



AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-046
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.B.
AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 333 Rector Place.
DATE OF REPORT: 10/08/02
DATE OF ANALYSIS: 10/08/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s 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. 0.553 < 5µm	AIR CONC. FOR STRUCT. 0.250 < 1µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-10-046-2908	Workers decon roof	1260	5	0.0692	0.0044	0.0044	14.45	<0.0044	0.8044	Chrys.	NA
02	T02-10-046-2909	Inside building roof	1260	5	0.0692	0.0044	0.0088	28.91	0.0044	0.0044	Chrys.	NA
03	T02-10-046-2910	West side roof	1260	5	0.0692	0.0044	<0.0044	<14.45	NA	NA	NA	NA
04	T02-10-046-2911	West side roof	1260	5	0.0692	0.0044	<0.0044	<14.45	NA	NA	NA	NA
05	T02-10-046-2912	East side roof	1260	5	0.0692	0.0044	0.0044	14.45	0.0044	<0.0044	Chrys.	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10953

- 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.
- This 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
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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: Roof Cleanup
LOCATION: 333 Lector Place

W&P FILE #: _____
LABORATORY: Arthur Jetter
ANALYSIS METHOD: PCM TEM TEM
circle one 7400 ANER EPA LEVEL II
TECHNICIAN: ARTHUR JETTER

CONTACT: Bennie

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
				START	STOP	ON	OFF			
01	WORKERS DECON ROOF	3		3		0800	1500	420	1260	
02	INSIDE BUILDING ROOF	3		3		0802	1502			
03	WEST SIDE ROOF	3		3		0804	1504			
04	WEST SIDE ROOF	3		3		0805	1505			
05	EAST SIDE ROOF	3		3		0806	1506	420	1260	
06	Field Blank									
07										
08	Field Blank									

SAMPLE BY: ARTHUR JETTER DATE: 10/1/02
SIGNATURE: Arthur Jetter
RELEASED BY: ARTHUR JETTER DATE: 10/1/02
SIGNATURE: Arthur Jetter
RECEIVED BY: ACATIGAN DATE: 10/9/02
SIGNATURE: O. G. J.

T02-10-046

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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