



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490
Fax. (718) 784-4085

CLIENT: Warren & Panzer Engineers, P. C.
LABORATORY ID #: T02-08-016
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.F.
AVERAGE G.O. AREA (mm²): 0.012422

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 9294 Warren Street
DATE OF REPORT: 08/05/02
DATE OF ANALYSIS: 08/04/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (struct./mm ²)	AIR CONC. FOR STRUCT. 0.55<5µm	AIR CONC. FOR STRUCT. 5<10µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-016-1278	Entrance hallway 2 nd floor	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
02	T02-08-016-1279	Stair way	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
03	T02-08-016-1280	By work area east	1350	5	0.0621	SAMPLES OVERLOADED WITH PARTICULATE MATERIAL RENDERING IT UNACCEPTABLE FOR ANALYSIS						
04	T02-08-016-1281	By work area west	1350	5	0.0621	0.0046	<0.0046	<16.10	NA	NA	NA	NA
05	T02-08-016-1282	By work area north	1350	5	0.0621	0.0046	0.0046	16.10	<0.0046	0.0046	Chrys.	NA

E. Sioukri

ANALYST
E. Sioukri

Spino Dongaris

LABORATORY DIRECTOR
Spino 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 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 reflects only the 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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ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

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CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T02-08-017

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 92/94 Warren Street

DATE OF REPORT: 08/05/02

DATE OF ANALYSIS: 08/04/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.% ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (ntc./mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPLIB. ASBEST. TYPE SPECIFY
01	T02-08-017-1283	Inside work area north	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02	T02-08-018-1284	Inside work area east	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
03	T02-08-018-1285	Inside work area center	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
04	T02-08-018-1286	Inside work area south	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
05	T02-08-018-1287	Inside work area west	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA

E. Sioukri

ANALYST

E. Sioukri

LABORATORY DIRECTOR

Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 181958, ELAP 10955

- Athenica Environmental Services Inc. (AESI), is responsible entity for information pertaining to samples analyzed by its employees.
- Air sampling cassettes will be stored for sixty (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 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 AESI Inc.
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228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0830

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

W&P FILE #: 6577:05102

LABORATORY: A/C

ANALYSIS METHOD: PCM 7400

circle one

TECHNICIAN:

CLIENT: NYC DEP

PROJECT: Side Facades

LOCATION: 92-194 Warren Street

W&P FILE #: 6577:05102

LABORATORY: A/C

ANALYSIS METHOD: PCM 7400

circle one

TECHNICIAN:

CONTACT: Mr. Mike

LLW#:

SCA JOB#:

P.O.

702-08-017

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SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (fib./cc.)
01	Inside Work Area North	3		10	10	1055	1355	600	1800	
02	Inside Work Area East	3		07	07	0932	1332	420	1680	
03	Inside Work Area Centre	2		07	07	0934	1334	420	1680	
04	Inside Work Area South	3		07	07	0936	1336	420	1680	
05	Inside Work Area West	3		07	07	0938	1338	420	1680	
06	Ref	1								
07	Ref	1								
08	Copped Balance	1								

COMMENTS: Different in Pump # BT is test, it's felt down to the ground and the DEP officer said I should changed it with the time

SAMPLE BY: Celestine Nnamang	DATE: 08/03/02
SIGNATURE: C. Nnamang	
RELEASED BY: Celestine Nnamang	DATE: 08/03/02
SIGNATURE:	
RECEIVED BY: E. S. S. S. S.	DATE: 8/4/02
SIGNATURE: E. S. S. S. S.	

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

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