


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warrick & Panzer Engineers, P. C.

LABORATORY ID #: T02-08-050

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 50 Broad Street

DATE OF REPORT: 08/11/02

DATE OF ANALYSIS: 08/11/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (stres./cm ²)	TOTAL ASBESTOS AIR CONC. (stres./cm ²)	TOTAL ASBESTOS FILTER CONC. (stres./mm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 0.25-0.4µm	ASBEST. TYPE CHYNS.	AMPHIB. ASBEST. TYPE SPECIFY
001	T02-08-050-1456	Front of 50 Broad entrance	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
002	T02-08-050-1457	Across Liberty track	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
003	T02-08-050-1458	Front of Subway entrance	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
004	T02-08-050-1459	Front of Island	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA
005	T02-08-050-1460	At end of work area	1225	5	0.0621	0.0050	<0.0050	<16.10	NA	NA	NA	NA

 ANALYST
 E. Sioukri

 LABORATORY DIRECTOR
 Spiro Douganis

LABORATORY CERTIFICATION NUMBERS: NV/LAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling exercises 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 reflects only to items tested. This report must not be used to claim product endorsement by NV/LAP 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

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

CLIENT: NYC DEP
PROJECT: 50 Beed St.
LOCATION: 60 Beed St.

W&P FILE #: 1079-01,02

LABORATORY:

ANALYSIS METHOD: PCM TEM
circle one 7400 (AHERA EPA LEVEL II)

TECHNICIAN: ELEN CANES

CONTACT: Mike Delany

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
001	FRONT OF 50 Beed St. Entry	3		3.5	10:30 16:30	360	1260	
002	15 ft from dog cage	3		3.5	10:31 16:31	360	1260	
003	FRONT OF STORE FRONT (Woods)	3		3.5	10:32 16:32	360	1260	
004	FRONT OF STORE FRONT (Woods)	3		3.5	10:33 16:33	360	1260	
005	FRONT OF STORE FRONT (Woods)	3		3.5	10:34 16:34	360	1260	
006	FIELD BLANK	1						
007	FIELD BLANK	1						
008	FIELD BLANK	1						

COMMENTS:

SAMPLE BY: E. C. S. DATE: 8/12/02

SIGNATURE: E. C. S. DATE: 8/12/02

RELEASED BY: E. C. S. DATE: 8/12/02

SIGNATURE: E. C. S. DATE: 8/12/02

RECEIVED BY: E. C. S. DATE: 8/12/02

SIGNATURE: E. C. S. DATE: 8/12/02

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

702-08-053