

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

14, 023 784-7400
FAX: 023 784-4085CLIENT: Warner & Paez Engineers, P.C.
LABORATORY ID #: T02-11-039

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/17/02

DATE OF ANALYSIS: 11/07/02

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

CLIENT #	LAB. ID #	LOCATION	VOLUME (m ³)	G.O. % ANALYZED	AREA ANALY (mm ²)	ANALYT. SENSITV. (femtograms)	TOTAL ASBESTOS AIR CONC. (femtograms)	TOTAL ASBESTOS FILTER CONC. (femtograms)	AIR CONC. FOR STRUCT. 0.55-5.0um	AIR CONC. FOR STRUCT. 0.5-0.9um	ASBEST. TYPE CRYST.	ANALYT. ASBEST. TYPE SPECTRY
01	T02-11-039-3901	Decor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
02	T02-11-039-3902	Exit to the roof	1440	4	0.0537	0.0050	0.0199	74.44	0.0100	0.0100	Chrys.	NA
03	T02-11-039-3903	IWA west side of W/A	1440	4	0.0537	0.0050	0.0050	18.61	<0.0050	0.0050	Chrys.	NA
04	T02-11-039-3904	IWA east side of W/A	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
05	T02-11-039-3905	IWA 2 nd east side of W/A	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA

ANALYST

E. Shoukri

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10935

LABORATORY DIRECTOR

Spice Doege

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- Air sampling procedures will be stored for study (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 service charged, shall in no event exceed the amount of the invoice.

TEL:

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15:24 No.002 P.04

228 East 45th Street
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WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 OF 1

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

P.O.

CLIENT: NYC DEP
PROJECT: CELEBRATING Roof
LOCATION: 100 Church St NY

W&P FILE #: 1079-01-02
LABORATORY: LULC
ANALYSIS METHOD: PCM (TEM) TEM
circle 012 7400 AHERX EPA LEVEL: 1
TECHNICIAN: D/20 ELEM0

CONTACT:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PIPED #	FLOWRATE SCF/HR	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (Meters)	CONCENTR. (PPM/CC)
01	Decon	3		03	03	0830	1430	480	1440	
02	Exit to the roof	3		03	03	0831	1430	480	1440	
03	WHA Westside of WH	3		03	03	0832	1430	480	1440	
04	East Side	3		03	03	0833	1430	480	1440	
05	2nd Eastside WH	3		03	03	0835	1430	480	1440	
06	field Blank	1								
07	field Blank	1								
08	Sealed Blank	1								

COMMENTS:

T02-11-039

SAMPLE BY: D/20 ELEM0 DATE: 11/6/02
SIGNATURE: D/20
RELEASED BY: D/20 ELEM0 DATE: 11/6/02
SIGNATURE: D/20
RECEIVED BY: A-CATHERY DATE: 11/7/02
SIGNATURE: A-CATHERY

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

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15:26 No.002 P.07

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7400
Fax. (718) 794-4005

CLIENT: Warner & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-042

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: NCFE

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/08/02

DATE OF ANALYSIS: 11/08/02

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

CLIENT #	LAB. ID #	LOCATION	VOLUME (m ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (detect/area)	TOTAL ASBESTOS AIR CONC. (detect/area)	TOTAL ASBESTOS FILTER CONC. (gr./mm ²)	AIR CONC. FOR STRUCT. 0.55-0.9um	AIR CONC. FOR STRUCT. 2.5-9um	ASBEST. TYPE CHRYA	AHERA ASBEST. TYPE SPECIFY
01	T02-11-042-3916	DOORS	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
02	T02-11-042-3917	IWA East roof	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
03	T02-11-042-3918	IWA right side (West roof)	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
04	T02-11-042-3919	IWA middle (West roof)	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
05	T02-11-042-3920	IWA left side (West roof)	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA

ANALYST

E. Stoukri

LABORATORY DIRECTOR

Spiru Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101956, ELAP 10965

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- No sampling activities will be started for study (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 to future test. 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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WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE 1 of 1

