



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-08-149
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (μm^2): 0.012422

PROJECT: NYC DEP, 30 W. Broadway
DATE OF REPORT: 08/30/02
DATE OF ANALYSIS: 08/29/02
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. ANALYZED	AREA ANALYZED (mm^2)	ANALYT. SENSITIV. (struct./ cm^2)	TOTAL ASBESTOS AIR CONC. (struct./ cm^3)	TOTAL ASBESTOS FILTER CONC. (str./ mm^2)	AIR CONC. FOR STRUCT. 0.5 $\leq$ 5 μm	AIR CONC. FOR STRUCT. 5 $\geq$ 5 μm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
001 A	T02-08-149-1984	Entrance by door	1440	5	0.0621	0.0043	0.0043	16.10	<0.0043	0.0043	Chrys.	NA
002 A	T02-08-149-1985	South end entrance by door	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA
003 A	T02-08-149-1986	Center area by Column	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA
004 A	T02-08-149-1987	South end adjacent to stairs	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA
005 A	T02-08-149-1988	North end by barrier	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA

G. Sioukri

ANALYST
E. Sioukri

Spiro Dongaris

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.
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WARREN & PANZER ENGINEERS, P. C. AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1

P.O. _____

CLIENT: NYC-DEP
PROJECT: Clearing
LOCATION: 30 W. 4th St

W&P FILE #: 10901
LABORATORY: ATC
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: Nichols

CONTACT: Mike Nolan

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
001A	Entrance by door	3		6 6	09:30 11:30	240	1440	
002A	South end entrance by door	3		6 6	09:31 11:31	240	1440	
003A	Center area by column	3		6 6	09:32 11:32	240	1440	
004A	South end adj to stairs	3		6 6	09:33 11:33	240	1440	
005A	North end by barrier	3		6 6	09:34 11:34	240	1440	
006	field	1		/				
007	field	1						
008	Sealed	1						
				/				

COMMENTS: 2nd floor - 1st
102-08-149

SAMPLE BY: Nichols DATE: 8/28
SIGNATURE: Nichols
RELEASED BY: Nichols DATE: 8/28
SIGNATURE: Nichols
RECEIVED BY: ACCAI GAL DATE: 8/29/02
SIGNATURE: ACCAI GAL

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