

TEL :

Dec 25, 00

7:17 No.001 P.02

**ATHENICA**
 ENVIRONMENTAL SERVICES INC.
 Tel: (718) 794-7900
 Fax: (718) 794-0055

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

 CLIENT: Warren & Paez Engineers, P.C.
 LABORATORY ID #: T02-11-016
 ANALYT. METHODOLOGY: ATHENA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.013433

 PROJECT: NYC DEP, 100 Church Street
 DATE OF REPORT: 11/04/02
 DATE OF ANALYSIS: 11/04/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANAL. YIELD	AREA ANALY ZED (mm ²)	ANALYT. SENSITIVITY (ppt/ft ³)	TOTAL ASBESTOS AIR CONC. (ppt/ft ³)	TOTAL ASBESTOS FILTER CONC. (ppt/ft ³)	AIR CONC. FOR STRUCT. 0.555-9µm	AIR CONC. FOR STRUCT. 2.5-9µm	ASBEST. TYPE CHN/AS	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-016-3755	Decon	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
02	T02-11-016-3756	South side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
03	T02-11-016-3757	West side of roof (south)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
04	T02-11-016-3758	West side of roof (north)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
05	T02-11-016-3759	North side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA

ANALYST

E. Dimmitakes

LABORATORY DIRECTOR

Spide Douglas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AESI) is responsible only for information pertaining to samples taken by its employees.
- Air sampling activities will be allowed for only 60 days. AESI Inc. should be notified within this time frame for a true duplicate analysis.
- If AESI Inc. did not conduct the sampling, the reported asbestos 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 is valid only to the extent stated. 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 AESI 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 :

Dec 25,00

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**ATHENICA**
 ENVIRONMENTAL SERVICES INC.
 TEL (718) 794-7400
 FAX (718) 794-4065

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Water & Power Engineers, P.C.

LABORATORY ID #: T02-11-016

ANALYT. METEOROLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.01333

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/04/02

DATE OF ANALYSIS: 11/04/02

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	L.M. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (det./mm ²)	TOTAL ASBESTOS AIR CONC. (det./mm ²)	TOTAL ASBESTOS FILTER CONC. (det./mm ²)	AIR CONC. FOR STRAIGHT 0.5-5.0um	AIR CONC. FOR STRAIGHT 5-10um	ASBEST. TYPE CRYST.	ASBEST. TYPE SPECTRY
01	T02-11-016-3755	Decid	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
02	T02-11-016-3756	South side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
03	T02-11-016-3757	West side of roof (south)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
04	T02-11-016-3758	West side of roof (north)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
05	T02-11-016-3759	North side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA

 ANALYST
 E. Dimitrakas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

 LABORATORY DIRECTOR
 Spiro Dougatis

- Athenica Environmental Services Inc. (AESI) is responsible only for information pertaining to samples taken by its employees.
- The sampling locations will be marked for study (60) days. AESI Inc., should be notified within this time frame for a true duplicate analysis.
- If AESI Inc. did not conduct the sampling, the reported information 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 those tested. This report must not be used to claim product endorsement by NYLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of AESI Inc.
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TEL :

Dec 25.00

7:17 No.001 P.03

278 East 42nd Street
New York, NY 10017
(212) 922-0071
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr's 12 hr's 6 hr's 3 hr's Immediate 1/4

PAGE ____ OF ____
P.O. _____

CLIENT: NEP
PROJECT: 100 CHURCH ST.
LOCATION: 100 Church St (roof)

W&P FILE #: 1079.01.02
LABORATORY: _____
ANALYSIS METHOD: PCM TEM TEM
Circle one 7400 WATER EPA LEVEL II

TECHNICIAN: eyman 9/15/02
CONTACT: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOW RATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg/cu.)
01	NECOR	3	1	5	5	0631	1231	760	1800	
02	fourth side of roof	3	2	5	5	0633	1233	360	1800	
03	WEST SIDE of roof (SOUTH)	3	3	5	5	0634	1234	360	1800	
04	WEST SIDE of roof (NORTH)	3	4	5	5	0635	1235	360	1800	
05	NORTH SIDE of roof	3	5	5	5	0637	1237	360	1800	
06	ALUMINUM	1								
07	ALUMINUM	1								
08	CUTTER	1								

COMMENTS:

702-11-016

SAMPLE BY: [Signature] DATE: 11/2/02
SIGNATURE: [Signature]
RELEASED BY: [Signature] DATE: 11/2/02
SIGNATURE: [Signature]
RECEIVED BY: C. R. Panzer DATE: 11/4/02
SIGNATURE: [Signature]

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