



ATHENICA

ENVIRONMENTAL SERVICES INC.
Tel (718) 784-7490
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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T03-03-033
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 2 South End Avenue
DATE OF REPORT: 03/23/03
DATE OF ANALYSIS: 03/23/03
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (struc./cm ³)	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>5µm	ASBEST. TYPE CHYRS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T03-03-033-501	South side (roof)	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
02	T03-03-033-502	1 st middle (roof)	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
03	T03-03-033-503	2 nd middle (roof)	1500	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
04	T03-03-033-504	3 rd middle (roof)	1510	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA
05	T03-03-033-505	North side (roof)	1510	4	0.0513	0.0050	<0.0050	<19.50	NA	NA	NA	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Dengaris

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 cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a time 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 liters tested. This report must not be used in 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.

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228 East 45th Street
New York, NY 10017
(212) 922-9877
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WARREN & PANZER ENGINEERS, P. C. AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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P.O.

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

CLIENT: NYC DEP
PROJECT: CLEANING (Roof)
LOCATION: 2 South End Ave NYC
W&P FILE # 1079 01-02
LABORATORY: NYC DEP
ANALYSIS METHOD: PCM TEM TEM
circs one 7400 (AHERA) EPA LEVEL II
TECHNICIAN: Dipo ELEMO

CONTACT: NOLAN, M

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
01	South side (Roof)	3		5	5	0700	1200	300	1500	
02	1st middle	3		5	5	0701	1201	300	1500	
03	2nd middle	3		5	5	0702	1202	300	1500	
04	3rd middle	3		5	5	0703	1205	302	1510	
05	North side	3		5	5	0705	1207	302	1510	
06	FIELD BLANK	1				NA				
07	FIELD BLANK	1				NA				

COMMENTS:

103-03-033

SAMPLE BY: Dipo ELEMO DATE: 3-22-03
SIGNATURE: Dipo
RELEASED BY: Dipo ELEMO DATE: 3-22-03
SIGNATURE: Dipo
RECEIVED BY: ALEX CATAL DATE: 3/23/03
SIGNATURE: Alex Catal

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