

**ATHENICA**

ENVIRONMENTAL SERVICES INC.
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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-11-043

ANALYT. METHODOLOGY: AHERA
FILTER TYPE: MCE
AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 100 Church Street
DATE OF REPORT: 11/08/02
DATE OF ANALYSIS: 11/08/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (m ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detect/cm ²)	TOTAL ASBESTOS AIR CONC. (fibre/cm ³)	TOTAL ASBESTOS FILTER CONC. (fibre/m ²)	AIR CONC. FOR STRUCT. ANALYSIS (fibre/cm ³)	AIR CONC. FOR STRUCT. ANALYSIS (fibre/m ²)	ASBEST. TYPE CURVA	ASBEST. TYPE SPECIFY
01	T02-11-043-3921	@ entry to outside setback	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
02	T02-11-043-3922	East side of roof area 16 th floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
03	T02-11-043-3923	East side of roof area 16 th floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
04	T02-11-043-3924	East side of roof area 16 th floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
05	T02-11-043-3925	East side of roof area 16 th floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA

ANALYST
E. Stoukri

LABORATORY DIRECTOR
Spiru Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- Air sampling activities will be stored for sixty (60) days. AES Inc. should be notified within this time frame for a trace duplicate analysis.
- If AES Inc. did not conduct the sampling, the reported information 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.

228 West 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0030

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

PAGE _____ OF _____
P.O. _____

CLIENT: NYC - DSD
PROJECT: PAVES + PARKS
LOCATION: 100 CHURCH ST.

W&P FILE #: 1029-01-02
LABORATORY: AHERA
ANALYSIS METHOD: PCM
circle one 7400
TECHNICIAN: J. B. GARCIA
EPA LEVEL II

CONTACT: m. l. m. l.

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	FLOWRATE START STOP	ON TIME	OFF TIME	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg./cc.)
01	ENTR TO WESTING SECTION	3	4	7:00	13:00	3:00	1440	
02	EAST SIDE OF RAMP AREA 10 th FL	3	4	7:05	13:05	3:00	1440	
03	EAST SIDE OF RAMP AREA 10 th FL	3	4	7:07	13:07	3:00	1440	
04	EAST SIDE OF RAMP AREA 10 th FL	3	4	7:08	13:08	3:00	1440	
05	EAST SIDE OF RAMP AREA 10 th FL	3	4	7:09	13:09	3:00	1440	
06	EAST SIDE OF RAMP AREA 10 th FL	3	4	7:09	13:09	3:00	1440	
07	EAST SIDE OF RAMP AREA 10 th FL	3	4	7:09	13:09	3:00	1440	

COMMENTS:

102-11-043

SAMPLE BY: J. B. GARCIA
SIGNATURE: J. B. GARCIA
DATE: 11-01-02
RELEASED BY: J. B. GARCIA
SIGNATURE: J. B. GARCIA
DATE: 11-01-02
RECEIVED BY: A. C. BILLY
SIGNATURE: A. C. BILLY
DATE: 11/1/02

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