

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P. C.
 LABORATORY ID #: T02-07-050
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 150/152 Chambers Street
 DATE OF REPORT: 08/01/02
 DATE OF ANALYSIS: 08/01/02
 EFFECTIVE FILTER AREA (mm²): 385



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490
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LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.% ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (direct/cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/cm ²)	AIR CONC. FOR STRUCT. 0.5 ≤ S ≤ 5.0 μm	AIR CONC. FOR STRUCT. S ≥ 5.0 μm	ASBEST. TYPE CRYST.	AMPHIB. ASBEST. TYPE SPECIFY
1A	T02-07-050-1202	Entrance on east side of roof	1560	4	0.0497	0.0050	<0.0050	<20.13	NA	NA	NA	NA
2A	T02-07-050-1203	Entrance on west side of roof	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
3A	T02-07-050-1204	Center area on deck	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
4A	T02-07-050-1205	South on deck	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
5A	T02-07-050-1206	North on deck	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA

ANALYST
 E. Stoukri

LABORATORY DIRECTOR
 Spiro Dougaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES) is a certified laboratory for asbestos analysis.
- 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
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(212) 922-0077
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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

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P.O.

CLIENT: NYP-DEP

PROJECT: Raymond Chambers

LOCATION: 60-52 Chambers

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD: PCM TEM

circle one 7400 AHERA EPA LEVEL II

TECHNICIAN: N Wells

CONTACT: Nike Nolan

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
001A	Entrance on East side of roof	3		4	4	07:00	08:30	01:30	1560	
002A	Entrance on West side of roof	3		4	4	08:01	13:31	05:30	1560	
003A	Entrance on deck	3		4	4	08:02	13:32	05:30	1560	
004A	South side of deck	3		4	4	08:03	13:33	05:30	1560	
005A	North side of deck	3		4	4	08:04	13:34	05:30	1560	
006	Field	1								
007	Field	1								
008	Field	1								

SAMPLE BY: <u>N Wells</u>	DATE: <u>7/27</u>
SIGNATURE: <u>N Wells</u>	DATE: _____
RELEASED BY: _____	DATE: _____
SIGNATURE: _____	DATE: <u>7/31/02</u>
RECEIVED BY: <u>E. Simpson</u>	DATE: <u>7/31/02</u>
SIGNATURE: <u>ES</u>	DATE: _____

702-07-050

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