

010/023



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-074
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 50 Broad Street
DATE OF REPORT: 09/22/02
DATE OF ANALYSIS: 09/22/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT#	LAB. ID #	LOCATION	VOLUME (l)	G.O.% ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (struct./cm ²)	AIR CONC. FOR STRUCT. 0.5-5.0 µm	AIR CONC. FOR STRUCT. 5-10 µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-074-2440	At north wall of window (left side)	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
02	T02-09-074-2441	At north wall of window (right side)	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
03	T02-09-074-2442	At north wall of window (center)	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
04	T02-09-074-2443	At north wall 10ft from window (L) side	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
05	T02-09-074-2444	At north wall 10ft from window (R) side	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Spiro Dongaris
LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101950, 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.

09/23/2002 09:26 FAX 7187844085

**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 1 OF 1

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

P.O.

CLIENT: NYC DEP
PROJECT: 50 Broadway Facade
LOCATION: 50 Broad St Manhattan

W&P FILE #:

LABORATORY:

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

TECHNICIAN *CHET RAM*

CONTACT:

LLV#:

SCA JOB#:

[illegible]

COMMENTS:

T02-09-074

SAMPLE BY: <u>CHETRAM RAMRAJ</u>	DATE: <u>9/21/02</u>
SIGNATURE: <u>Chetram Ramraj</u>	
RELEASED BY: <u>CHETRAM RAMRAJ</u>	DATE: <u>9/21/02</u>
SIGNATURE: <u>Chetram Ramraj</u>	
RECEIVED BY: <u>ASAFI</u>	DATE: <u>9/22/02</u>
SIGNATURE: <u>Aljia</u>	

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