24 hr¹/a 12 hr¹/a 6 hr¹/a 3 hr¹/a Immediate ¹/a

P.O. _____

CLIENT: NYC DEP

PROJECT: Cleaning Roof

LOCATION: 100 Church St NYC

W&P FILE #: 1079-01-02
LABORATORY: 1046
ANALYSIS METHOD: PCM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: DIPD ELEMO

CONTACT: M. NOLAN

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (mg/L)
01	Decon	3		03 03	0630	1430	480	1440	
02	WPA EAST ROOF	3		03 03	0631	1431	480	1440	
03	Right side (West Roof)	3		03 03	0632	1432	480	1440	
04	Middle (West Roof)	3		03 03	0633	1433	480	1440	
05	Left side (West Roof)	3		03 03	0635	1435	480	1440	
06	Hot field blank	1			NA				
07		1			NA				
08	Sealed blank	1			NA				

COMMENTS:

T02-01-042

SAMPLE BY: DIPD ELEMO DATE: 11/7/02
SIGNATURE: DIPD
RELEASED BY: DIPD ELEMO DATE: 11/7/02
SIGNATURE: DIPD
RECEIVED BY: 11/7/02
SIGNATURE: 11/9/02

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

TEL :

Dec 31,00

15:28 No.002 P.09

**ATHENICA**
 ENVIRONMENTAL SERVICES INC.
 Tel: (718) 794-7000
 Fax: (718) 794-4005

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Puzer Engineers, P.C.

LABORATORY ID #: T02-11-043

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: MCE

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 100 Church Street

DATE OF REPORT: 11/08/02

DATE OF ANALYSIS: 11/08/02

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detection)	TOTAL ASBESTOS AIR CONC. (detection)	TOTAL ASBESTOS FILTER CONC. (detection)	AIR CONC. FOR STRUCT. ASSESSMENT (cc/liter)	AIR CONC. FOR STRUCT. ASSESSMENT (cc/liter)	ASBEST. TYPE CIRCS	AHERA ASBEST. TYPE SPECIFY
01	T02-11-043-3921	@ entry to outside schback	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
02	T02-11-043-3922	East side of roof area 16" floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
03	T02-11-043-3923	East side of roof area 16" floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
04	T02-11-043-3924	East side of roof area 16" floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA
05	T02-11-043-3925	East side of roof area 16" floor	1440	4	0.0537	0.0050	<0.0050	<18.61	NA	NA	NA	NA

ANALYST

E. Stouffer

LABORATORY DIRECTOR

Suzanne Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10935

- Athenica Environmental Services Inc. (AES) is responsible only for information pertaining to samples taken by its employees.
- Air sampling equipment will be stored for easy (50) days. AES Inc. should be notified within this time frame for a free day/night analysis.
- If AES Inc. did not conduct the sampling, the reported information/assessment 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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AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

PAGE ____ OF ____
P.O. _____

CLIENT: NYC - DEP
PROJECT: PAVES + REPAIRS
LOCATION: 100 CHAMBERS ST

W&P FILE #: 1022 01 02
LABORATORY: AHERA/204
ANALYSIS METHOD: PCM
TECHNICIAN: J. [Signature]
EPA LEVEL II

CONTACT: m. [Signature]

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PURPOSE	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (M/L)
01	ENTRY TO ROCKETG. SET BACK	3	1	4	7:00	1:30	3:00	1440	
02	EAST SIDE OF ROOF AREA 10 th FL.	3	1	4	7:05	1:30	3:00	1440	
03	EAST SIDE OF ROOF AREA 10 th FL.	3	1	4	7:07	1:30	3:00	1440	
04	EAST SIDE OF ROOF AREA 10 th FL.	3	1	4	7:08	1:30	3:00	1440	
05	EAST SIDE OF ROOF AREA 10 th FL.	3	1	4	7:09	1:30	3:00	1440	
06	EAST SIDE OF ROOF AREA 10 th FL.	3	1	4	7:09	1:30	3:00	1440	
07	EAST SIDE OF ROOF AREA 10 th FL.	3	1	4	7:09	1:30	3:00	1440	

