

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Paez Engineers, P. C.
 LABORATORY ID #: T02-08-057
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 196 Broadway
 DATE OF REPORT: 08/13/02
 DATE OF ANALYSIS: 08/13/02
 EFFECTIVE FILTER AREA (mm²): 385

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7440
Fax. (718) 784-4085**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (asbestos/area)	TOTAL ASBESTOS AIR CONC. (asbestos/cm ³)	TOTAL ASBESTOS FILTER CONC. (asbestos/cm ³)	AIR CONC. FOR STRICT. 0.55-5.0um	AIR CONC. FOR STRICT. >5.0um	ASBEST. TYPE CHRYS.	ANALYT. ASBEST. TYPE SPECIFY
01	T02-08-057-1489	East side of roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02	T02-08-057-1490	West side of roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
03	T02-08-057-1491	South side of roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
04	T02-08-057-1492	North side of roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
05	T02-08-057-1493	Center of roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

ANALYST
 E. Stokui

LABORATORY DIRECTOR
 Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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
New York, NY 10017
(212) 922-0077
Fax (212) 922-0600

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: 900 F
LOCATION: 196 BROADWAY
W&P FILE #: 1079-01-02
LABORATORY: WPP
ANALYSIS METHOD: PCM TEM TEMP
7400 AERBA EPA LEVEL II
TECHNICIAN: I - 038mw9.01E/1100
CONTACT: NYC-HEAT NOUAP

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc.)
01	24 hr ⁺ OF ROOF	3		03	03	0900	1900	600	1800	
02	WEST "	3		03	03	0902	1902	600	1800	
03	SOUTH "	3		03	03	0904	1904	600	1800	
04	NORTH "	3		03	03	0906	1906	600	1800	
05	CENTER "	3		03	03	0908	1908	600	1800	
06	field Blank	1	1	1	2			0	0	
07	Sealed Blank	1	1	1	2			0	0	
08	Sealed Blank	1	1	1	2			0	0	

COMMENTS:

SAMPLE BY: Festy/Dipo Slamo DATE: 8/11/02
SIGNATURE: [Signature]
RELEASED BY: Dipo Slamo DATE: 8/11/02
SIGNATURE: [Signature]
RECEIVED BY: G. Sicely DATE: 8/13/02
SIGNATURE: [Signature]

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