

07/25/2002 11:55 FAX 718 784 4093

003

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7498

Fax. (718) 784-4045

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-07-019

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.008643

PROJECT: NYC DEP, 111 Fulton Street

DATE OF REPORT: 07/25/02

DATE OF ANALYSIS: 07/25/02

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

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (fstruct/mm ³)	TOTAL ASBESTOS AIR CONC. (fstruct/cm ³)	TOTAL ASBESTOS FILTER CONC. (fstruct/mm ³)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
3	T02-07-019-1039	Decon	1800	5	0.0432	0.0049	0.0049	23.14	<0.0049	0.0049	Chrys.	NA
4	T02-07-019-1040	Exit from roof	1800	5	0.0432	0.0049	0.0049	23.14	<0.0049	0.0049	Chrys.	NA
5	T02-07-019-1041	East side of roof	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
6	T02-07-019-1042	West side of roof	1800	5	0.0432	0.0049	<0.0049	<23.14	NA	NA	NA	NA
7	T02-07-019-1043	North side of roof	1800	5	0.0432	0.0049	0.0049	<23.14	NA	NA	NA	NA

ANALYST
E. DimitrakasLABORATORY DIRECTOR
G. Davis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- An sampling cassette 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 in 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.

**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

Fax (212) 922-0630

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

W&P FILE #: 1079-01-02

LABORATORY:

ANALYSIS METHOD:	PCM	TEM	TEM
circle one	7400	ALPHA	EPAL LEVEL II

TECHNICIAN: 48514 OZBENK

CONTACT:

ANALYSIS METHOD:	PCM	TEM	TEM
------------------	-----	-----	-----

circle one 7400 AHERA EPA LEVEL II

TECHNICIAN: 48514 OZBENK

CLIENT:

PROJECT:

LOCATION:

myc DEO

Zero

111 EUGENE

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
1	BLANK	1								
2	"	1								
3	DECON	3		3	3	0830	1830	600	1800	
4	EXIT FROM ROOF	3		3	3	0832	1832	600	1800	
5	EAST SIDE OF ROOF	3		3	3	0834	1834	600	1800	
6	WEST " " "	3		3	3	0836	1836	600	1800	
7	NORTH " " "	3		3	3	0838	1838	600	1800	
8	BLANK	1								

התאריך: 11.11.2011

SAMPLE BY: PC79 OJENSEN DATED 7-24-02

SIGNATURE:

RELEASED BY: FBI - MEMPHIS DATE: 07-24-02

SIGNATURE:

RECEIVED BY: C-Signting DATE: 7/24/02

SIGNATURE:

702-07-019

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

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warron & Panzer Engineers, P.C.
LABORATORY ID #: T02-07-014
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. ARKA (mm): 0.008643

PROJECT: NYC DEP, 111 Fulton Street
DATE OF REPORT: 07/25/02
DATE OF ANALYSIS: 07/24/02
EFFECTIVE FILTER AREA (mm): 385



LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (femg/cm ²)	TOTAL ASBESTOS AIR CONC. (femg/cm ³)	TOTAL ASBESTOS FILTER CONC. (femg/cm ²)	AIR CONC. FOR 0.5-5.0µm	AIR CONC. FOR STRUCT. S-2.5µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
03	T02-07-014-1014	Decon	1710	6	0.0519	0.0043	<0.0043	<19.28	NA	NA	NA	NA
04	T02-07-014-1015	Exit to roof	1710	6	0.0519	0.0043	<0.0043	<19.28	NA	NA	NA	NA
05	T02-07-014-1016	East side of roof	1710	6	0.0519	0.0043	<0.0043	<19.28	NA	NA	NA	NA
06	T02-07-014-1017	West side of roof	1710	6	0.0519	0.0043	<0.0043	<19.28	NA	NA	NA	NA
07	T02-07-014-1018	North side of roof	1710	6	0.0519	0.0043	<0.0043	<19.28	NA	NA	NA	NA

[Signature]

ANALYST
R. Dimetris

[Signature]

LABORATORY DIRECTOR
Spiro Douganis

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 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 services charged, shall in no event exceed the amount of the invoice.

