


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 794-7490
 Fax. (718) 794-1085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pitzer Engineers, P.C.

LABORATORY ID #: T02-10-058

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.01389

PROJECT: NYC DEP, 123 Williams Street

DATE OF REPORT: 10/1/02

DATE OF ANALYSIS: 10/1/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O. % ANAL. USED	AREA ANALY ZED (mm ²)	ANALYT. SENSITV. (micrograms/cm ²)	TOTAL ASBESTOS AIR CONC. (micrograms/cm ³)	TOTAL ASBESTOS FILTER CONC. (micrograms/cm ³)	AIR CONC. FOR STRUCT. 0.558-9µm	AIR CONC. FOR STRUCT. 8-24µm	ASBEST. TYPE CHYRS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-10-058-2968	Penthouse entry/stairway A	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
02	T02-10-058-2969	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
03	T02-10-058-2970	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
04	T02-10-058-2971	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
05	T02-10-058-2972	West side	1689.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA

E. Stokli

 ANALYST
 E. Stokli

 LABORATORY DIRECTOR
 Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NYLAP R01958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- All sampling activities will be done for sixty (60) days. AES Inc., should be notified within this time frame for a more 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 is only to be used for the intended purpose. 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 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.

OCT-15-2002 12:35

BAMM LABORATORY UNIT

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ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel: (718) 764-7490

Fax: (718) 764-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

PROJECT: NYC DEP, 123 Williams Street

LABORATORY ID #: T02-10-058

DATE OF REPORT: 10/1/02

ANALYT. METHODOLOGY: AHERA

DATE OF ANALYSIS: 10/1/02

FILTER TYPE: M.C.E.

 EFFECTIVE FILTER AREA (mm²): 18.5

 AVERAGE G.O. AREA (mm²): 0.013838

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (ft ³)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (fibr./cm ²)	TOTAL ASBESTOS AIR CONC. (fibr./cm ³)	TOTAL ASBESTOS FILTER CONC. (fibr./mm ²)	AIR CONC. FOR STRUCT. 0.558-3µm	AIR CONC. FOR STRUCT. 5-5.0µm	ASBEST. TYPE CHRYS.	ASBEST. TYPE TYP.	ASBEST. TYPE SPECIFY
06	T02-10-058-2973	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA	NA
07	T02-10-058-2974	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA	NA
08	T02-10-058-2975	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA	NA
09	T02-10-058-2976	East side N corner	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA	NA
10	T02-10-058-2977	East side N corner stairway B	1677.6	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA	NA

E. Simola
ANALYST

E. Simola

Sp. DeAngelo
LABORATORY DIRECTOR

Spiro DeAngelo

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10953

- Athenica Environmental Services Inc. (AES), in response to the only for information pertaining to samples taken by its employees.
- Air sampling cassette will be stored for sixty (60) days. AES Inc., should be notified within this time frame for a final duplicate analysis.
- If AES Inc., did not conduct the sampling, the reported air 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 characterize or endorse 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 area is charged, shall in no event exceed the amount of the invoice.

OCT-15-2002 11:30

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230 East 15th Street
New York, NY 10007
(212) 922-9077
Fax (212) 922-0510

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM
20 hr⁺/hr 12 hr⁺/hr 6 hr⁺/hr 3 hr⁺/hr Immediate +/a

PAGE 1 OF 1
P.O.

CLIENT: NYC - DEP
PROJECT: ROCKS & BARRIERS -
LOCATION: 113 WILLIAMS ST -

W&P FILE #: 1075101 02

LABORATORY: ATLANTA

ANALYSIS METHOD: PCM TEM
circle one 7400 AHERA EPA LEVEL II

CONTACT: W. S. S. S.

TECHNICIAN: J. S. S.

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc)
01	POST-TESTING / STATION A -	3	1	1	1	7:41	14:45	4:22.4	1689.6	
02	WESTSIDE -	3	1	1	1	7:42	14:46	4:22.4	1689.6	
03	WESTSIDE -	3	1	1	1	7:43	14:47	4:22.4	1689.6	
04	WESTSIDE -	3	1	1	1	7:44	14:48	4:22.4	1689.6	
05	WESTSIDE -	3	1	1	1	7:45	14:49	4:22.4	1689.6	
06	EAST SIDE - AL COUNCIL	3	1	1	1	7:50	14:50	4:20	1680	
07	EAST SIDE - AL COUNCIL	3	1	1	1	7:51	14:51	4:20	1680	
08	EAST SIDE - AL COUNCIL	3	1	1	1	7:52	14:52	4:20	1680	
09	EAST SIDE - AL COUNCIL	3	1	1	1	7:53	14:53	4:20	1680	
10	EAST SIDE - AL COUNCIL	3	1	1	1	7:55	14:54	4:19.4	1677.6	
11	FINAL BLANK	1								
12	FIELD BLANK	1								

COMMENTS:

SAMPLE BY: J. S. S. DATE: 10-09-02
SIGNATURE: J. S. S.
RELEASED BY: J. S. S. DATE: 10-09-02
SIGNATURE: J. S. S.
RECEIVED BY: A. O. J. G. A. DATE: 10/10/02
SIGNATURE: A. O. J. G. A.

T02-10-058

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


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Paezzer Engineers, P.C.

LABORATORY ID #: T02-10-078

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 123 Williams Street

DATE OF REPORT: 10/13/02

DATE OF ANALYSIS: 10/13/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (gr./mm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRV.	AMPHIB. ASBEST. TYPE SPRITPV
01	T02-10-078-3076	Entry roof / Stairway B	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
02	T02-10-078-3077	East side roof	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
03	T02-10-078-3078	East side roof	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
04	T02-10-078-3079	East side roof	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA
05	T02-10-078-3080	East side roof	1680	4	0.0554	0.0041	<0.0041	<18.07	NA	NA	NA	NA

E. Sioukri
ANALYST

B. Sioukri

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 no 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 includes only no 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
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1

P.O.

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

W&P FILE #: 1075 el 02 -

LABORATORY: Amesbury

ANALYSIS METHOD: PCM

TECHNICIAN: 1 A

CLIENT: Apco-040

PROJECT: Boyle + Associates

LOCATION: 729 JEFFERSON STREET

CONTACT: MALCOLM

TECHNICAL: 1 A

ANALYSIS METHOD: PCM

TECHNICIAN: 1 A

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (flp./cc.)
01	ENTRANCE/STREET	3	1	4	4	7:30	14:30	4:20	1680	
02	EAST STAIRS	3	1	4	4	7:31	14:31	4:20	1680	
03	EAST STAIRS - 1000	3	1	4	4	7:33	14:33	4:20	1680	
04	EAST STAIRS	3	1	4	4	7:34	14:34	4:20	1680	
05	EAST STAIRS	3	1	4	4	7:35	14:35	4:20	1680	
06	ENTRANCE	1	1	4	4	7:35	14:35	4:20	1680	
07	REAR BLANK	1	1	4	4	7:35	14:35	4:20	1680	

COMMENTS:

702-10-078

SAMPLE BY: <u>J. B. Jones</u>	DATE: <u>10-12</u>
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>[Signature]</u>	DATE: <u>10-12</u>
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>[Signature]</u>	DATE: <u>10-12</u>
SIGNATURE: <u>[Signature]</u>	

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		