


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 784-7490
 Fax. (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-099

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE C.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 52 William Street

DATE OF REPORT: 11/22/02

DATE OF ANALYSIS: 11/22/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (strand/mm ²)	TOTAL ASBESTOS AIR CONC. (strand/cm ³)	TOTAL ASBESTOS FILTER CONC. (strand/mm ²)	AIR CONC. FOR STRUCT. 0.55-4µm	AIR CONC. FOR STRUCT. 5-25.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-099-4206	Exit to roof	1560	4	0.0537	0.0046	0.0038	55.83	0.0092	0.0046	Chrys.	NA
02	T02-11-099-4207	2 nd exit to roof	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA
03	T02-11-099-4208	TWA right side of WA	1585	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
04	T02-11-099-4209	TWA middle of WA	1585	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
05	T02-11-099-4210	TWA left side of WA	1585	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA

 ANALYST
 E. Sioulon

 LABORATORY DIRECTOR
 Spiro Donganis

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 certificates 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) 922-0830

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1
P.O.

CLIENT: DEP
PROJECT: CLEANING
LOCATION: 52 WILLIAM ST

W&P FILE #: 1079-01-02
LABORATORY: W&P
ANALYSIS METHOD: PCM TEM
circle one 7400 HERA EPA LEVEL II
TECHNICIAN: DIPS ELEMO

CONTACT: M. NOLAN

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (mg/cc)
D1	Exit to roof (5th fl)	O3		04	04	0945	1615	390	1560	
D2	2nd Exit to roof	O3		04	04	0946	1616	390	1560	
D3	W&P Right Side of WA	O3		05	05	1100	1617	317	1585	
D4	- Middle	- O3		05	05	1101	1618	317	1585	
D5	- Left Side - WA	O3		05	05	1102	1619	317	1585	
D6	field blank	1					NA			
D7	-	1					NA			
D8	sealed blank	1					NA			

COMMENTS:

T02-11-099

SAMPLE BY: <u>DIPS ELEMO</u>	DATE: <u>11/21/02</u>
SIGNATURE: <u>DIPS ELEMO</u>	
RELEASED BY: <u>DIPS ELEMO</u>	DATE: <u>11/21/02</u>
SIGNATURE: <u>DIPS ELEMO</u>	
RECEIVED BY: <u>ACATIGAY</u>	DATE: <u>11/21/02</u>
SIGNATURE: <u>ACATIGAY</u>	

SAMPLE TYPE CODES			
1 - Blank	2 - Pre-Abatement	5 - Final Clearance (inside)	
3 - During Abatement	4 - During Glove Bag Removal	6 - Final Clearance (outside)	
		7 - Personal	
		8 - Background	

SEE REVERSE SIDE FOR ANALYSIS INFORMATION