


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

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CLIENT: Warren & Parizer Engineers, P.C.

LABORATORY ID #: T02-08-164

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 47 Murray St.

DATE OF REPORT: 09/02/02

DATE OF ANALYSIS: 09/01/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (micrograms/cm ²)	TOTAL ASBESTOS AIR CONC. (micrograms/cm ³)	TOTAL ASBESTOS FILTER CONC. (micrograms/cm ²)	AIR CONC. FOR STRUCT. 0.5-5-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYSL.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-164-2058	Area adjacent to Entrance	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
02	T02-08-164-2059	Center area- Street	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
03	T02-08-164-2060	Left side on sidewalk	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
04	T02-08-164-2061	Left side on street	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA
05	T02-08-164-2062	Right side- street	1500	5	0.0621	0.0041	<0.0041	<16.10	NA	NA	NA	NA

En. Dir. A. H. 10/1/02

 ANALYST
 Li. Siotkui

En. Dir. A. H. 10/1/02

 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 air borne 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

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

CLIENT: NYC-DEP
PROJECT: facade cleaning
LOCATION: 47th Street

W&P FILE #: 1099-01-02
LABORATORY: NYC
ANALYSIS METHOD: PCM
circle one
TECHNICIAN: N. Wells

CONTACT: Nick Nolan
LLW#:
SCA JOB#:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
				START	STOP	ON	OFF			
001A	Area Adj to Entrance	3		10	10	07:30	10:00	150	1500	
002A	Cont. area - street	3		10	10	07:31	10:01	150	1500	
003A	Left side on sidewalk	3		10	10	07:32	10:02	150	1500	
004A	Left side on street	3		10	10	07:33	10:03	150	1500	
005A	Right side - street	3		10	10	07:34	10:04	150	1500	
006	Field	1								
007	Field	1								
008	Sealed	1								

COMMENTS: Lab. dupl - lab

SAMPLE BY: N. Wells DATE: 9/31
SIGNATURE: N. Wells
RELEASED BY: N. Wells DATE: 9/31
SIGNATURE: N. Wells
RECEIVED BY: A. Callahan DATE: 9/1/02
SIGNATURE: A. Callahan

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