


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 704-7490

Fax. (718) 704-4005

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-09-059

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013771

PROJECT: NYCDEP, 214 Pearl St.

DATE OF REPORT: 09/17/02

DATE OF ANALYSIS: 09/17/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY DESCRIPTION

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (micro/ft ³)	TOTAL ASBESTOS FILTER CONC. (micro/ft ³)	AIR CONC. FOR STRUCT. 0.559-5µm	AIR CONC. FOR STRUCT. 5-23.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
JB9 01	T02-09-059-2360	Side of building (Pearl)	1380	5	0.0689	0.0041	0.0041	14.52	<0.0041	0.0041	Chrys	N/A
JB9 02	T02-09-059-2361	In front of 214 Pearl	1380	5	0.0689	0.0041	<0.0041	<14.52				
JB9 03	T02-09-059-2362	On Fletcher St. right	1380	5	0.0689	0.0041	<0.0041	<14.52				
JB9 04	T02-09-059-2363	On Fletcher St. middle	1380	5	0.0689	0.0041	<0.0041	<14.52				
JB9 05	T02-09-059-2364	On Fletcher St. left	1380	5	0.0689	0.0041	<0.0041	<14.52				

E. Sioukri

ANALYST

R. Sioukri

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 no circumstances will AES Inc. be held responsible for the concentration 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, 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.

156 Water St



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LABORATORY DATA

CLIENT #	LAB. ID	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct/cm ³)	TOTAL ASBESTOS AIR CONC. (atmc/cm ³)	TOTAL ASBESTOS FILTER CONC. (atmc/cm ³)	AIR CONC. FOR STRUCT. 0.559-5.0um	AIR CONC. FOR STRUCT. 5.25-10um	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
JB9 01	T02-09-059-2360	Side of building (Pearl)	1380	5	0.0689	0.0041	0.0041	14.52	<0.0041	0.0041	Chrys.	NA
JB9 02	T02-09-059-2361	In front of 214 Pearl	1380	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
JB9 03	T02-09-059-2362	On Fletcher St. right	1380	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
JB9 04	T02-09-059-2363	On Fletcher St. middle	1380	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA
JB9 05	T02-09-059-2364	On Fletcher St. left	1380	5	0.0689	0.0041	<0.0041	<14.52	NA	NA	NA	NA

E. Sioukri

ANALYST
R. Sioukri

[Signature]

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 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.
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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

PAGE 1 OF 1
P.O.

CLIENT: NYC DEP
PROJECT: 114 Pearl st
LOCATION: Roof

W&P FILE #: 1074.2102
LABORATORY: WKP
ANALYSIS METHOD: PCM
circle one 7400
TECHNICIAN: John Boyd

CONTACT: Mike Nelson

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (lb./cc.)
JB9 01	Side of building	3		3	3	0730	1510	460	1380	
JB9 02	IN Front of 214 Pearl	3		3	3	0732	1512	460	1380	
JB9 03	on Fletcher st Nych	3		3	3	0734	1514	460	1380	
JB9 04	on 4 11 middle	3		3	3	0736	1516	460	1380	
JB9 05	on Fletcher st Leaf	3		3	3	0738	1518	460	1380	
JB9 06	Field Blank	1				0	0	0	0	
JB9 07	" "	1				0	0	0	0	
JB9 08	Sealed Blank	1				0	0	0	0	

COMMENTS:

SAMPLE BY: John Boyd DATE: 9.15.02
SIGNATURE: [Signature]
RELEASED BY: John Boyd DATE: 9.15.02
SIGNATURE: [Signature]
RECEIVED BY: A. C. [Signature] DATE: 9/17/02
SIGNATURE: [Signature]

SAMPLE TYPE CODES			
1 - Blank	2 - Pre-Abatement	3 - During Abatement	4 - During Glove Bag Removal
5 - Final Clearance (inside)	6 - Final Clearance (outside)	7 - Personal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION