

TEL :

Dec 25, 00

7:21 No.001 P.08

**ATHENICA**

ENVIRONMENTAL SERVICES INC. ANALYT. METHODOLOGY: AIHERA

Tel: (212) 794-7400
Fax: (212) 794-4005**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-013

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/03/02

DATE OF ANALYSIS: 11/03/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB ID #	LOCATION	VOLUME (m ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (femtogram)	TOTAL ASBESTOS AIR CONC. (femtogram)	TOTAL ASBESTOS FILTER CONC. (femtogram)	AIR CONC. FOR STRUCT. ANALYSIS (femtogram)	AIR CONC. FOR STRUCT. ANALYSIS (femtogram)	ASBEST. TYPE CHRYS.	ANALYT. TYPE SPECIFIC
01	T02-11-013-3740	Exit to the roof	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA
02	T02-11-013-3741	W/A right side of	1560	4	0.0537	0.0046	<0.0046	<18.61	NA	NA	NA	NA
03	T02-11-013-3742	W/A 1st middle of	1560	4	0.0537	0.0046	0.0046	18.61	<0.0046	0.0046	Chrys.	NA
04	T02-11-013-3743	W/A 2nd middle of	1560	2	0.0269	0.0092	0.0092	148.89	0.0092	0.0276	Chrys.	NA
05	T02-11-013-3744	W/A left side of	1560	3	0.0403	0.0061	0.0245	99.26	0.0122	0.0122	Chrys.	NA

ANALYST:

B. Dimitrakas

LABORATORY DIRECTOR

Spiro Donganis

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 re-analyse 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 accepted solely for the convenience of the client.
- The report relates only to items tested. This report must not be used to claim product conformance 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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210 East 4th Street
New York, NY 10017
(212) 822-0077
Fax (212) 522-0630

WARREN & PANZER ENGINEERS, P.C.

PAGE 1 OF 1

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

P.O.

CLIENT: NYC DEP

PROJECT: CLEANING

LOCATION: 100 Church St NYC

W&P FILE #: 1029-01-02

CONTACT: M. Volant

LABORATORY: W&P

ANALYSIS METHOD: PCM TEM TEM

circle one 7400 (HERA) EPA LEVEL II

TECHNICIAN: DIPLO ELEMNO

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg./cc.)
01	EXT TO THE ROOF	3		04 04	1030	1700	390	1560	
02	WHA Rightside of WHA	3		04 04	1031	1701	390	1560	
03	1st Middle -	3		04 04	1032	1702	390	1560	
04	2nd Middle -	3		04 04	1033	1703	390	1560	
05	Leftside of WHA	3		04 04	1035	1705	390	1560	
06	field Blank	1							
07	-	1							
08	Sealed Blank	1							

COMMENTS:

T02-11-013

SAMPLE BY: DIPLO ELEMNO DATE: 11/2/02

SIGNATURE: DIPLO ELEMNO

RELEASED BY: DIPLO ELEMNO DATE: 11/2/02

SIGNATURE: DIPLO ELEMNO

RECEIVED BY: ACATILIA DATE: 11/9/02

SIGNATURE: ACATILIA

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

TEL :

Dec 25, 00

7:17 No.001 P.04

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (718) 764-7000
Fax: (718) 764-0005**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warner & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-015

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/03/02

DATE OF ANALYSIS: 11/03/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB ID #	LOCATION	VOLUME (b)	G.O. % ANAL. T02	AREA ANALY (mm ²)	ANALYT. SENSITV. (mm ² /mm ²)	TOTAL ASBESTOS AIR CONC. (mm ² /mm ²)	TOTAL ASBESTOS FILTER CONC. (mm ² /mm ²)	AIR CONC. FOR STRUCT. 0.558-6.2mm	AIR CONC. FOR STRUCT. 6.25-20mm	ASBEST. TYPE CEMT.	AIRBOR. ASBEST. TYPE SPECIFY
01	T02-11-015-3750	Decon	1416	5	0.0672	0.0040	<0.0040	<14.89	NA	NA	NA	NA
02	T02-11-015-3751	Southeast by stairway/utility room	1401	5	0.0672	0.0041	0.0041	14.89	<0.0041	0.0041	Chrys	NA
03	T02-11-015-3752	South east by west corner	1377.6	5	0.0672	0.0042	0.0042	28.78	0.0041	0.0041	Chrys	NA
04	T02-11-015-3753	South east -east side	1377.6	5	0.0672	0.0042	<0.0042	<14.89	NA	NA	NA	NA
05	T02-11-015-3754	South east -east side	1530	4	0.0537	0.0047	<0.0047	<18.61	NA	NA	NA	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Douglas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10956

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling results will be stored for sixty (60) days. AES Inc. should be notified within this time frame for a new 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.
- This report relates only to tests 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.

1220 EAST 45TH STREET
NEW YORK, NY 10017
(212) 922-0077
FAX (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.

PAGE OF

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a

12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate⁺/a

P.O.

