

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7490

Fax. (718) 794-4085

CLIENT: Warren & Panzer Engineers, P. C.
 LABORATORY ID #: T03-01-003
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.B.
 AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 15 Park Row
 DATE OF REPORT: 01/09/03
 DATE OF ANALYSIS: 01/09/03
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struc./cm ³)	TOTAL ASBESTOS AIR CONC. (struc./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR 0.55<S<5µm	AIR CONC. FOR S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T03-01-003-011	IWA right side on 26 th floor	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA
02	T03-01-003-012	IWA middle on 26 th floor	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA
03	T03-01-003-013	IWA left side on 26 th floor	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA
04	T03-01-003-014	IWA right side on 10 th floor	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA
05	T03-01-003-015	IWA left side on 10 th floor	1560	4	0.0513	0.0048	<0.0048	<19.50	NA	NA	NA	NA

ANALYST
E. Sionkri

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.



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 794-7490

Fax. (718) 794-4885

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Wairren & Panzer Engineers, P. C.

LABORATORY ID #: T03-01-004

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 15 Park Row

DATE OF REPORT: 01/09/03

DATE OF ANALYSIS: 01/09/03

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struc./cm ³)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.558-5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T03-01-004-016	Decon, clean room.	1800	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
02	T03-01-004-017	South side Adj. street-28 th floor	1794	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
03	T03-01-004-018	South side Adj. street 28 th floor	1794	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
04	T03-01-004-019	East side 27 th court yard side	1794	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA
05	T03-01-004-020	East side 27 th court yard side	1794	4	0.0513	0.0042	<0.0042	<19.50	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

Sp. Dongaris

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.
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

PAGE ____ OF ____

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

P.O. _____

CLIENT: NYC DEP -

PROJECT: Bore & Falgout

LOCATION: 15 Park Row

W&P FILE #: 1079 02 04

LABORATORY: ATHERICA

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

TECHNICIAN: J. B. Myers

CONTACT: m. Vala

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
01	DRAIN - General	3	1	5	5	08:00	14:00	3600	1600	
02	SOUTH SIDE - add ST - 2600	3	1	5	5	08:05	14:03	3580.8	1794	
03	SOUTH SIDE - add ST - 2600	3	1	5	5	08:06	14:04	3580.8	1794	
04	DRY SIDE - add ST - 2600	3	1	5	5	08:06	14:04	3580.8	1794	
05	DRY SIDE - add ST - 2600	3	1	5	5	08:07	14:07	3580.8	1794	
06	FIELD BLANK	1	1	5	5	---	---	---	---	
07	FIELD BLANK	1	1	5	5	---	---	---	---	
08										
09										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										

COMMENTS:

703-04-004

SAMPLE BY: J. B. Myers	DATE: 01-08
SIGNATURE: J. B. Myers	
RELEASED BY: J. B. Myers	DATE: 01-08
SIGNATURE: J. B. Myers	
RECEIVED BY: E. S. Myers	DATE: 1/9/03
SIGNATURE: E. S. Myers	

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