


ATHENICA
 ENVIRONMENTAL SERVICES INC.

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 Fax: (718) 794-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-11-042

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: MCE

 AVERAGE G.O. AREA (mm²): 0.013413

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/08/02

DATE OF ANALYSIS: 11/08/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (m)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (femto/cm ³)	TOTAL ASBESTOS AIR CONC. (femto/cm ³)	TOTAL ASBESTOS FILTER CONC. (femto/cm ³)	AIR CONC. FOR STRUCT. 0.5-5.0um	AIR CONC. FOR STRUCT. 8-5.0um	ASBEST. TYPE CHYS	ANALYT. TYPE SPECIFY
01	T02-11-042-3916	Decon	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
02	T02-11-042-3917	IWA East roof	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
03	T02-11-042-3918	IWA right side (West roof)	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
04	T02-11-042-3919	IWA middle (West roof)	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
05	T02-11-042-3920	IWA left side (West roof)	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA

 ANALYST
 E. Siokori

 LABORATORY DIRECTOR
 Spiro Douganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Site sampling activities will be stored for six (6) 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 cannot 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.

TEL :

Dec 31, 00

15:27 No.002 P.08

228 East 45th Street
New York, NY 10017
(212) 822-0877
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1

P.O. _____

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

CLIENT: NYC DEP
PROJECT: Cleaning Roof
LOCATION: 100 Church St NYC

W&P FILE #: 10349-01-02
LABORATORY: W&P
ANALYSIS METHOD: PCM (TEM) TEM
circle one 7400 (AHERA) EPA LEVEL II
TECHNICIAN: DIPD ELEMO

CONTACT: M. NOCAH

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (µg./cc.)
01	Decon	3		03 03	0630	1430	480	1440	
02	W&P EAST roof	3		03 03	0631	1431	480	1440	
03	Right side (West roof)	3		03 03	0632	1432	480	1440	
04	Middle (West roof)	3		03 03	0633	1433	480	1440	
05	Left side (West roof)	3		03 03	0635	1435	480	1440	
06	1st floor black	1			NA				
07	-	1			NA				
08	Sealed black	1			NA				

COMMENTS:

T02-01-042

SAMPLE BY: DIPD ELEMO DATE: 11/7/02
SIGNATURE: DIPD
RELEASED BY: DIPD ELEMO DATE: _____
SIGNATURE: DIPD DATE: 11/7/02
RECEIVED BY: AAA DATE: 11/9/02
SIGNATURE: AAA

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