

0018



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-103
ANALYT. METHODOLOGY: AHBA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 90 Fulton St.
DATE OF REPORT: 09/28/02
DATE OF ANALYSIS: 09/28/02
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. (struct/cm ²)	AIR CONC. FOR STRUCT. 0.550-0.600µm	AIR CONC. FOR STRUCT. 0.25-0.60µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-09-103-2599	On 2 nd Fl. on setback east	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
2	T02-09-103-2600	On 2 nd Fl. on setback west	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
3	T02-09-103-2601	On 2 nd Fl. on setback south	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
4	T02-09-103-2602	On 2 nd Fl. on setback north	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
5	T02-09-103-2603	On 2 nd Fl on setback by entrance	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

[Signature] For S. D.
LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 16955

- 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.
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09/30/2002 12:41 FAX 7187844085

226 Eas. 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 ____ JF ____

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

P.O. _____

CLIENT: DEP
PROJECT: 90 FULTON ST
LOCATION: PHASE

W&P FILE #: 1079-01-01
LABORATORY: ATHENICA
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: P. Garcia

CONTACT: _____
LLWH: [Signature]
SCA JOB#: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1	on 2 nd FL. on set back east	3		8 8	08:30 11:30	180	1440	
2	" " WEST			↓ ↓	08:30 11:30	↓	↓	
3	" " SOUTH			↓ ↓	08:31 11:31	↓	↓	
4	" " NORTH			↓ ↓	08:31 11:31	↓	↓	
5	on set back by entrance	3		8 8	08:32 11:32	180	1440	
6		1						
7		1						
8		1						

COMMENTS:

T02-09-103

SAMPLE BY: P. Garcia DATE: 9/27/02
SIGNATURE: [Signature]
RELEASED BY: _____ DATE: 9/27/02
SIGNATURE: [Signature]
RECEIVED BY: [Signature] DATE: 9/28/02
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

019

09/30/2002 12:41 FAX 7187844085