


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-07-043
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.008643

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 29 Broadway
 DATE OF REPORT: 07/31/02
 DATE OF ANALYSIS: 07/31/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (cc)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (air/cc/cm ²)	TOTAL ASBESTOS AIR CONC. (struc./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S>5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-07-043-1164	Decon	1305	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-043-1165	Lobby Area East	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-043-1166	Lobby Area West	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
4	T02-07-043-1167	29 th Floor East	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
5	T02-07-043-1168	29 th Floor West	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA

ANALYST
 E. Sioulkri

LABORATORY DIRECTOR
 Spiro Dougaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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 Athena's Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 704-7400

Fax. (718) 704-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P. C.
 LABORATORY ID #: T02-07-043
 ANALYT. METHODOLOGY: AHERA
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LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (struct./mm ²)	AIR CONC. FOR STRUCT. 0.55<Sum	AIR CONC. FOR STRUCT. >5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SOPACIFY
6	T02-07-043-1169	29 th Floor Entrance	1308	7	0.0605	0.0049	0.0049	16.53	0.0049	<0.0049	Chrys.	NA
7	T02-07-043-1170	Lobby IWA East	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
8	T02-07-043-1171	Lobby IWA West	1308	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA

 ANALYST
 E. Sioulis

 LABORATORY DIRECTOR
 Spiro Dongatis

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 activities will be timed 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.
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07/31/2002 17:20 FAX 718 784 4085

0004/004

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

228 East 45th Street
 New York, NY 10017
 (212) 822-8077
 Fax (212) 922-0630

PAGE 1 OF 2
 P.O. _____
 CONTACT: Benny 917 497 847

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

W&P FILE #: 1079-07-02

LABORATORY:

ANALYSIS METHOD: PCM TEM
 circle one 7400 AHERM EPA LEVEL II

TECHNICIAN: DAVID CRENSHAW

CLIENT: NYC DEP

PROJECT: BUILDING'S RECLEANING

LOCATION: 29 BROADWAY St

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (fib./cc.)
1	Dorm Invt East	3	1	3 3	1255 2010	435	1305	
2	Lobby Area East	3	2	6 6	1300 1638	218	1308	
3	" " west	3	3	6 6	1301 1639	218	1308	
4	29th Floor East	3	4	6 6	1710 2048	218	1308	
5	" " west	3	5	6 6	1711 2049	218	1308	
6	" " Entrance	3	6	6 6	1720 2058	218	1308	
7	Lobby Invt East	3	7	6 6	1700 2038	218	1308	
8	" " west	3	8	6 6	1701 2039	218	1308	
9	field blank	1						
10	field blank	1						

UNABATED

702-07-043

SAMPLE BY: DAVID CRENSHAW DATE: 7/30/02

SIGNATURE: David

RELEASED BY: DAVID CRENSHAW DATE: 7/30/02

SIGNATURE: David

RECEIVED BY: C. Signer DATE: 7/30/02

SIGNATURE: ef

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