greg Boron / Fedy Osenwegie

CONTACT: Nike Nolan

PAGE 1 OF 1

P.O.

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION    | SAMPLE TYPE | PUMP # | FLOWRATE |      | TIME  |       | TOTAL TIME | VOLUME (liters) | CONCENTR. (µg/cc) |
|---------------|--------------------------------|-------------|--------|----------|------|-------|-------|------------|-----------------|-------------------|
|               |                                |             |        | START    | STOP | ON    | OFF   |            |                 |                   |
| 01            | By the roof entrance           | 3           |        | 10.0     | 10.0 | 12:12 | 14:22 | 130        | 1300            |                   |
| 02            | On the roof by the chimney     | 3           |        | 10.0     | 10.0 | 12:14 | 14:24 | 130        | 1300            |                   |
| 03            | East side of the roof          | 3           |        | 10.0     | 10.0 | 12:16 | 14:26 | 130        | 1300            |                   |
| 04            | West side of the roof          | 3           |        | 10.0     | 10.0 | 12:18 | 14:28 | 130        | 1300            |                   |
| 05            | On the roof by air cond. units | 3           |        | 10.0     | 10.0 | 12:20 | 14:30 | 130        | 1300            |                   |
| 06            | Field Blank                    | 1           |        |          |      |       |       |            |                 |                   |
| 07            | " - "                          | 1           |        |          |      |       |       |            |                 |                   |
| 08            | " - "                          | 1           |        |          |      |       |       |            |                 |                   |

ANALYST: 1079.01.02

|                                               |                      |
|-----------------------------------------------|----------------------|
| SAMPLE BY: <u>Greg Boron / Fedy Osenwegie</u> | DATE: <u>8/28/02</u> |
| SIGNATURE: <u>Boron</u>                       |                      |
| RELEASED BY: <u>Fedy Osenwegie</u>            | DATE: <u>8/28/02</u> |
| SIGNATURE: <u></u>                            |                      |
| RECEIVED BY: <u>A-GATIGA</u>                  | DATE: <u>8/30/02</u> |
| SIGNATURE: <u>AG</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