



ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P. C.
PROJECT: NYC DEP, 196 Broadway
LABORATORY ID #: T02-08-056
DATE OF REPORT: 08/13/02
ANALYT. METHODOLOGY: AHERA
DATE OF ANALYSIS: 08/13/02
FILTER TYPE: M.C.E.
EFFECTIVE FILTER AREA (mm²): 385
AVERAGE G.O. AREA (mm²): 0.012422

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (attomol/cm ³)	TOTAL ASBESTOS AIR CONC. (attomol/cm ³)	TOTAL ASBESTOS FILTER CONC. (attomol/cm ³)	AIR CONC. FOR STRUCT. 0.5-5µm	AIR CONC. FOR STRUCT. >5-9µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-056-1484	East side of roof	1710	4	0.0497	0.0045	<0.0045	<20.13	NA	NA	NA	NA
02	T02-08-056-1485	West side of roof	1710	4	0.0497	0.0045	<0.0045	<20.13	NA	NA	NA	NA
03	T02-08-056-1486	South side of roof	1710	4	0.0497	0.0045	<0.0045	<20.13	NA	NA	NA	NA
04	T02-08-056-1487	North side of roof	1710	4	0.0497	0.0045	<0.0045	<20.13	NA	NA	NA	NA
05	T02-08-056-1488	Center of roof	1710	4	0.0497	0.0045	<0.0045	<20.13	NA	NA	NA	NA

For field use

La. H. A. 5.2

ANALYST
E. Sionaki

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 161958, ELAP 10955

- Air sampling cassettes will be stored for study (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.
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