



ATHENICA

ENVIRONMENTAL SERVICES INC.
Tel (718) 784-7490
Fax (718) 784-4085

CLIENT: Warren & Panzer Engineers, P. C.
LABORATORY ID #: T03-02-011
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012820

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DEP, 15 Park Row
DATE OF REPORT: 02/04/03
DATE OF ANALYSIS: 02/04/03
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ³)	AIR CONC. FOR STRUCT. 0.5µS<5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
01	T03-02-011-171	East side of roof	1740	4	0.0513	0.0043	<0.0043	<19.50	NA	NA	NA	NA
02	T03-02-011-172	East side of roof	1728	4	0.0513	0.0043	<0.0043	<19.50	NA	NA	NA	NA
03	T03-02-011-173	10 th floor east side	1700	4	0.0513	0.0044	<0.0044	<19.50	NA	NA	NA	NA
04	T03-02-011-174	10 th floor east side	1692	4	0.0513	0.0044	<0.0044	<19.50	NA	NA	NA	NA
05	T03-02-011-175	10 th floor east side	1688	4	0.0513	0.0044	<0.0044	<19.50	NA	NA	NA	NA

ANALYST
E. Stoukri

Em. Stoukri
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.
- 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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2228 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 _____

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

20.

W&P FILE #:

CLIENT: NYC - DEP

CONTACT: Mr. J. L. L. L.

PROJECT:

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

circle one 7400 AHERA EPA LEVEL II

LOCATION: 15th - 23rd Ave. N.

TECHNICIAN:

[illegible]

COMMENTS:

SAMPLE BY: J. Burges	DATE: 02-03
SIGNATURE: J. Burges	
RELEASED BY: J. Burges	DATE: 02-03
SIGNATURE: J. Burges	
RECEIVED BY: C. Dymally	DATE: 2/4/03
SIGNATURE: C. Dymally	

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 (718) 784-7490
Fax (718) 784-4085

CLIENT: Warren & Panzer Engineers, P. C.
LABORATORY ID #: T03-02-012
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm²): 0.012820

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

PROJECT: NYC DBP, 15 Park Row
DATE OF REPORT: 02/04/03
DATE OF ANALYSIS: 02/04/03
EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.5<S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T03-02-012-176	By decon	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
02	T03-02-012-177	IWA right side (roof)	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
03	T03-02-012-178	IWA middle side (roof)	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
04	T03-02-012-179	IWA 2 nd middle side (roof)	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
05	T03-02-012-180	IWA left side (roof)	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA

ANALYST
E. Sioukri

LABORATORY DIRECTOR
Spiro Dongais

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

 $24 \text{ hr}^+/\text{a}$

Fax (212) 922-0630

	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
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7	100	100	100	100
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76	100	100	100	100
77	100	100	100	100
78	100	100	100	100
79	100	100	100	

CLIENT: NYC DEP

W&P FILE #: 1079-01-02

PROJECT: CLEANLINE SA-13

LABORATORY: WCP

LOCATION: 15 PARKVIEW AVE

ANALYSIS METHOD:	PCM	TEM	TEM
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7/1 Monday 21 Nov

circle one IV 7400 (AHERA) EPA LEVEL II

TECHNICIAN: JPO

703-52.012

[illegible]

COMMENTS:

SAMPLE BY: <u>DIPLO</u>	<u>EL ENO</u>	DATE: <u>2-3-03</u>
SIGNATURE: <u>DIPLO</u>		
RELEASED BY: <u>DIPLO</u>	<u>EL ENO</u>	DATE: <u>2-3-03</u>
SIGNATURE: <u>DIPLO</u>		
RECEIVED BY: <u>G. DIMITRIADIS</u>		DATE: <u>2/4/03</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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T03-02-013

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 15 Park Row

DATE OF REPORT: 02/04/03

DATE OF ANALYSIS: 02/04/03

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.355-5µm	AIR CONC. FOR STRUCT. 5-10µm	ASBEST. TYPE CHrys.	AMPHIB. ASBEST. TYPE SPECIFY
01	T03-02-013-181	Inside the work area, south	1800	4	0.0513	0.0042	0.0042	19.50	<0.0042	0.0042	Chrys.	NA
02	T03-02-013-182	Inside the work area, east	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
03	T03-02-013-183	Inside the work area, west	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
04	T03-02-013-184	Inside the work area, center	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
05	T03-02-013-185	Inside the work area, north	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Spird Dongaris

LABORATORY DIRECTOR
Spird Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

	24 hr ⁺ /a	12 hr ⁺ /a	6 hr ⁺ /a	3 hr ⁺ /a	Immediate ⁺ /a
1	100	100	100	100	100
2	100	100	100	100	100
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66	100	100	100	100	100
67	100	100	100	1	

CLIENT:

PROJECT:

LOCATION:

22

Calc-108

LOCATION: 15 Park Row.

W&P FILE #: 1079 - 05 - 02

LABORATORY: 171122m1 CMA

ANALYSIS METHOD:	PCM	TEM	TEM

circle one ~~AHERA~~ EPA LEVEL II
7400

TECHNICIAN: Celestine

703.02.013

[illegible]

COMMENTS:

SAMPLE BY: Celestine Mmorki DATE: 02/03/03

SIGNATURE: *Samuel*

RELEASED BY: Catherine Nunnicks DATE: 03/03/03

SIGNATURE: Chen

RECEIVED BY: E. J. Jorgensen DATE: 2/4/03

SIGNATURE: Kim J. K. H.

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

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