


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (786) 784-7490

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-073

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 150 William Street

DATE OF REPORT: 11/15/02

DATE OF ANALYSIS: 11/15/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struc./cm ³)	TOTAL ASBESTOS AIR CONC. (struc./cm ³)	TOTAL ASBESTOS FILTER CONC. (air/mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-073-4070	Entrance to roof	1590	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
02	T02-11-073-4071	West side of roof	1590	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
03	T02-11-073-4072	East side of roof	1590	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
04	T02-11-073-4073	Center of roof	1590	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
05	T02-11-073-4074	North of roof	1590	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA

ANALYST

E. Sionkri

LABORATORY DIRECTOR

Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVT 101052, 75 101053

- 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 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 NVT AP 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.

11/20/2002 05:36 FAX

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**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

PAGE ____ OF ____

P.O. _____

CLIENT: NYCDP
PROJECT: ROOF
LOCATION: 150 WILLIAMS ST

W&P FILE #: 1079-02-01
LABORATORY: ATHENICA
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AMERA EPA LEVEL II
TECHNICIAN: FERRY OSEMWEGE

CONTACT:

[illegible]

COMMENTS.

102-11-013

SAMPLE BY: <u>FESTY OSEMWEONE</u>	DATE: <u>11-14-02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>FESTY OSEMWEONE</u>	DATE: <u>11-14-02</u>
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>ACATIGAL</u>	DATE: <u>11/15/02</u>
SIGNATURE: <u>[Signature]</u>	

SAMPLE TYPE CODES	
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