



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-093
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.013433

PROJECT: NYC DEP, 150 William Street, 13th floor
DATE OF REPORT: 11/20/02
DATE OF ANALYSIS: 11/20/02
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm^2)	ANALYT. SENSITIV. ($\mu\text{g}/\text{m}^3$)	TOTAL ASBESTOS AIR CONC. ($\mu\text{g}/\text{m}^3$)	TOTAL ASBESTOS FILTER CONC. ($\mu\text{g}/\text{mm}^2$)	AIR CONC. FOR STRUCT. 0.5 μm < 5.0 μm	AIR CONC. FOR STRUCT. $\geq 5.0 \mu\text{m}$	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-093-4176	Entry in room	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
02	T02-11-093-4177	North of hall way	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
03	T02-11-093-4178	South of hall way	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
04	T02-11-093-4179	Central of hall way	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
05	T02-11-093-4180	East of hall way	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Emilio Spito
LABORATORY DIRECTOR
Spito 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 13, 01 17:42 NO.001 P.14

**228 East 45th Street
New York, NY 10017
(212) 922-6077
Fax (212) 922-0630**

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

PAGE 1 OF 1

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

P.O. _____

CLIENT: **AEP**

W&P FILE #: 1079-D-02

PROJECT: WTC

LABORATORY: WFP

LOCATION: 150 William St 13th Fl^{AN}

ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL II

CONTACT: M-ALBANY

TECHNICIAN: B. W. 7 E. 111111

[illegible]

COMMENTS:

T02-11-093

SAMPLE BY: Quinn W. Zeltman DATE: 1/18/02
SIGNATURE: [Signature]
RELEASED BY: Quinn W. Zeltman DATE: _____
SIGNATURE: [Signature]
RECEIVED BY: A. C. F. SIGAL DATE: 11/20/02
SIGNATURE: [Signature]

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 DEVEDER ONE TWO ANAL USE SUBPOLITON

TEL:

Jan 13, 01 17:44 No. 001 P. 15