



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7448
Fax. (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-07-030
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.008643

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 29 Broadway
DATE OF REPORT: 07/29/02
DATE OF ANALYSIS: 07/28/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (cfu/100Lm ³)	TOTAL ASBESTOS AIR CONC. (cfu/100Lm ³)	TOTAL ASBESTOS FILTER CONC. (cfu/100Lm ³)	AIR CONC. FOR STRUCT. 0.5 < 5 µm	AIR CONC. FOR STRUCT. ≥ 5.0 µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-07-030-1094	26 th floor set back east	1302	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
2	T02-07-030-1095	26 th floor set back west	1302	7	0.0605	0.0049	<0.0049	<16.53	NA	NA	NA	NA
3	T02-07-030-1096	22 nd floor east side	1330	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA
4	T02-07-030-1097	22 nd floor west side	1330	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA
5	T02-07-030-1098	Decor	1320	7	0.0605	0.0048	<0.0048	<16.53	NA	NA	NA	NA

E. Skolri

Sam Dorigatis

ANALYST
E. Skolri

LABORATORY DIRECTOR
Spiro Dorigatis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES) is an ISO 9001:2000 certified company.
- 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.

003

**220 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

Fax (212) 922-0630

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate^{+/2}

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

PROJECT: Roof Cleaning (Set window)	ANALYSIS METHOD: PCM	TEM	TEM
LOCATION: 29 Broadway		7400	AHERA EPA/EVE

MEMBERSHIP

TECHNICIAN: DAVID LEONARDSON

CONTACT: Beverly 917-417-7816

[illegible]

COMMENTS:

11

SAMPLE BY: DAVID CZEKWIEN
SIGNATURE: [Signature]
DATE: 7/27/02

RELEASED BY: DAVID CZEKWIEN
SIGNATURE: [Signature]
DATE: 7/27/02

RECEIVED BY: E. S. [Signature]
SIGNATURE: [Signature]
DATE: 7/28/02

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



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7400

Fax. (718) 784-4085

CLIENT: Warren & Pawzer Engineers, P.C.

LABORATORY ID #: T02-07-021

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYCDP, 29 Broadway Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/25/02

EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (structures/cm ²)	TOTAL ASBESTOS AIR CONC. (structures/cm ²)	TOTAL ASBESTOS FILTER CONC. (structures/cm ²)	AIR CONC. FOR STRUCT. 0.55-5.5µm	AIR CONC. FOR STRUCT. 5.5-10µm	ASBEST. TYPE CHRVS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-07-021-1049	Near decon, 6 th floor	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
02	T02-07-021-1050	Rear part of building 6 th floor	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
03	T02-07-021-1051	In the middle of the roof	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
04	T02-07-021-1052	Rear of roof	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA
05	T02-07-021-1053	Back of roof	1350	7	0.0605	0.0047	<0.0047	<16.53	NA	NA	NA	NA

ANALYST
F Dimitrakas

LABORATORY DIRECTOR
Spiro Douranis

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 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.

**228 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

PAGE _____ OF _____

Fax (212) 922-0630

	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100	100
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67	100	100	100	1	

P.O.

CLIENT:

1/6/98 Del

W&P FILE #: 1079.01.02

PROJECT:

LABORATORY:

LABORATORY: 24 Davis Ave

LOCATION:

ANALYSIS METHOD:	PCM	TEM	TEM
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Circle one

cycle one 7400 LAHERA/EPA LEVEL II

TECHNICIAN: Robert D. Allen

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (flb./cc.)
01	Wm Dean checker 1st fl.	3	01	3 3	0800 1530	450	1350	
02	Ken part of 600 ft. fl.	3	02	3 3	0801 1531	450	1350	
03	Wm Dean middle of foot	3	03	3 3	0802 1532	450	1350	
04	Ken of foot	3	04	3 3	0803 1533	450	1350	
05	back of foot	3	05	3 3	0804 1534	450	1350	
06	fb	1						
07	fb	1						
08	CB	1						

COMMENT:

SAMPLE BY: <u>Robert Wagner</u>	DATE: <u>7-24-02</u>
SIGNATURE: <u>Robert Wagner</u>	
RELEASED BY: <u>Robert Wagner</u>	DATE: <u>7-24-02</u>
SIGNATURE: <u>Robert Wagner</u>	
RECEIVED BY: <u>E. Simpson</u>	DATE: <u>7/24/02</u>
SIGNATURE: <u>E</u>	

760-07-091

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

**2220 East 45th Street
New York, NY 10017
(212) 822-0077
Fax (212) 822-0630**

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

CLIENT:

PROJECT:

LOCATION:

LABORATORY:

ANALYSIS METHOD: circle one A.

TECHNICIAN:

[illegible]

COMMENTS:

SAMPLE BY:

SIGNATURE:

REFUSED BY:

SIGNATURE:

RECEIVED BY:

SIGNATURE:

DATE:

DATE: _____

DATE:

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 BEYOND THE SIDE FOR ANALYSIS INFORMATION

ANALYSIS REPORT ASBESTOS IN AIR

CLIENT: WARREN & PANZER
PROJECT: Roof Cleaning - 29 Broadway

[illegible]

Date Received: 7/21/02
Date Analyzed: 7/25/02
Date of Report: 7/25/02

Area Analyzed: 0.0580 mm'
Grid Opening Area: 0.004573-mm'
Date Collected: 7/23/02

Lab Director: George Kouvaras

DISCOUNT

10% OFF - to ALPRA Method (PDA 40 P. 76) - Answer the A-Samples will be normal for study (90) days and then returned to the client upon request.

NAVY-DOH ELAP#: 11273

NIST-NV LAP #: 103047

ATLA #: 100769