CLIENT: Ms. De-

PROJECT: RAY'S & FALCADO

LOCATION: 100 C. K. ACH ST -

W&P FILE #: 1072 01 07

LABORATORY: 03KbA

ANALYSIS METHOD: PCM TEM TEM

circle one 7400 AMERA EPA LEVEL N

TECHNICIAN: 18450

CONTACT: Mr. Delaney -

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (mg/l)
01	Deep	3	1	4	4	10:05	10:15	554	1414	
02	Seawater of standing liberty Ave.	3	1	4	4	10:33	10:12	552.4	1401	
03	Seawater East of West - Outer	3	1	4	4	10:37	10:10	344.4	1372.6	
04	Seawater East - Cast Stone	3	1	4	4	10:45	10:11	344.4	1370.6	
05	Seawater East - Cast Stone	3	1	5	5	11:10	10:20	306	1530	
06	Field Area	1	1							
07	Field Area	1	1							

COMMENTS:

702-11-015

SAMPLE BY: J. Dwyer DATE: 01-03-02

SIGNATURE: *J. Davis*

RELEASED BY: Q/8 kgr DATE: 11-22-82

SIGNATURE: Q. H. Rogers

RECEIVED BY: A-C 57157 DATE: 11/3/02

SIGNATURE: _____

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

TEL :

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**ATHENICA**

ENVIRONMENTAL SERVICES INC.

TEL (718) 764-7600
FAX (718) 764-4065**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warren & Packer Engineers, P.C.
LABORATORY ID #: T02-11-016
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 100 Church Street
DATE OF REPORT: 11/04/02
DATE OF ANALYSIS: 11/04/02
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (m ³)	G.O.'s ANAL. YZED	AREA ANALY ZED (mm ²)	ANALYT. SENSITIV. (femto/cm ²)	TOTAL ASBESTOS AIR CONC. (femto/cm ²)	TOTAL ASBESTOS FILTER CONC. (femto/cm ²)	AIR CONC. FOR STRICT. 0.555-9µm	AIR CONC. FOR STRICT. 825.0µm	ASBEST. TYPE CURVES	AMBIENT ASBEST. TYPE RELATV
01	T02-11-016-3755	Decoon	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
02	T02-11-016-3756	South side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
03	T02-11-016-3757	West side of roof (south)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
04	T02-11-016-3758	West side of roof (north)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
05	T02-11-016-3759	North side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA

ANALYST

E. Dimitrakos

LABORATORY DIRECTOR

Sprio Douglas

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 operations will be record 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 includes only 10 forms listed. 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.

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**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (212) 794-7400
Fax: (212) 794-4065**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Watten & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-016

ANALYT. METROBIOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 160 Church Street

DATE OF REPORT: 11/04/02

DATE OF ANALYSIS: 11/04/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (#)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (femto/cm)	TOTAL ASBESTOS AIR CONC. (femto/cm)	TOTAL ASBESTOS FILTER CONC. (gr/mm ²)	AIR CONC. FOR STRUCT. 0.558-5.0um	AIR CONC. FOR STRUCT. 2.5-10um	ASBEST. TYPE CHRY'S	AIRBORNE ASBEST TYPE SPECIFY
01	T02-11-016-3755	Decod	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
02	T02-11-016-3756	South side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
03	T02-11-016-3757	West side of roof (south)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
04	T02-11-016-3758	West side of roof (north)	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA
05	T02-11-016-3759	North side of roof	1800	4	0.0537	0.0040	<0.0040	<18.61	NA	NA	NA	NA

ANALYST
E. Dimitrakas

LABORATORY DIRECTOR
Spiro Dergatis**LABORATORY CERTIFICATION NUMBERS: NVLAP 161958, ELAP 10955**

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Any sampling conducted will be done for only (80) 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 information 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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226 East 45th Street
New York, NY 10017
(212) 922-4077
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

12 hr^{1/2} 12 hr^{1/2} 6 hr^{1/2} 3 hr^{1/2} Immediate ^{1/2}hr

PAGE ____ OF ____
P.O. _____

CLIENT: NEPPROJECT: 100 CHURCH ST.LOCATION: 100 CHURCH ST (ROOF)W&P FILE #: 1079.01.02

LABORATORY:

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

CONTACT: _____

TECHNICIAN: SYMMON 9/15/04

COMMENTS:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg./kg.)
01	ROOF	3	1	5	5	0631	1231	1600	1800	
02	SOUTH SIDE OF ROOF	3	2	5	5	0633	1233	1600	1800	
03	WEST SIDE OF ROOF (SOUTH)	3	3	5	5	0634	1234	1600	1800	
04	WEST SIDE OF ROOF (NORTH)	3	4	5	5	0635	1235	1600	1800	
05	NORTH SIDE OF ROOF	3	5	5	5	0637	1237	1600	1800	
06	ROOF	1								
07	ROOF	1								
08	ROOF	1								

702-11-016

SAMPLE BY: REYNOLD D. BISHOP JR. DATE: 11.2.2002

SIGNATURE: [Signature]

RELEASED BY: REYNOLD D. BISHOP JR. DATE: 11.2.2002

SIGNATURE: [Signature]

RECEIVED BY: G. M. PANZER DATE: 11/4/02

SIGNATURE: [Signature]

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