



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-098
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.013433

PROJECT: NYC DEP, 136 William Street
DATE OF REPORT: 11/21/02
DATE OF ANALYSIS: 11/21/02
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. ANALYZED	AREA ANALYZED (mm^2)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5 $\leq$ 5 μm	AIR CONC. FOR STRUCT. 5 $\leq$ 10 μm	ASBEST. TYPE CMRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-098-4201	Exit to roof	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
02	T02-11-098-4202	IWA right side of WA	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
03	T02-11-098-4203	IWA 1 st middle of WA	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
04	T02-11-098-4204	IWA 2 nd middle of WA	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
05	T02-11-098-4205	IWA left side of WA	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Spiro Dongaris

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101952, 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.

TEL:

Jan 15, 01 17:36 No. 001 P. 04

228 East 45th Street
New York, NY 10017
(212) 922-0877
Fax (212) 922-0830

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

PAGE 1 OF 1

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

P.O. _____

CLIENT: NYC DEP
PROJECT: CLEANING
LOCATION: 136 WILLIAMS ST

W&P FILE #: 107901-02
LABORATORY: WKP
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: DIPLO ELEMM

CONTACT: M. WOLAN

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (µg/cc.)
				START	STOP	ON	OFF			
01	Exit to roof	03		05	05	0800	1300	300	1500	
02	WA Right side of WA	03		05	05	0801	1301	300	1500	
03	✓ 1st middle	03		05	05	0802	1302	300	1500	
04	✓ 2nd middle	03		05	05	0803	1303	300	1500	
05	✓ Left side of WA	03		05	05	0805	1305	300	1500	
06	field blank	1					NA			
07		1					NA			
08	Sealed blank	1					NA			

SAMPLE BY: DIPLO ELEMM DATE: 11/20/02
SIGNATURE: DIPLO
RELEASED BY: DIPLO ELEMM DATE: 11/20/02
SIGNATURE: DIPLO
RECEIVED BY: E. Siegler DATE: 11/21/02
SIGNATURE: ES

COMMENTS:

T02-11-098

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

TEL:

Jan 13, 01 17:36 No. 001 P. 05