

11/07/2002 18:14 FAX

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7430

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CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-032

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 90 Washington Street

DATE OF REPORT: 11/06/02

DATE OF ANALYSIS: 11/06/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (ftr/cm ²)	TOTAL ASBESTOS AIR CONC. (ftr/cm ²)	TOTAL ASBESTOS FILTER CONC. (ftr/cm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S>5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-032-3861	In decon clean rm	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
02	T02-11-032-3862	Staircase roof entrance	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
03	T02-11-032-3863	West side of roof	1440	4	0.0537	0.0050	SAMPLE OVERLOADED WITH PARTICULATE MATERIAL RENDERING IT UNACCEPTABLE FOR ANALYSIS					
04	T02-11-032-3864	South side of roof	1440	4	0.0537	0.0050	SAMPLE OVERLOADED WITH PARTICULATE MATERIAL RENDERING IT UNACCEPTABLE FOR ANALYSIS					
05	T02-11-032-3865	South west roof	1440	4	0.0537	0.0050	SAMPLE OVERLOADED WITH PARTICULATE MATERIAL RENDERING IT UNACCEPTABLE FOR ANALYSIS					

ANALYST
E. DimitrakasLABORATORY DIRECTOR
Spiro Dooganis**LABORATORY CERTIFICATION NUMBERS: INTERNAL 1047300, RELEASE 107300**

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- Air sampling cassettes will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a trace 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

Fax (212) 922-0690

24 hr⁺/d

12 hr⁺/a 61

f/a 3 hr

Immediate +/a

○
□

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CLIENT: DEP

WRP FILE #: 1079.01.02

LABORATORY:

PROJECT: ROOFS / EXCAVATE
LOCATION: 90 WASHINGTON ST.

ANALYSIS METHOD:

circle one

~~TEMP~~ TEMP

✓ AHERA EPA LEVEL II

TECHNICIAN: EDWIN B. ELLIS JR

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTRA- (lb./cc.)
01	IN DECON CLEAN RUN	3		3 3	0800 1600	480	1440	
02	STAIRCASE ROOF ENTRANCE	3		3 3	0801 1601	480	1440	
03	WESTSIDE OF ROOF	3		3 3	0802 1602	480	1440	
04	SOUTHWEST OF ROOF	3		3 3	0803 1603	480	1440	
05	SOUTHWEST ROOF	3		3 3	0804 1604	480	1440	
06	SEALED FIELD BANK	-						
07	FIELD BLANK	-						
08	FIELD BLANK	-						

COLLEGE

SAMPLE BY: F. ELLIS

SIGNATURE: Edmund B. Ellis III

RELEASED BY:

SIGNATURE:

RECEIVED BY

SIGNATURE:

DATE: 11/4/02

DATE: _____

DATE: 11/1/97

SAMPLE TYPE CODES

Black -

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