



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7490

Fax. (718) 794-1065

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-088

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 124 Liberty Street

DATE OF REPORT: 11/19/02

DATE OF ANALYSIS: 11/19/02

EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CURR. #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (micro/cm ²)	TOTAL ASBESTOS AIR CONC. (micro/cm ³)	TOTAL ASBESTOS FILTER CONC. (micro/cm ³)	AIR CONC. FOR STRUCT. 0.558-5.0um	AIR CONC. FOR STRUCT. 5.0-10.0um	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
ID01	T02-11-088-4150	IWA 1 st left side of WA	1600	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
ID02	T02-11-088-4151	IWA 2 nd left side of WA	1600	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
ID03	T02-11-088-4152	IWA 3 rd left side of WA	1600	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
ID04	T02-11-088-4153	IWA 4 th left side of WA	1600	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA
ID05	T02-11-088-4154	Inside the decon	1600	4	0.0537	0.0045	<0.0045	<18.61	NA	NA	NA	NA

ANALYST
E. Sionkri

LABORATORY DIRECTOR
Spiro Donganis

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- An 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.

225 East 45th Street
New York, NY 10017
(212) 922-0677
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
5	100	100	100	100
6	100	100	100	100
7	100	100	100	100
8	100	100	100	100
9	100	100	100	100
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78	100	100	100	100
79	100	100	100	

W&P FILE #: 1079-01-02

LABORATORY: W x P

ANALYSIS METHOD:	PCM	TEM	TEM

7400 (AHERA) EPA LEVEL II

TECHNICIAN: TDK/S TDN

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CLIENT: NYC DEP
W&P FILE #: 1079-01-02

PROJECT: 124 LIBERTY ST

LOCATION: ROOF / FACADE.

CONTACT: MICHAEL ABULAN

SAMPLE NUMBER	SAMPLE DESCRIPTION LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (fib./cc.)
ID01	IWA 1 ST LEFT SIDE OF IWA	3		4	0640 1320	400	1600	
ID02	IWA 2 ND LEFT SIDE OF IWA	3		4	0641 1321	400	1600	
ID03	IWA 3 RD LEFT SIDE OF IWA	3		4	0642 1322	400	1600	
ID04	IWA 4 TH LEFT SIDE OF IWA	3		4	0643 1323	400	1600	
ID05	IWA W/SIDE FIB DECON	3		4	0645 1325	400	1600	
ID06	Field blank	1			N/A			
ID07	Field blank	1			N/A			
ID08	Sealed blanks	1			N/A			

COMMENTS:

SAMPLE BY: IRIS EDWY DATE: 11-18-02

SIGNATURE: *John T. Lyburn*

RELEASED BY: IPRIS Downy DATE: 11-18-92

SIGNATURE: *John E. Tolson*

RECEIVED BY: A-CATIGAL DATE: 11/9/80

SIGNATURE: A. C. C. C.

T02-11-088

SAMPLE TYPE CODES

1 - Blank

2. Pre-Abatement

3 - During Abatement

4 - During Glove Bag Removal

5 - Final Clearance (inside)

6 - Final Clearance (outside)

7 - Personal

8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION