

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel (718) 784-7490

Fax (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T03-02-046

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 250 South End

DATE OF REPORT: 02/25/03

DATE OF ANALYSIS: 02/25/03

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.'s ANAL. VZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (struct./mm ²)	AIR CONC. FOR STRUCT. 0.525-5µm	AIR CONC. FOR STRUCT. 5-50µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T03-02-046-331	Doorway	1680	4	0.0513	0.0045	<0.0045	<19.50	NA	NA	NA	NA
02	T03-02-046-332	East side of roof	1680	4	0.0513	0.0045	<0.0045	<19.50	NA	NA	NA	NA
03	T03-02-046-333	East side of roof	1680	4	0.0513	0.0045	0.0089	39.00	<0.0045	0.0089	Chrys.	NA
04	T03-02-046-334	West side of roof	1680	4	0.0513	0.0045	<0.0045	<19.50	NA	NA	NA	NA
05	T03-02-046-335	West side of roof	1680	4	0.0513	0.0045	0.0045	19.50	0.0045	<0.0045	Chrys.	NA

E. Sioukri

ANALYST
E. Sioukri

E. Sioukri

LABORATORY DIRECTOR
Spiro Dougaris

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 certificates 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.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P. C.
LABORATORY ID #: T03-03-006
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 250 South End Ave. NYC
DATE OF REPORT: 03/13/03
DATE OF ANALYSIS: 03/13/03
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (wt./mm ²)	AIR CONC. FOR STRUCT. 0.55-5.0µm	AIR CONC. FOR STRUCT. 5-5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
01	T03-03-006-367	South side upper roof	1395	5	0.0641	0.0043	<0.0043	<15.60	NA	NA	NA	NA
02	T03-03-006-368	North side upper roof	1395	5	0.0641	0.0043	<0.0043	<15.60	NA	NA	NA	NA
03	T03-03-006-369	Entrance to upper roof	1398	5	0.0641	0.0043	<0.0043	<15.60	NA	NA	NA	NA
04	T03-03-006-370	South side lower roof	1398	5	0.0641	0.0043	<0.0043	<15.60	NA	NA	NA	NA
05	T03-03-006-371	North side lower roof	1401	5	0.0641	0.0043	<0.0043	<15.60	NA	NA	NA	NA

ANALYST
E. Stoukri

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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.
- All 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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