


ATHENICA

 ENVIRONMENTAL SERVICES INC.
 Tel. (718) 796-7400
 Fax. (718) 796-4005

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Warren & Panzer Engineers, P.C.
 LABORATORY ID #: T02-11-045
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.013433

 PROJECT: NYC DEP, 100 Church Street
 DATE OF REPORT: 11/09/02
 DATE OF ANALYSIS: 11/09/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (m ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (femtograms)	TOTAL ASBESTOS AIR CONC. (femtograms/cm ³)	TOTAL ASBESTOS FILTER CONC. (femtograms)	AIR CONC. FOR STRUCT. >5.0um	AIR CONC. FOR STRUCT. <5.0um	ASBEST. TYPE CRYST.	AMPHIB. ASBEST TYPE SELECTIV
01	T02-11-045-3931	On roof west side by entrance	1320	5	0.0672	0.0043	0.0043	14.89	<0.0043	0.0043	Chrys	NA
02	T02-11-045-3932	On roof north west	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
03	T02-11-045-3933	On roof east side	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
04	T02-11-045-3934	On roof south east	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
05	T02-11-045-3935	By hallway leading to roof	1320	5	0.0672	0.0043	0.0043	14.89	<0.0043	0.0043	Chrys	NA

 ANALYST
 E. Spolton

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 16995

 LABORATORY DIRECTOR
 Spiro Demgarris

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling certificates will be issued for any (50) days. AES Inc., should be certified within this time frame for a true objective 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 applied solely for the convenience of the client.
- The report relates only to items tested. The 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 42nd Street
New York, NY 10017
(212) 922-0017
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P.C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____

24 hr^{1/2} 12 hr^{1/2} 6 hr^{1/2} 3 hr^{1/2} Immediate ^{1/2} P.O. _____

CLIENT: D.E.P.
PROJECT: 100 CHOCOLATE ST
LOCATION: COOR

W&P FILE #: 1079-01-02
LABORATORY: ATHENICA
ANALYSIS METHOD: PCM REM TEM
circle one 2400 ANALYST EPA LEVEL II

CONTACT: [Signature]
LW#: [Signature]
SCA/JOBA: [Signature]

TECHNICIAN: S. GARCIA

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (micrograms)
1	Dr. Cool. 1000 S.W. of 1000	3		6	6	10:29	14:09	220	1320
2	11 NORTHWEST			6	6	10:29	14:09	220	1320
3	On roof EAST SIDE			6	6	10:35	14:15	220	1320
4	On roof SOUTH EAST			6	6	10:35	14:15	220	1320
5	12 Halfway building to roof	3		6	6	10:40	14:20	220	1320
6	E-3	1							
7	E-3								
8	E-3	1							

COMMENTS:

TD2-11-045

SAMPLE BY: S. Garcia DATE: 11/8/02
SIGNATURE: [Signature]
RELEASED BY: S. Garcia DATE: 11/8/02
SIGNATURE: [Signature]
RECEIVED BY: A. CATTIGALL DATE: 11/9/02
SIGNATURE: [Signature]

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION