



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pauzer Engineers, P.C.
LABORATORY ID #: T02-08-117
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E
AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 50 Broad St. NYC
DATE OF REPORT: 08/23/02
DATE OF ANALYSIS: 08/22/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struc./cm ²)	TOTAL ASBESTOS AIR CONC. (struc./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 CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
ID01	T02-08-117-1807	IWA Left side of WA(roof)	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
ID 02	T02-08-117-1808	IWA Second left side of WA(roof)	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
ID 03	T02-08-117-1809	IWA middle of WA(roof)	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
ID 04	T02-08-117-1810	IWA Exit to the roof	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
ID 05	T02-08-117-1811	IWA Right side of WA(roof)	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA

ANALYST
E. Dimitrakos

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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.

28 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 1 OF 1

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

P.O. _____

CLIENT: NYC DEP
PROJECT: 50 BROAD ST. NYC
LOCATION: FACADE

W&P FILE #: 1079-01-02
LABORATORY: W&P
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AMEPA EPA LEVEL II
TECHNICIAN: IDRIS IDOWU

CONTACT: MICHAEL NOLAN

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (fib./cc.)
ID01	IWA left side of WA (roof)	3		03 03	0730 1500	450	1350	
ID02	IWA second left side of WA (roof)	3		03 03	0731 1501	450	1350	
ID03	IWA middle of WA (roof)	3		03 03	0732 1502	450	1350	
ID04	IWA EXIT to the roof.	3		03 03	07 1503	450	1350	
ID05	IWA right side of WA (roof)	3		03 03	0735 1505	450	1350	
ID06	Field Blank	1			N/A			
ID07	Field Blank	1			N/A			
ID08	Sealed Blank	1			N/A			

COMMENTS:

102-08-111

SAMPLE BY: IDRIS IDOWU DATE: 08/21/02
SIGNATURE: IDOWU
RELEASED BY: IDRIS IDOWU DATE: 08/21/02
SIGNATURE: IDOWU
RECEIVED BY: A. CATALAN DATE: 8/22/02
SIGNATURE: A. Catalan

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

08/23/2002 16:12 FAX 718 784 4085

009