

08/23/02 13:47 FAX 914 941 4134

Testwell Laboratories

002/003

TESTWELL LABORATORIES, INC.
ENVIRONMENTAL DIVISION

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DATE: 8/23/02

ASBESTOS LABORATORY

TEM AIR SUMMARY SHEET

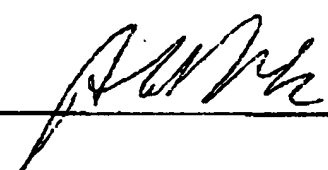
CLIENT: Warren and Panzer Engineers, P.C.PROJECT: NYC-DEP / Cleaning / 30 W. BroadwayMETHOD: AHERAAVERAGE GRID OPENING AREA = 0.0121 mm²

CLIENT NUMBER	LAB # 01 TEM -	VOLUME COLLECTED (L)	GRID OPENINGS ANALYZED	GRID AREA ANALYZED (mm ²)	COUNTABLE ASBESTOS STRUCTURES PER SAMPLE	CONCENTRATION (Structures/mm ²)	CONCENTRATION (Structures/cc)
001A	6685	1800.0	4	0.048	0	< 20.66	< 0.004
002A	6686	1800.0	4	0.048	0	< 20.66	< 0.004
003A	6687	1800.0	4	0.048	0	< 20.66	< 0.004
004A	6688	1800.0	4	0.048	0	< 20.66	< 0.004
005A	6689	1800.0	4	0.048	0	< 20.66	< 0.004

	Structures/mm ²	Structures/cc
TOTAL AVERAGE CONCENTRATIONS	< 20.66	< 0.004

NOTE: When no asbestos structures are counted, the Analytical Sensitivity (Detection Limit) is reported.

COMMENTS:

ANALYST'S SIGNATURE: 

NYC-WTC 000109835

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**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 764-7490

Fax. (718) 764-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-116

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 30 West Broadway

DATE OF REPORT: 08/23/02

DATE OF ANALYSIS: 08/22/02

EFFECTIVE FILTER AREA (mm²): 385**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY****LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (ml)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (str/area/cm ²)	TOTAL ASBESTOS AIR CONC. (str/area/cm ²)	TOTAL ASBESTOS FILTER CONC. (str/mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S>5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
JB8 01	T02-08-116-1802	By Decon	1400	5	0.0621	0.0044	0.0044	16.10	<0.0044	0.0044	Chrys.	NA
JB8 02	T02-08-116-1803	Right front	1400	5	0.0621	0.0044	<0.0044	<16.10	NA	NA	NA	NA
JB8 03	T02-08-116-1804	Right side	1400	5	0.0621	0.0044	<0.0044	<16.10	NA	NA	NA	NA
JB8 04	T02-08-116-1805	Left front	1400	5	0.0621	0.0044	<0.0044	<16.10	NA	NA	NA	NA
JB8 05	T02-08-116-1806	Left side	1400	5	0.0621	0.0044	<0.0044	<16.10	NA	NA	NA	NA

ANALYST
E. D. SmithLABORATORY DIRECTOR
Spiro Dominguez

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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.

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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

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

CLIENT: NYC D E OPROJECT: 30 West BroadwayLOCATION: Front facadeW&P FILE #: 1379. 01. 02LABORATORY: WKOANALYSIS METHOD: PCM TEM
circle one 7400 AHERA EPA LEVEL IITECHNICIAN: John BoydCONTACT: Mike NolanPAGE 1 OF 1

P.O.

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
J00 01	bt Dec 20	3		4	4	0910	1500	350	1490	
J00 02	right Front	3		4	4	0912	1502	350	1400	
J00 03	right side	3		4	4	0914	1504	350	1400	
J00 04	Left Front	3		4	4	0916	1506	350	1400	
J00 05	Left side	3		4	4	0918	1508	350	1400	
J00 06	Final Blank	1		—	—	0	0	0	0	
J00 07	4	1		—	—	0	0	0	0	
J00 08	Sealed Blank	1		—	—	0	0	0	0	

COMMENTS:

SAMPLE BY: <u>John Boyd</u>	DATE: <u>8/20/02</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>John Boyd</u>	DATE: <u>8/20/02</u>
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>E. Sienk</u>	DATE: <u>8/22/02</u>
SIGNATURE: <u>[Signature]</u>	

702-08-116

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. (716) 784-7490
Fax. (716) 784-4085

CLIENT: Warten & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-113

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.R.

AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 30 W Broadway

DATE OF REPORT: 08/23/02

DATE OF ANALYSIS: 08/22/02

EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O.'S ANAL YZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (air act/cm ³)	TOTAL ASBESTOS AIR CONC. (air act/cm ³)	TOTAL ASBESTOS FILTER CONC. (str./cm ²)	AIR CONC. FOR 0.5-5.0µm	AIR CONC. FOR STRUCT. 5-20µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
001A	T02-08-113-1787	Entrance to decon	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
002A	T02-08-113-1788	North west on ground level	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
003A	T02-08-113-1789	North area center ground level	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
004A	T02-08-113-1790	North east area ground level	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
005A	T02-08-113-1791	North area adjacent to security box	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

ANALYST
E. Sioukhi

LABORATORY DIRECTOR
Spiro Dongaris

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 containers 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 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 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.
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