

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Paezzer Engineers, P.C.

PROJECT: NYC DEP, 40 Exchange Pl, NY, NY

LABORATORY ID #: T02-08-120

DATE OF REPORT: 08/24/02

ANALYT. METHODOLOGY: AHERA

DATE OF ANALYSIS: 08/24/02

FILTER TYPE: M.C.E.

EFFECTIVE FILTER AREA (mm²): 385AVERAGE G.O. AREA (mm²): 0.012422**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (fibre/ft ³)	TOTAL ASBESTOS AIR CONC. (fibre/ft ³)	TOTAL ASBESTOS FILTER CONC. (fibre/ft ³)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. >5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01 IWA	T02-08-120-1822	On roof, Center of work area	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02 IWA	T02-08-120-1823	On roof, South section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
03 IWA	T02-08-120-1824	On roof, North section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
04 IWA	T02-08-120-1825	On roof, South-east section of W.A.	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
05 IWA	T02-08-120-1826	On roof, 2ft of door access to the roof.	1800	4	0.0497	0.0043	0.0043	20.13	0.0043	<0.0043	Chrys.	NA

ANALYST
E. SionkriLABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION INFORMATION: BY AHERA 08/24/02, 08/24/02, 08/24/02

- 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.
- The liability of Athenica Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.

**223 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

P.O.

12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate⁺/a

WSP FILE #:

CONTACT: DE Representative

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SCA JOB#:

W&P FILE #:
LABORATORY: Warren and Jozee.

ANALYSIS METHOD:	PCM	TEM
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circle one • 7400 (AHERA) EPA LEVEL II

TECHNICIAN:

CLIENT: DEP.

PROJECT: ~~DE~~ Roof Project.

LOCATION: 40 Exchange Place, N.Y. N.Y.
Roof.

SAMPLE NUMBER	SAMPLE DESCRIPTION & LOCATION	SAMPLE TYPE	PUMP #	FLOW RATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg./cc.)
1 IWA	Center of Work Area, <i>on Roof</i>	3		4.0 4.0	8:15 15:45	450	1800	
2 IWA	<i>on Roof.</i> , South Section of W.A.	3		4.0 4.0	8:17 15:47	450	1800	
3 IWA	<i>on Roof.</i> North Section of W.A.	3		4.0 4.0	8:19 15:49	450	1800	
4 IWA	<i>on Roof.</i> South-East Section of W.A.	3		4.0 4.0	8:21 15:51	450	1800	
5 OWA	<i>on Roof.</i> 2 F.E. door access to the Roof.	3		4.0 4.0	8:23 15:53	450	1800	
6 —	Field Blank —							
7 —	Field Blank —							
8 —	CB —							

COMMENTS:

07-20-70

SAMPLE BY: Yury Bedin DATE: 8.23.02.

SIGNATURE: James B. Davis

RELEASED BY: WV/Bedin DATE: 8-23-02

RELEASED BY: [redacted]
SIGNATURE: *W. J. [redacted]*
RELEASED ON: 12-18-68

SIGNATURE: [Signature] DATE: 9/24/02
RECEIVED BY: A. C. [Signature]

RECEIVED BY: CH 102 10/11/13
SIGNATURE: [Signature]

SAMPLE TYPE CODES

1 - Blank	5 - Final Clearance (Inside)
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6 - Final Clearance (outside)

7 Persons

W - During November

SEE REVERSE SIDE FOR ANALYSIS INFORMATION