



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-008
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 90 Washington Street
DATE OF REPORT: 11/02/02
DATE OF ANALYSIS: 11/02/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./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	T02-11-008-3715	By the decon	1650	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA
02	T02-11-008-3716	By the entrance of work area	1650	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA
03	T02-11-008-3717	Inside work area south	1650	4	0.0537	0.0043	0.0043	18.61	<0.0043	0.0043	Chrys.	NA
04	T02-11-008-3718	Inside work area center	1650	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA
05	T02-11-008-3719	Inside work area north	1650	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Dongaris

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 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 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.

220 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0698

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

PAGE I OF I

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

P.O. _____

CLIENT: NY DEP
PROJECT: Cleaning/Removal on Roof
LOCATION: 90 Washington St

W&P FILE #: 1079.01.02
LABORATORY: ATHENICA
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 ATHENICA EPA LEVEL II
TECHNICIAN: Mr Celestine Nmoros

CONTACT: Mr Mike Mohan
LLW#: _____
SCA JOB#: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc)
01	By the Decan.	3		05 05	0900 1430	330	1650	
02	By the Entrance of NYCA	3		05 05	0902 1432	330	1650	
03	Inside work area South	3		05 05	0904 1434	330	1650	
04	Inside work area Centre	3		05 05	0906 1436	330	1650	
05	Inside work area North	3		05 05	0908 1438	330	1650	
06	Field Blank	1						
07	Field Blank	1						
08	Copped Blank	1						

COMMENTS:

TO 2-11-008

SAMPLE BY: Celestine Nmoros DATE: 11/05/02
SIGNATURE: [Signature]
RELEASED BY: Celestine Nmoros DATE: 11/05/02
SIGNATURE: [Signature]
RECEIVED BY: A. ATIGAL DATE: 11/2/02
SIGNATURE: [Signature]

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