



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-102
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 5 Muraw Street
DATE OF REPORT: 11/22/02
DATE OF ANALYSIS: 11/22/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (stres./cm ²)	TOTAL ASBESTOS AIR CONC. (stres./cm ²)	TOTAL ASBESTOS FILTER CONC. (stres./mm ²)	AIR CONC. FOR STRUCT. 0.555-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-102-4221	Right	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
02	T02-11-102-4222	Middle right	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
03	T02-11-102-4223	Middle	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
04	T02-11-102-4224	Middle left	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
05	T02-11-102-4235	Left	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA

ANALYST
E. Sionkri

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.

TEL:

JAN 15, 01

14:39 No. 001 P. 05

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 ____

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

P.O. _____

CLIENT: W E P
PROJECT: 5 Murray St
LOCATION: Front Facade

W&P FILE #: 1079-01-02
LABORATORY: _____
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 ANERB EPA LEVEL II
TECHNICIAN: John Boyle

CONTACT: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
				START	STOP	ON	OFF			
91	right	3		8	8	1845	2130	165	1320	
92	middle right	3		8	8	1849	2132	165	1320	
93	middle	3		8	8	1849	2134	165	1320	
04	middle left	3		8	8	1851	2136	165	1320	
05	Left	3		8	8	1853	2138	165	1320	
06	Field Blank	1		—	—	0	0	0	0	
07	Blank	1		—	—	0	0	0	0	
08	Sealed Blank	1		—	—	0	0	0	0	

COMMENTS:

SAMPLE BY: John Boyle DATE: 11-21-02
SIGNATURE: John Boyle
RELEASED BY: John Boyle DATE: 11-21-02
SIGNATURE: John Boyle
RECEIVED BY: ACATIGA DATE: 11/22/02
SIGNATURE: ACATIGA

T02-11-102

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 15, 01

14:39 No. 001 P.04