



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pinner Engineers, P.C.
LABORATORY ID #: T02-10-058
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 123 Williams Street
DATE OF REPORT: 10/1/02
DATE OF ANALYSIS: 10/1/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. % ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (micro/cm ²)	TOTAL ASBESTOS AIR CONC. (f/cc.ftm ³)	TOTAL ASBESTOS FILTER CONC. (micro/area)	AIR CONC. FOR STRUCT. 0.5-5.0µm	AIR CONC. FOR STRUCT. 5-9.0µm	ASBEST. TYPE CHRYS.	AMFIB. ASBEST. TYPE SPECIFY
01	T02-10-058-2968	Perthamsc entry/stairway A	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
02	T02-10-058-2969	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
03	T02-10-058-2970	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
04	T02-10-058-2971	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
05	T02-10-058-2972	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA

G. Siakiri
ANALYST
E. Siakiri

[Signature]
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 capacities will be allowed 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.

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OCT-15-2002 11:30

**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-058
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.D. AREA (mm²): 0.013838

PROJECT: NYC DEP, 123 Williams Street
DATE OF REPORT: 10/11/02
DATE OF ANALYSIS: 10/11/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.D. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/cm ²)	AIR CONC. FOR STRUCT. 0.5<S<3µm	AIR CONC. FOR STRUCT. S>3µm	ASBEST. TYPE CHRYS.	ANALYT. ASBEST. TYPE SPECIFY
06	T02-10-058-2973	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
07	T02-10-058-2974	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
08	T02-10-058-2975	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
09	T02-10-058-2976	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
10	T02-10-058-2977	East side N corner stairway B	1677.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA

ANALYST
E. Sioukri

LABORATORY DIRECTOR
Spiru Dengaris

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 air borne 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.

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