COMMENTS:

10211-043

SAMPLE BY: [Signature] DATE: 11-01
SIGNATURE: [Signature]
RELEASED BY: [Signature] DATE: 11-01
SIGNATURE: [Signature]
RECEIVED BY: [Signature] DATE: 11/9/02
SIGNATURE: [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

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel: (212) 794-2400
Fax: (212) 794-4005CLIENT: Warden & Packer Engineers, P.C.
LABORATORY ID #: T02-11-045

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE C.O. AREA (mm²): 0.013433**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**PROJECT: NYC DEP, 100 Church Street
DATE OF REPORT: 11/09/02

DATE OF ANALYSIS: 11/09/02

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

CLIENT #	LAB ID #	LOCATION	VOLUME (m ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (femto/cm ³)	TOTAL ASBESTOS AIR CONC. (femto/cm ³)	TOTAL ASBESTOS FILTER CONC. (femto/cm ³)	AIR CONC. FOR STRUCT. ANALYSIS (femto/cm ³)	AIR CONC. FOR STRUCT. ANALYSIS (femto/cm ³)	ASBEST. TYPE CHRYA	AMPHIB. ASBEST. TYPE SELECTIV
01	T02-11-045-3931	On roof west side by entrance	1320	5	0.0672	0.0043	0.0043	14.89	<0.0043	0.0043	Chrys	NA
02	T02-11-045-3932	On roof north west	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
03	T02-11-045-3933	On roof east side	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
04	T02-11-045-3934	On roof south east	1320	5	0.0672	0.0043	<0.0043	<14.89	NA	NA	NA	NA
05	T02-11-045-3935	By half way leading to roof	1320	5	0.0672	0.0043	0.0043	14.89	<0.0043	0.0043	Chrys	NA

ANALYST
E. Spoliti

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10935

LABORATORY DIRECTOR
Spero Demaris

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- For sampling procedures will be used for any (50) days. AES Inc., should be notified within this time frame for a true duplicate analysis.
- 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.
- This report relates only to the items tested. This report must be read 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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11/10/2002 16:28 FAX

Dec 31, 00

16:13 No. 003 P. 03

010

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WARREN & PANZER ENGINEERS, P.C.

PAGE ____ OF ____

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

P.O. _____

CLIENT: D.E.P.
PROJECT: 100 Church St
LOCATION: CoR

W&P FILE #: 1079-01-02
LABORATORY: ATHEMICA
ANALYSIS METHOD: PCM TEM
FIELD USE: 2400 AERIAL EPA LEVEL III
TECHNICIAN: J. GARCIA

CONTACT: [Signature]
LHW#: [Signature]
SCA/DOB: [Signature]

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TIME	VOLUME (liters)	CONCENTRATION (micrograms)
1	On roof, inside by staircase	3		6	6	10:29	14:09	220	1320	
2	11 North West St			1	1	10:29	14:09	220	1320	
3	On roof EAST side			1	1	10:35	14:15	220	1320	
4	On roof SOUTH EAST			1	1	10:35	14:15	220	1320	
5	12 hallway leading to roof	3		6	6	10:40	14:20	220	1320	
6	F-3	1		1	1	10:40	14:20	220	1320	
7	F-3	1		1	1	10:40	14:20	220	1320	
8	F-3	1		1	1	10:40	14:20	220	1320	

COMMENTS:

T02-11-045

SAMPLE BY: J. Garcia DATE: 11/8/02
SIGNATURE: [Signature]
RELEASED BY: J. Garcia DATE: 11/8/02
SIGNATURE: [Signature]
RECEIVED BY: A. C. [Signature] DATE: 11/9/02
SIGNATURE: [Signature]

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION