



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-053
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 39 John Street
DATE OF REPORT: 11/11/02
DATE OF ANALYSIS: 11/11/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struc./cm ²)	TOTAL ASBESTOS AIR CONC. (struc./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-053-3970	West side of façade	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
02	T02-11-053-3971	Middle of façade #1	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
03	T02-11-053-3972	Middle of façade #2	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
04	T02-11-053-3973	Middle of façade #3	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
05	T02-11-053-3974	East side of façade	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA

ANALYST
E. Dimitrakas

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.
- 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.

TEL:

Jan 03, 01

8:16 No. 001 P. 03

**228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630**

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE _____ OF _____

P.O. _____

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

CLIENT: NYC DEP
PROJECT: FACADE
LOCATION: 39 JOHN ST

W&P FILE #: 1078-02-01
LABORATORY: ATHEMCA
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 MEHA EPA LEVEL 1
TECHNICIAN: FESTI Amesbury

CONTACT: _____

[illegible]

COMMENTS:

SAMPLE BY: <u>FESTY OSENBERG</u>	DATE: <u>11/10/02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>FESTY O.</u>	DATE: <u>11-10-02</u>
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>A. CASIGA</u>	DATE: <u>11/11/02</u>
SIGNATURE: <u>[Signature]</u>	

T02-11-053

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

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