



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-141
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (nm²): 0.013838

PROJECT: NYC DEP, 55 John Street
DATE OF REPORT: 10/21/02
DATE OF ANALYSIS: 10/21/02
EFFECTIVE FILTER AREA (nm²): 385

LABORATORY RESULTS

CLIENT #	LAD. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (nm 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 ≤ 5 μm	AIR CONC. FOR STRUCT. S ≥ 5.0 μm	ASBEST. TYPE CHRVS.	AMPHIB. ASBEST TYPE SPECIFY
JB10 01	T02-10-141-3409	North 8 th floor	1300	5	0.0692	SAMPLE OVERLOADED WITH PARTICULATE MATERIAL RENDERING IT UNACCEPTABLE FOR ANALYSIS						
JB10 02	T02-10-141-3410	East 8 th floor	1300	5	0.0692	SAMPLE OVERLOADED WITH PARTICULATE MATERIAL RENDERING IT UNACCEPTABLE FOR ANALYSIS						
JB10 03	T02-10-141-3411	South 8 th floor	1300	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
JB10 04	T02-10-141-3412	West 8 th floor	1300	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
JB10 05	T02-10-141-3413	Middle 8 th floor	1300	5	0.0692	SAMPLE OVERLOADED WITH PARTICULATE MATERIAL RENDERING IT UNACCEPTABLE FOR ANALYSIS						

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP ID 101058 RI ID 10455

- 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.

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228 East 45th Street
New York, NY 10017
(212) 922-0877
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/aP.O.

CLIENT: DEP
PROJECT: 55 John st
LOCATION: 8 Floor windows

W&P FILE #: 1099. 01. 02
LABORATORY:
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHEBA EPA LEVEL II
TECHNICIAN: John Boyd

CONTACT: mike Nolan

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (fib./cc.)
J010 01	North 8th Floor	3		10	10	1010	1220	130	1300	
J010 02	East	3		10	10	1012	1222	130	1300	
J010 03	South	3		10	10	1013	1223	130	1300	
J010 04	West	3		10	10	1014	1224	130	1300	
J010 05	Middle	3		10	10	1016	1220	130	1300	
J010 06	Field Blank	1		—	—	0	0	0	0	
J010 07	" "	1		—	—	0	0	0	0	
J010 08	Sealed Blank	1		—	—	0	0	0	0	

COMMENTS:

SAMPLE BY: John Boyd DATE: 10-14-02
SIGNATURE: [Signature]
RELEASED BY: John Boyd DATE: 10-14-02
SIGNATURE: [Signature]
RECEIVED BY: ACATIGAY DATE: 10/24/02
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

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