

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**ATHENICA**

ENVIRONMENTAL SERVICES INC.

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CLIENT: Warren & Panzer Engineers, P. C.
 LABORATORY ID #: T03-01-008
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 15 Park Row
 DATE OF REPORT: 01/11/03
 DATE OF ANALYSIS: 01/11/03
 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 ³)	TOTAL ASBESTOS AIR CONC. (struct./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.	ASBEST. TYPE AMPHIB.
01	T03-01-008-034	Personal decon	1611	4	0.0513	0.0047	<0.0047	<19.50	NA	NA	NA	NA
02	T03-01-008-035	28 th floor south side	1608	4	0.0513	0.0047	<0.0047	<19.50	NA	NA	NA	NA
03	T03-01-008-036	28 th floor south side	1608	4	0.0513	0.0047	<0.0047	<19.50	NA	NA	NA	NA
04	T03-01-008-037	27 th floor west side-court yard	1608	4	0.0513	0.0047	<0.0047	<19.50	NA	NA	NA	NA
05	T03-01-008-038	27 th floor west side-court yard	1608	4	0.0513	0.0047	<0.0047	<19.50	NA	NA	NA	NA

*E. Sioukri*ANALYST
E. Sioukri*Sam Pitt*LABORATORY DIRECTOR
Spiro Dongaris**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 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.

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____

P.O.

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

CLIENT: NYC-DEP -

W&P FILE #: 1079 0201

PROJECT: DEP'S & EACAO'S

LABORATORY: ATLAS

LOCATION: 55 PARK ROW -

ANALYSIS METHOD: PCM 7400

TEM AHERA

EPA LEVEL II

TECHNICIAN:

CONTACT: ATLAS

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (mg./cc.)
01	PERSONAL DEPEND -	3	7	5	5	0800	13 37	337.2	16.11	
02	STAIR -	3	7	5	5	0803	13 37	337.6	16.08	
03	28 FLR STAIR STAIR -	3	7	5	5	0804	13 41	337.6	16.08	
04	27 FLR -	3	7	5	5	0806	13 41	337.6	16.08	
05	27 FLR -	3	7	5	5	0807	13 42	337.6	16.08	
06	FIELD FLAIR	①	7							
07	FIELD FLAIR -	①	7							

COMMENTS:

SAMPLE BY: J. Banger DATE: 01-10-03

SIGNATURE: J. Banger

RELEASED BY: J. Banger DATE: 01-10-03

SIGNATURE: J. Banger

RECEIVED BY: A. CHABA DATE: 01-10-03

SIGNATURE: A. Chaba

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