


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pawzer Engineers, P.C.

LABORATORY ID #: T02-09-081

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 60 Williams St.

DATE OF REPORT: 09/23/02

DATE OF ANALYSIS: 09/23/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'S ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (microg./cm ³)	TOTAL ASBESTOS AIR CONC. (microg./cm ³)	TOTAL ASBESTOS FILTER CONC. (microg./mm ²)	AIR CONC. FOR 0.5SS<5µm	AIR CONC. FOR STRUCT. S2.5-8µm	ASBEST. TYPE CHRS.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-09-081-2475	North of Pine St	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
2	T02-09-081-2476	Across from 60 S	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
3	T02-09-081-2477	Across from 60 W	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
4	T02-09-081-2478	Across from 60 E	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
5	T02-09-081-2479	Across central	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA

ANALYST

R. Shoukri

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

LABORATORY DIRECTOR

Spuro Dargatzis

- 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., and not otherwise sampling, are reported atmospheric 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) 922-0630**

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
100%	100%	100%	100%	100%	100%
90%	90%	90%	90%	90%	90%
80%	80%	80%	80%	80%	80%
70%	70%	70%	70%	70%	70%
60%	60%	60%	60%	60%	60%
50%	50%	50%	50%	50%	50%
40%	40%	40%	40%	40%	40%
30%	30%	30%	30%	30%	30%
20%	20%	20%	20%	20%	20%
10%	10%	10%	10%	10%	10%
0%	0%	0%	0%	0%	0%

CLIENT:

PROJECT.

LOCATION:

W&P FILE #: 44-79-01-52

LABORATORY:

ANALYSIS METHOD:

circle one

TECHNICIAN:

CONTACT:

PCM TEM TEM

PCM TEM TEM

7400 AHERA / EPA LEVEL II

27/1/20

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1	North Dune St	✓	1	7 7	1610 1810	240	1680	
2	Acecos from Co. S		2	7 7	1611 1811	240	1680	
3	Acecos from CO W		3	7 7	1612 1812	240	1680	
4	Acecos from 6D E		4	7 7	1613 1813	240	1680	
5	Acecos Central	3	5	7 7	1615 1815	240	1680	
6	F-B	—	—					
7	F-B	—	—					
8	F-B	—	—					

SAMPLE BY: W. S. G. 17 1/23/00
 SIGNATURE: [Signature]
 RELEASED BY: [Signature]
 SIGNATURE: [Signature]
 RECEIVED BY: E. S. G. 17
 SIGNATURE: [Signature]

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