


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-09-076
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.013838

 PROJECT: NYC DEP, 187 Broadway
 DATE OF REPORT: 09/22/02
 DATE OF ANALYSIS: 09/22/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (street/cm ³)	TOTAL ASBESTOS AIR CONC. (street/cm ³)	TOTAL ASBESTOS FILTER CONC. (street/cm ³)	AIR CONC. FOR STRUCT. 0.25-5µm	AIR CONC. FOR STRUCT. 5-15µm	ASBEST. TYPE CHRYVS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-076-2450	Perimeter north	1501.5	4	0.0534	0.0046	<0.0046	<18.07	NA	NA	NA	NA
02	T02-09-076-2451	Street	1362	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
03	T02-09-076-2452	Street	1362	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
04	T02-09-076-2453	Perimeter south	1362	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
05	T02-09-076-2454	Perimeter south	1362	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA

E. Sioukri

 ANALYST
 E. Sioukri

 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.

226 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-8630

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: De PW&P FILE #: 1079 01 02PROJECT: PACAGE - ROOFLABORATORY: ATHABECACONTACT: Mike NolanLOCATION: 187 BroadwayANALYSIS METHOD: PCM TEM TEMcircle one 7400 NIHRA BPA LEVEL MTECHNICIAN: J.B. Apone

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (fib./cc.)
01	PREMISES	3		03	10	08	7:50	272.4	1562	
02	STREET	3		08	5	08:02	9:50	272.4	1562	
03	STREET	3		08	5	08:03	9:57	272.4	1562	
04	PERMETER SOUTH	3		08	5	08:04	9:58	272.4	1562	
05	PERMETER SOUTH	3		08	5	08:05	9:59	272.4	1562	
06	FIELD BLANK									
07	FIELD BLANK									

COMMENTS:

102-09-076

SAMPLE BY: <u>J.B. Apone</u>	DATE: <u>09-21</u>
SIGNATURE: <u>J.B. Apone</u>	
RELEASED BY: <u>J.B. Apone</u>	DATE: <u>09-21</u>
SIGNATURE: <u>J.B. Apone</u>	
RECEIVED BY: <u>J.B. Apone</u>	DATE: <u>09-21</u>
SIGNATURE: <u>J.B. Apone</u>	

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

015/023

09/23/2002 09:28 FAX 7167644055