



# AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.  
LABORATORY ID #: T02-09-054  
ANALYT. METHODOLOGY: AHERA  
FILTER TYPE: M.C.E.  
AVERAGE G.O. AREA (mm<sup>2</sup>): 0.013771

PROJECT: NYC DEP, 12-16 Vesey  
DATE OF REPORT: 09/16/02  
DATE OF ANALYSIS: 09/16/02  
EFFECTIVE FILTER AREA (mm<sup>2</sup>): 385

## LABORATORY RESULTS

| CLIENT # | LAB. ID #       | LOCATION                  | VOLUME (lt) | G.O.'s ANALYZED | AREA ANALYZED (mm <sup>2</sup> ) | ANALYT. SENSITIV. (struct./cm <sup>3</sup> ) | TOTAL ASBESTOS AIR CONC. (struc./cm <sup>3</sup> ) | TOTAL ASBESTOS FILTER CONC. (str./mm <sup>2</sup> ) | AIR CONC. FOR STRUCT. 0.5≤S<5μm | AIR CONC. FOR STRUCT. S≥5.0μm | ASBEST. TYPE CHRYS. | AMPHIB. ASBEST TYPE SPECIFY |
|----------|-----------------|---------------------------|-------------|-----------------|----------------------------------|----------------------------------------------|----------------------------------------------------|-----------------------------------------------------|---------------------------------|-------------------------------|---------------------|-----------------------------|
| 01       | T02-09-054-2335 | On light pole             | 1400        | 5               | 0.0689                           | 0.0040                                       | <0.0040                                            | <14.52                                              | NA                              | NA                            | NA                  | NA                          |
| 02       | T02-09-054-2336 | Near mail box             | 1400        | 5               | 0.0689                           | 0.0040                                       | <0.0040                                            | <14.52                                              | NA                              | NA                            | NA                  | NA                          |
| 03       | T02-09-054-2337 | In front of main entrance | 1400        | 5               | 0.0689                           | 0.0040                                       | <0.0040                                            | <14.52                                              | NA                              | NA                            | NA                  | NA                          |
| 04       | T02-09-054-2338 | Corner of 12-16 Vesey     | 1400        | 5               | 0.0689                           | 0.0040                                       | <0.0040                                            | <14.52                                              | NA                              | NA                            | NA                  | NA                          |
| 05       | T02-09-054-2339 | 10' from sample#4         | 1400        | 5               | 0.0689                           | 0.0040                                       | <0.0040                                            | <14.52                                              | NA                              | NA                            | NA                  | NA                          |

E. Sioukri

ANALYST  
E. Sioukri

Spiro Dongaris

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.
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