NYC 9/11 Public Portal Document

Dec 31,00 16:13 No.003 P.04

ATHENICA
ENVIRONMENTAL SERVICES INC.
Tel. (718) 784-7490
Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-050
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.013433

PROJECT: NYC DEP, 39 John Street
DATE OF REPORT: 11/10/02
DATE OF ANALYSIS: 11/10/02
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (lt)	G.O.'s ANAL YZED	AREA ANALY ZED (mm^2)	ANALYT. SENSITIV. (struct./cm^3)	TOTAL ASBESTOS AIR CONC. (struc./cm^3)	TOTAL ASBESTOS FILTER CONC. (str./mm^2)	AIR CONC. FOR STRUCT. 0.5≤S<5µm	AIR CONC. FOR STRUCT. 5≤S µm	ASBST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
01	T02-11-050-3954	South side of façade	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
02	T02-11-050-3955	Middle of façade 1	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
03	T02-11-050-3956	Middle of façade 2	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
04	T02-11-050-3957	Middle of façade 3	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
05	T02-11-050-3958	North side of facade	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA

ANALYST
E. Siouksi

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.

NYC-WTC_000092832

NYC 9/11 Public Portal Document

11/10/2002 16:24 FAX 008 Dec 31,00 15:13 No.003 P.05

228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0530

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____

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

P.O. _____

CLIENT: NYC DEP
PROJECT: FACADE
LOCATION: 39 JOHN

W&P FILE #: 1079-02-01
LABORATORY: ATHENICA
ANALYSIS METHOD: PCM (TEM) TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: FESTY OSEMWENGIE

CONTACT:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (fib./cc.)
01	SOUTH SIDE OF FACADE	3		4	4	0900	1630	450	1800	
02	MIDDLE OF FACADE 1	3		4	4	0902	1632	450	1800	
03	" " " 2	3		4	4	0904	1634	450	1800	
04	" " " 3	3		4	4	0906	1636	450	1800	
05	NORTH SIDE OF FACADE	3		4	4	0908	1638	450	1800	
06	BLANK	1	—							
07	"	1	—							

COMMENTS:

T02-11-050

SAMPLE BY: FESTY OSEMWENGIE DATE: 11-09-02
SIGNATURE: [signature]
RELEASED BY: FESTY OSEMWENGIE DATE: 11-09-02
SIGNATURE: _____
RECEIVED BY: A. CATIGAL DATE: 11/11/02
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

NYC-WTC_000092833