


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 704-7480

Fax. (718) 704-4885

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-09-096

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 70 Fulton Street

DATE OF REPORT: 09/27/02

DATE OF ANALYSIS: 09/27/02

 REFLECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (l)	G.O. % ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detect/cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/cm ²)	AIR CONC. FOR STRUCT. 0.5-5-2µm	AIR CONC. FOR STRUCT. 5-3.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
001	T02-09-096-2561	East roof	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA
002	T02-09-096-2562	East roof	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA
003	T02-09-096-2563	Inside building	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA
004	T02-09-096-2564	West roof	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA
005	T02-09-096-2565	West roof	1620	4	0.0554	0.0043	<0.0043	<18.07	NA	NA	NA	NA

E. Siorkin

 ANALYST
E. Siorkin

 LABORATORY DIRECTOR
Spiro Douganis

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 sized for sixty (60) days. AES Inc., should be notified within this time frame for a free duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported airborne concentrations 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 relies 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.

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
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
15	100	100	100	100	100
16	100	100	100	100	100
17	100	100	100	100	100
18	100	100	100	100	100
19	100	100	100	100	100
20	100	100	100	100	100
21	100	100	100	100	100
22	100	100	100	100	100
23	100	100	100	100	100
24	100	100	100	100	100
25	100	100	100	100	100
26	100	100	100	100	100
27	100	100	100	100	100
28	100	100	100	100	100
29	100	100	100	100	100
30	100	100	100	100	100
31	100	100	100	100	100
32	100	100	100	100	100
33	100	100	100	100	100
34	100	100	100	100	100
35	100	100	100	100	100
36	100	100	100	100	100
37	100	100	100	100	100
38	100	100	100	100	100
39	100	100	100	100	100
40	100	100	100	100	100
41	100	100	100	100	100
42	100	100	100	100	100
43	100	100	100	100	100
44	100	100	100	100	100
45	100	100	100	100	100
46	100	100	100	100	100
47	100	100	100	100	100
48	100	100	100	100	100
49	100	100	100	100	100
50	100	100	100	100	100
51	100	100	100	100	100
52	100	100	100	100	100
53	100	100	100	100	100
54	100	100	100	100	100
55	100	100	100	100	100
56	100	100	100	100	100
57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	1	

CLIENT: DEP

W&P FILE #: 107901902

PROJECT: ROOF CLEANUP
LOCATION: 70 Fulton Street

LABORATORY: WALL HENRICKS

ANALYSIS METHOD: PCM TEM TEM TEM

circle one
7400
ALBERTA-EPAL ELEV' II

TECHNICIAN: **AB-74118** **Feb-73**

CONTACT: ~~Steve~~ Steve Remus

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (Hrs)	CONCENTR. (lb./cc.)
001	East roof	3		3 2	0810 1710	540	1620	
002	East Roof	3		3 3	0811 1711	540	1620	
003	Inside Building	3		3 3	0813 1713	540	1620	
004	West Roof	3		3 3	0814 1714	540	1620	
005	West Roof	3		3 3	0815 1715	540	1620	
006	Field Blank							
007	Field Blank							

COMMENTS:

102-09-096

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.

SAMPLE BY:	ARTHUR JETER	DATE:	9/26/02
SIGNATURE:	<i>Arthur Jeter</i>		
RELEASED BY:	ARTHUR JETER	DATE:	9/26/02
SIGNATURE:	<i>Arthur Jeter</i>		
RECEIVED BY:	A. C. JIGAN	DATE:	9/27/02
SIGNATURE:	<i>A. C. Jigan</i>		