**228 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

Time	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
100	100	100	100	100	100
90	90	90	90	90	90
80	80	80	80	80	80
70	70	70	70	70	70
60	60	60	60	60	60
50	50	50	50	50	50
40	40	40	40	40	40
30	30	30	30	30	30
20	20	20	20	20	20
10	10	10	10	10	10
0	0	0	0	0	0

Fax (212) 922-0630

W8P FILE # 1074-01-02

CLIENT: NYC DEP

PROJECT: Roof
LOCATION: 111 FULTON ST

ANALYSIS METHOD:	PCM	TEM	TEM
circle one	7400	ANEMIA	EPA LEVEL 11

TECHNICIAN F87-1 85gmw607 F

[illegible]

COMMENTS:

DATE: 07-23-02

SAMPLE BY: 10250
SIGNATURE: 47

SIGNATURE: _____ DATE: 07-23-9

RECEIVED BY: [Signature] DATE: 07-23-9

RELEASED BY: 123 / 200-216

SIGNAL UHF: _____ DATE: 7/4/02
RECEIVED BY: D 1430 / 1 PM

RECEIVED BY: 16-01-1980

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

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 OF

P.O.

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/aCLIENT: NYC DEPW&P FILE #: 1079-01-02

LABORATORY:

PROJECT: ROOFLOCATION: 111 FULTON ST

CONTACT:

ANALYSIS METHOD: PCM TEM
circle one 7400 AKERA EPA LEVEL IITECHNICIAN: FESTI OSEWEGNE

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	OFF	TOTAL TIME	VOLUME (liters)	CONCENTRATION (fib./cc.)
01	BLANK	1								
02	"	1								
03	DECON	3		3	3	0830	1800	570	1710	<19.28 <10004
04	EXIT TO ROOF	3		3	3	0832	1802	570	6710	<19.28 <10004
05	EAST SIDE OF ROOF	3		3	3	0834	1804	570	1710	<19.28 <10004
06	WEST " "	3		3	3	0836	1806	570	1710	<19.28 <10004
07	NORTH " "	3		3	3	0838	1808	570	1710	<19.28 <10004
08	BLANK	1								

COMMENTS:

SAMPLE BY: FESTI OSEWEGNE DATE: 07-22-02
SIGNATURE: [Signature]
RELEASED BY: FESTI OSEWEGNE DATE: 07-22-02
SIGNATURE: [Signature]
RECEIVED BY: G. S. S. S. DATE: 7/23/02
SIGNATURE: [Signature] 10:00 PM

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

228 East 45th Street
New York, NY 10017
(212) 922-6077
Fax (212) 922-6630

WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE _____ OF _____

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

P.O. _____

CLIENT: NYC DEPW&P FILE #: 1079-01-02

LABORATORY: _____

CONTACT: _____

PROJECT: ROOFLOCATION: 111 Fulton StANALYSIS METHOD: PCM 7400 AKERPA TEM
circle one EPA LEVEL IITECHNICIAN: Fesit Osemwengne702-07-014

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (mg/cc.)	A>S STAGNANT
01	BLANK	1									
02	"	1									
03	DECON	3		3	3	0830	1800	570	1710	<1928	<100043
04	Elev TO ROOF	3		3	3	0832	1802	570	1710	<1928	<100043
05	EAST SIDE OF ROOF	3		3	3	0834	1804	570	1710	<1928	<100043
06	WEST " "	3		3	3	0836	1806	570	1710	<1928	<100043
07	NORTH " "	3		3	3	0838	1808	570	1710	<1928	<100043
08	BLANK	1									

COMMENTS:

SAMPLE BY: Fesit Osemwengne DATE: 07-22-08
SIGNATURE: [Signature]
RELEASED BY: Fesit Osemwengne DATE: 07-22-08
SIGNATURE: [Signature]
RECEIVED BY: C. S. Smith DATE: 7/23/02
SIGNATURE: [Signature] 10:00 PM

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

002/002

2220 East 45th Street
New York, NY 10017
(212) 922-8077
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P. C.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____

Fax (212) 922-0630

24 hr⁺/d

r+sa 6hr

Immediate + a

P.O.

