



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-167
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 45 Park Place
DATE OF REPORT: 10/26/02
DATE OF ANALYSIS: 10/26/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (Mg./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	T02-10-167-3538	North area	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
02	T02-10-167-3539	South area	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
03	T02-10-167-3540	West area	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
04	T02-10-167-3541	East area	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA
05	T02-10-167-3542	Middle area	1500	4	0.0537	0.0048	<0.0048	<18.61	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

E. Sioukri

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.

10/29/2002 13:26 FAX

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228 East 45th Street
New York, NY 10017
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WARREN & PANZER ENGINEERS, P. C. AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

P.O. _____

CLIENT: DEA
PROJECT: Roof-Encase Cleaning
LOCATION: 45 Park Place

W&P FILE #: _____
LABORATORY: _____
ANALYSIS METHOD: PCM (TEM) TEM
circle one 7400 ANEPA EPA LEVEL II
TECHNICIAN: Ronald King

CONTACT: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (Mg./cc.)
01	North Area	3		5	5	19:30	00:30	300	1500	
02	South Area	3		5	5	19:31	00:31	300	1500	
03	West Area	3		5	5	19:32	00:32	300	1500	
04	East Area	3		5	5	19:33	00:33	300	1500	
05	middle Area	3		5	5	19:34	00:34	300	1500	
06	Field blank			—	—	—	—	—	—	
07	Field blank			—	—	—	—	—	—	
08	Field blank			—	—	—	—	—	—	

COMMENTS:

T02-10-167

SAMPLE BY: <u>Ronald King</u>	DATE: <u>10/26/02</u>
SIGNATURE: <u>Ronald King</u>	
RELEASED BY: _____	DATE: _____
SIGNATURE: _____	
RECEIVED BY: <u>APATIBAL</u>	DATE: <u>10/24/02</u>
SIGNATURE: <u>U. Gijl</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