

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY



ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 704-7400

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CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T03-01-005

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012820

PROJECT: NYC DEP, 15 Park Row

DATE OF REPORT: 01/10/03

DATE OF ANALYSIS: 01/10/03

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUCT. 0.55<5µm	AIR CONC. FOR STRUCT. ≥2.5µm	ASBEST. TYPE CHRYS.	AMP HB. ASBEST TYPE SPECIFY
01	T03-01-005-021	Personal decon	1650	4	0.0513	0.0046	<0.0046	<19.50	NA	NA	NA	NA
02	T03-01-005-022	South side court yard-Ann street	1650	4	0.0513	0.0046	<0.0046	<19.50	NA	NA	NA	NA
03	T03-01-005-023	South side court yard- Ann street	1650	4	0.0513	0.0046	<0.0046	<19.50	NA	NA	NA	NA
04	T03-01-005-024	East side court yard	1650	4	0.0513	0.0046	<0.0046	<19.50	NA	NA	NA	NA
05	T03-01-005-025	East side court yard	1650	4	0.0513	0.0046	<0.0046	<19.50	NA	NA	NA	NA

ANALYST

E. Sioukri

E. Sioukri

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.

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 DEP

W&P FILE #: 1079 01 02

PROJECT: Robert Kennedy

LABORATORY: AirNet Inc

LOCATION: 15th Ave

ANALYSIS METHOD: PCM
circle one

TEM
MHERA

CONTACT: Mike Miller

TECHNICIAN: Alexey

7400 EPA LEVEL II

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb/cc)
01	PERMITS DEPT.	3	1	5	5	06:00	1:30	3:30	16.50	
02	SOUTH SIDE CONSTRUCTION - N11 S1	3	1	5	5	06:02	1:32	3:30	16.50	
03	SOUTH SIDE CONSTRUCTION - N11 S1	3	1	5	5	06:03	1:33	3:30	16.50	
04	EAST SIDE CONSTRUCTION	3	1	5	5	06:05	1:35	3:30	16.50	
05	EAST SIDE CONSTRUCTION	3	1	5	5	06:06	1:36	3:30	16.50	
06	FIELD BLANK	1	1	1	1	1	1	1	1	
07	FIELD	1	1	1	1	1	1	1	1	

COMMENTS:

T03-01-005

SAMPLE BY: <u>Mike Miller</u>	DATE: 01-09-02
SIGNATURE: <u>[Signature]</u>	
RELEASED BY: <u>[Signature]</u>	DATE: 01-09-02
SIGNATURE: <u>[Signature]</u>	
RECEIVED BY: <u>A. CATTIGIA</u>	DATE: 1/10/02
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