W&P FILE #: 101-9-01-02

LABORATORY:

CONTACT:

CLIENT:

PROJECT:

PROJECT: 1000 F
LOCATION: 111 Fulton St

ANALYSIS METHOD:	PCM	TEM	TEM
1. TEM			
2. XRD			
3. EDS			
4. FTIR			
5. TGA			
6. DSC			
7. TMA			
8. DDM			
9. TGA			
10. DSC			
11. TMA			
12. DDM			
13. TGA			
14. DSC			
15. TMA			
16. DDM			
17. TGA			
18. DSC			
19. TMA			
20. DDM			
21. TGA			
22. DSC			
23. TMA			
24. DDM			
25. TGA			
26. DSC			
27. TMA			
28. DDM			
29. TGA			
30. DSC			
31. TMA			
32. DDM			
33. TGA			
34. DSC			
35. TMA			
36. DDM			
37. TGA			
38. DSC			
39. TMA			
40. DDM			
41. TGA			
42. DSC			
43. TMA			
44. DDM			
45. TGA			
46. DSC			
47. TMA			
48. DDM			
49. TGA			
50. DSC			
51. TMA			
52. DDM			
53. TGA			
54. DSC			
55. TMA			
56. DDM			
57. TGA			
58. DSC			
59. TMA			
60. DDM			
61. TGA			
62. DSC			
63. TMA			
64. DDM			
65. TGA			
66. DSC			
67. TMA			
68. DDM			
69. TGA			
70. DSC			
71. TMA			
72. DDM			
73. TGA			
74. DSC			
75. TMA			
76. DDM			
77. TGA			
78. DSC			
79. TMA			
80. DDM			
81. TGA			
82. DSC			
83. TMA			
84. DDM			
85. TGA			
86. DSC			
87. TMA			
88. DDM			
89. TGA			
90. DSC			
91. TMA			
92. DDM			
93. TGA			
94. DSC			
95. TMA			
96. DDM			
97. TGA			
98. DSC			
99. TMA			
100. DDM			

~~TEMP~~ TEMP

70-10-11

TECHNICIAN: FES17 ASHWEE

3230m

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lib/cc.)
01	BLANK	1						
02	"	1						
03	DECON	3		3	0830 1800	570	1710	21928 200013
04	EVERT TO ROOF	3		3	0832 1802	570	1710	21928 200013
05	EAST SIDE OF ROOF	3		3	0834 1804	570	1710	21928 200013
06	WEST " "	3		3	0836 1806	570	1710	21928 200013
07	NORTH " "	3		3	0838 1808	570	1710	21928 200013
08	BLANK	1						

COMMENTS:

SAMPLE BY: Posit 90mEne DATE: 2-22-02

SIGNATURE:

RELEASED BY: FBI MEMPHIS DATE: 7-22-68

SIGNATURE: 

RECEIVED BY: E. S. Smith DATE: 7/23/60

SIGNATURE: [Signature] DATE: 10-00-00

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

ANALYSIS REPORT ASBESTOS IN AIR Transmission Electron Microscopy

CLIENT: WARREN & PANZER
PROJECT: Roof - 110 Fulton Street

Lab ID#	Client Sample ID#	Sample Location	Volume (liters)	Grid (Chambers)	Filter Area (mm ²)	Analytical Sensitivity (structure/cc mm)	Asbestos Structures (microns)	Detected	Structure Density (fibers/cc mm)	Structure Concentration (structure/cc mm)
02072001	03		170	5	385	0.0045	ND	0	0	0.0045
T -02	04									
T -03	05									
T -04	06									
T -05	07									
T -06										
T -07										
T -08										
T -09										
T -10										

Auto Analyzed: 0.05 mm'
Grid Opening Area: 0.000573-mm'
Date Collected: 7/23/02
Date Received: 7/24/02
Date Analyzed: 7/25/02
Date of Report: 7/25/02

Analyst: AB
Lab Director: George Kourkouras
Analysis performed according to AHERA Method (EPA 40 CFR Part 763 - Appendix A) Samples will be placed for ninety (90) days and then returned to the client upon request.
NYS-DOR ELAP#: 11273
NIST-NVCLAP #: 100047