


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4065

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-128

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 45 Wall St. NY

DATE OF REPORT: 08/25/02

DATE OF ANALYSIS: 08/25/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	L.A.B. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detection/cm ³)	TOTAL ASBESTOS AIR CONC. (trace/cm ³)	TOTAL ASBESTOS FILTER CONC. (ug/mm ²)	AIR CONC. FOR STRICT. 0.55 < 4um	AIR CONC. FOR STRICT. >= 5.0um	ASBEST. TYPE CURVS.	AMPHIB. ASBEST. TYPE SPECIFY
01 IWA	T02-08-128-1879	12Fl. On terrace. Center of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
02 IWA	T02-08-128-1880	12Fl. On terrace. West section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
03 IWA	T02-08-128-1881	12Fl. On terrace. East section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
04 IWA	T02-08-128-1882	12Fl. On terrace. 8ft. of door entrance	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA
05 IWA	T02-08-128-1883	12Fl. On terrace. South east section of W.A.	1320	5	0.0621	0.0047	<0.0047	<16.10	NA	NA	NA	NA

 ANALYST
E. Sioukri

 LABORATORY DIRECTOR
Spiro Donagatis

LABORATORY CERTIFICATION NUMBERS: NVLAP 161958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling easements 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.

220 East 45th Street
New York, NY 10017
(212) 922-0977
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

CLIENT: **DEP.**
PROJECT: **DEP - Sampling**
LOCATION: **45 Wall St. N.Y.C. 12 Floor**
W&P FILE #: **1079.01.02**
LABORATORY: **Worward Panzer**
ANALYSIS METHOD: **PCM** TEM
circle one **7400** ANERA EPA LEVEL II
TECHNICIAN: **Jury Bedin**
CONTACT: **Mr. M. Nolan**
LLW#:
SCA JOB#:
PAGE **1** OF **1**
P.O.
P.O.
P.O.

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1	INA 12 Floor Terrace, Center of W.A.	3		4.0	4.0	11:55	17:25	330	1320	
2	INA 12 Floor Terrace, West Section of W.A.	3		4.0	4.0	11:57	17:27	330	1320	
3	INA 12 Floor Terrace, East Section of W.A.	3		4.0	4.0	11:59	17:29	330	1320	
4	INA 12 Floor Terrace, 8 Ft of Deck Entrance	3		4.0	4.0	12:01	17:31	330	1320	
5	INA 12 Floor Terrace, South-East Section of W.A.	3		4.0	4.0	12:03	17:33	330	1320	
6	Field Blank	1								
7	Field Blank	1								
8	CB	1								

COMMENTS:

SAMPLE BY: **18-24-02 Jury Bedin** DATE: **8-24-02**

SIGNATURE: **Jury Bedin**

RELEASED BY: **Jury Bedin** DATE: **8-24-02**

SIGNATURE: **Jury Bedin**

RECEIVED BY: **ANALYST** DATE: **8/25/02**

SIGNATURE: **Jury Bedin**

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