



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-050
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013771

PROJECT: NYC DEP, 44 John St.
DATE OF REPORT: 09/15/02
DATE OF ANALYSIS: 09/15/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ³)	AIR CONC. FOR STRUCT. 0.558-5.1um	AIR CONC. FOR STRUCT. 5.25.0um	ASBEST. TYPE CHRVS.	AMPHIB. ASBEST TYPE SPECIFY
01	T02-09-050-2317	East side	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
02	T02-09-050-2318	Center 1	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
03	T02-09-050-2319	Center 2	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
04	T02-09-050-2320	Center 3	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
05	T02-09-050-2321	West side	1350	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA

E. Siu

ANALYST
E. Siu

Spiro Dongaris

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) 922-0630

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:

ROOF/FACADE

LOCATION:

44 JOHN ST

W&P FILE #:

1079-01-02

LABORATORY:

ATHEMICAL

CONTACT:

ANALYSIS METHOD:

PCM TEM TEM

circle one

7400

AHERA EPA LEVEL II

TECHNICIAN:

FESTY OSEMWEEENE

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
				START	STOP	ON	OFF			
01	EAST SIDE	3		9	9	1400	1630	150	1350	
02	CENTER 1	3		9	9	1402	1632	150	1350	
03	CENTER 2	3		9	9	1404	1634	150	1350	
04	CENTER 3	3		9	9	1406	1636	150	1350	
05	WEST SIDE	3		9	9	1408	1638	150	1350	
06	BLANK									
07	"									
08	"									

COMMENTS:

T02-09-050

SAMPLE BY:

FESTY OSEMWEEENE

DATE:

09-14-02

SIGNATURE:

FESTY

RELEASED BY:

FESTY OSEMWEEENE

DATE:

09-14-02

SIGNATURE:

FESTY

RECEIVED BY:

A. CATIGAL

DATE:

9/15/02

SIGNATURE:

A. Catigal

SAMPLE TYPE CODES

1 - Blank

2 - Pre-Abatement

3 - During Abatement

4 - During Glove Bag Removal

5 - Final Clearance (inside)

6 - Final Clearance (outside)

7 - Personal

8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

015

09/16/2002 16:48 FAX 718 784 4085