

TEL :

Jan 03.01

8:24 No.001 P.17

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 704-7490

Fax: (718) 704-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPYCLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-065

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/13/02

DATE OF ANALYSIS: 11/13/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB ID #	LOCATION	VOLUME (L)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (ppt/cm ²)	TOTAL ASBESTOS AIR CONC. (ppt/cm ³)	TOTAL ASBESTOS FILTER CONC. (ppt/cm ²)	AIR CONC. FOR STRUCT. ASBESTOS	AIR CONC. FOR STRUCT. ASBESTOS	ASBEST. TYPE	MATRIX ASBEST. TYPE
01	T02-11-065-4030	On 16 th floor entrance to setback	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA
02	T02-11-065-4031	On setback east 16 th floor	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA
03	T02-11-065-4032	On setback east 16 th floor	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA
04	T02-11-065-4033	On setback south 16 th floor	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA
05	T02-11-065-4034	On setback south 16 th floor	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA

ANALYST
E. Spoukhi

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

LABORATORY DIRECTOR
Spero Domingas

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- At sampling locations will be stored for sixty (60) days. AES Inc. should be notified within that time frame for a free 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 conformance 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.

TEL :

Jan 03, 01

8:24 No.001 P.16

NEW YORK CITY
New York, NY 10017
(212) 922-0077
Fax (212) 922-0618

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____
P.O. _____

CLIENT: DEP
PROJECT: DD CROUCH ST
LOCATION: 16th St. SETBACK EAST

W&P FILE #: 1679-01-02
LABORATORY: ATLANTA
ANALYSIS METHOD: PCM
TECHNICIAN: J. Garcia

CONTACT: [Signature]
LHW#: _____
SCA JOB#: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOW RATE START	FLOW RATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg/cc)
1	ON 1ST CURTAIN - 6 SETBACK	3		4	4	06:40	13:10	390	1560	
2	ON SETBACK EAST 16th ST	3		4	4	06:41	13:11	390	1560	
3	" " EAST 11	3		4	4	06:41	13:11	390	1560	
4	" " EAST 11	3		4	4	06:42	13:12	390	1560	
5	" " SOUTH 11	3		4	4	06:43	13:13	390	1560	
6	" " SOUTH 11	3		4	4					
7	" " SOUTH 11	3		4	4					
8	" " SOUTH 11	3		4	4					

COMMENTS:

T02-11-065

SAMPLE BY: J. Garcia DATE: 11/1/02
SIGNATURE: [Signature]
RELEASED BY: [Signature] DATE: 11/1/02
SIGNATURE: [Signature]
RECEIVED BY: [Signature] DATE: 11/1/02
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