


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel (718) 784-7430
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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-09-079

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 55 Fulton St.

DATE OF REPORT: 09/22/02

DATE OF ANALYSIS: 09/22/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (STRUCT/CM ²)	TOTAL ASBESTOS AIR CONC. (STRUCT/CM ²)	TOTAL ASBESTOS FILTER CONC. (STRUCT/CM ²)	AIR CONC. FOR STRUCT. 0.5-5.0 µm	AIR CONC. FOR STRUCT. 5.0-10 µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-079-2465	Decon	1500	4	0.0554	0.0046	<0.0046	<18.07	NA	NA	NA	NA
02	T02-09-079-2466	West side of roof	1500	4	0.0554	0.0046	<0.0046	<18.07	NA	NA	NA	NA
03	T02-09-079-2467	Center of roof	1500	4	0.0554	0.0046	<0.0046	<18.07	NA	NA	NA	NA
04	T02-09-079-2468	South side of roof	1500	4	0.0554	0.0046	<0.0046	<18.07	NA	NA	NA	NA
05	T02-09-079-2469	Below roof	1500	4	0.0554	0.0046	<0.0046	<18.07	NA	NA	NA	NA

E. Sioultri

ANALYST

E. Sioultri

LABORATORY DIRECTOR

Spiro Dungearis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, KJAP 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.

**228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0830**

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

Fax (212) 922-0830

	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

LABORATORY: 95 HEN/CA

ANALYSIS METHOD:	PCM	TEMP	TEMP

circle one 7400 AHERA EPA LEVI

TECHNICIAN: 1-884-1854

CONTACT:

P.O.

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OF

COMMENTS:

402-09-079

SAMPLE BY: FESTY CREMUELTE DATE: 09-21-02

SIGNATURE:

RELEASED BY: FBI OSG/MS/ELU DATE: 09-21-02

SIGNATURE:

RECEIVED BY: A. G. HAZA DATE: 9/22/04

SIGNATURE:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (flb./cc.)
01	DECON	3		5 5	1100 1600	300	1500	
02	WEST SIDE OF ROOF	3		5 5	1102 1602	300	1500	
03	CENTER OF ROOF	3		5 5	1104 1604	300	1500	
04	SOUTH SIDE OF ROOF	3		5 5	1106 1606	300	1500	
05	BELOW ROOF	3		5 5	1108 1608	300	1500	
06	BLANK	1						
07	"	1						
08	"	1						

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

1134 030