



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-09-035
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013771

PROJECT: NYC DEP, 41 John Street
DATE OF REPORT: 09/11/02
DATE OF ANALYSIS: 09/11/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (str./cm ²)	TOTAL ASBESTOS AIR CONC. (fibers/cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.55S-5µm	AIR CONC. FOR STRUCT. S2S0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
011WA	T02-09-035-2244	On roof center of work area	1460	4	0.0551	0.0048	<0.0048	<18.15	NA	NA	NA	NA
021WA	T02-09-035-2245	On roof north section of work area	1460	4	0.0551	0.0048	<0.0048	<18.15	NA	NA	NA	NA
031WA	T02-09-035-2246	On roof south section of work area	1460	4	0.0551	0.0048	<0.0048	<18.15	NA	NA	NA	NA
041WA	T02-09-035-2247	On roof west section of work area	1460	4	0.0551	0.0048	<0.0048	<18.15	NA	NA	NA	NA
051WA	T02-09-035-2248	On roof 4ft of door entrance of roof	1460	4	0.0551	0.0048	<0.0048	<18.15	NA	NA	NA	NA

[Signature]
ANALYST

[Signature]
LABORATORY DIRECTOR
Sara Donaghy

LABORATORY CERTIFICATION NUMBERS: NVLAP 101950, 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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- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

226 East 45th Street
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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: DEP.
PROJECT: DEP-Sampling.
LOCATION: 41 John Str. NYC NY. Roof.

W&P FILE #: 1079.01.02
LABORATORY: Warren and Panzer.
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: Yury Bedin.

CONTACT: MR. M. Nolan.

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1 IWA.	on Roof. Center of Work Area	3		4.0 4.0	9:40 15:45	365	1460	
2 IWA.	on Roof. North Section of W.A.	3		4.0 4.0	9:42 15:47	365	1460	
3 IWA.	on Roof. South Section of W.A.	3		4.0 4.0	9:44 15:49	365	1460	
4 IWA.	on Roof. West Section of W.A.	3		4.0 4.0	9:46 15:51	365	1460	
5 IWA.	on Roof. 4 Ft of Door Entry of Roof.	3		4.0 4.0	9:48 15:53	365	1460	
6 —	Field Blank —	1						
7 —	Field Blank —	1						
8 —	C. Blank —	1						

COMMENTS:

102-09038

SAMPLE BY: Yury Bedin. DATE: 9-10-02.
SIGNATURE: Yury Bedin.
RELEASED BY: Yury Bedin. DATE: 9-10-02.
SIGNATURE: Yury Bedin. Released-17:35 PM.
RECEIVED BY: A. C. [Signature] DATE: 9/11/02
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