



ATHENICA

BIOREMEDIATION SERVICES INC.
154, 0143 784-7490
Fax: (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-039
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.F.
AVERAGE G.O. AREA (mm²): 0.013435

PROJECT: NYC DEP, 100 Church Street
DATE OF REPORT: 11/07/02
DATE OF ANALYSIS: 11/07/02
EFFECTIVE FILTER AREA (mm²): 185

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (ft ³)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (fibers/cm ³)	TOTAL ASBESTOS AIR CONC. (fibers/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibers/cm ³)	AIR CONC. FOR STRUCT. <5.0µm	AIR CONC. FOR STRUCT. >5.0µm	ASBEST. TYPE (FIBRS)	ANALYT. TYPE SPECTRY
01	T02-11-039-3901	Decon	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
02	T02-11-039-3902	Exit to the roof	1440	4	0.0537	0.0050	0.0199	74.44	0.0100	0.0100	Chrys.	NA
03	T02-11-039-3903	TWA west side of W/A	1440	4	0.0537	0.0050	0.0050	18.61	<0.0050	0.0050	Chrys.	NA
04	T02-11-039-3904	TWA east side of W/A	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
05	T02-11-039-3905	TWA 2 nd east side of W/A	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA

ANALYST
E. Shukri

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10953

LABORATORY DIRECTOR
Spio Douglas

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- Air sampling procedures will be stored for study (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 N.Y.C.D.P. 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 15:24 No.002 P.04

228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0830

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 1/a

PAGE 1 OF 1
P.O. _____

CLIENT: NYC DEP
PROJECT: CEENING Roof
LOCATION: 100 Church St NY

W&P FILE #: 1079-01-02
LABORATORY: JOLIA
ANALYSIS METHOD: PCM TEM TEM
circle 012 7400 AHERA BALANCE 1
TECHNICIAN: D/PO ELEM0

CONTACT:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (mg/cc)
01	Decon	3		03 03	0830	1430	480	1440	
02	Exit to the roof	3		03 03	0831	1430	480	1440	
03	WHA Westside of WH	3		03 03	0832	1430	480	1440	
04	East side	3		03 03	0833	1430	480	1440	
05	2nd Eastside WH	3		03 03	0835	1430	480	1440	
06	field Blank	1							
07	field Blank	1							
08	Sealed Blank	1							

COMMENTS:

T02-11-039

SAMPLE BY: D/PO ELEM0 DATE: 11/6/02
SIGNATURE: D/PO
RELEASED BY: D/PO ELEM0 DATE: 11/6/02
SIGNATURE: 11/6/02
RECEIVED BY: A. CATTLEY DATE: 11/1/02
SIGNATURE: A. Cattley

1 - Blank	5 - Final Clearance (inside)
2 - Pre-Assement	6 - Final Clearance (outside)
3 - During Assement	7 - Personal
4 - During Gb/r Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION