



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7480
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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-054

ANALYT. METHODOLOGY: ASHRA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.01388

PROJECT: NYC DEP, 10-12 Platt Street

DATE OF REPORT: 10/10/02

DATE OF ANALYSIS: 10/10/02

EFFECTIVE FILTER AREA (mm²): 185

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'S ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (femt/cm ²)	TOTAL ASBESTOS AIR CONC. (femt/cm ³)	TOTAL ASBESTOS FILTER CONC. (femt/cm ³)	AIR CONC. FOR STRUCT. 0.555 f/cm ³	AIR CONC. FOR STRUCT. 0.555 f/cm ³	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFIC
ID 01	T02-10-054-2948	IWA right side of WA	1530	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA
ID 02	T02-10-054-2949	IWA 1 st middle of WA	1530	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA
ID 03	T02-10-054-2950	IWA 2 nd middle of WA	1530	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA
ID 04	T02-10-054-2951	IWA left side of WA	1530	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA
ID 05	T02-10-054-2952	Back to the roof	1530	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA

E. Dimitrakas

ANALYST
E. Dimitrakas

Spiro Dougatis

LABORATORY DIRECTOR
Spiro Dougatis

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 equipment will be stored 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 requested airborne concentration was derived based on information provided by the client. Under these circumstances, the air concentration data is applied 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 reprinted 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: NYC DEP
W&P FILE #: 1079-01-02

PROJECT: 1A/10 21-1-55-22

ANALYSIS METHOD:	PCM	TEMP
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circle 0718

TECHNICIAN: LDRIS + DOWDY

CONTACT: MICHAEL MOLAN

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P.O.

W&P FILE #: 10-79-01-02

LABORATORY: W & P

ANALYSIS METHOD:	PCM	TEMP
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circle 0718

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P.O.

W&P FILE #: 10-79-01-02

LABORATORY: W & P

ANALYSIS METHOD:	PCM	TEMP
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circle 0718

TECHNICIAN: LDRIS + DOWDY

[illegible]

CONCLUSION

SAMPLE BY: TDRIS IDOWY
SIGNATURE: *TDRIS IDOWY*
RELEASED BY: TDRIS IDOWY
SIGNATURE: *TDRIS IDOWY*
RECEIVED BY: A. C. HIGGINS
SIGNATURE: *A. C. HIGGINS*
DATE: 10-09-02
DATE: 10-09-02
DATE: 10/10/02

102-10-054

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