


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-09-094

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013338

PROJECT: NYC DEP, 250 Broadway

DATE OF REPORT: 09/26/02

DATE OF ANALYSIS: 09/26/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (mm ²)	AIR CONC. FOR STRUCT. <0.0048	AIR CONC. FOR STRUCT. >0.0048	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-094-2541	Person. Decon.	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
02	T02-09-094-2542	Dock level - SW side.	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
03	T02-09-094-2543	Catwalk - for cool tower E side.	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
04	T02-09-094-2544	SE side cool tower catwalk.	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA
05	T02-09-094-2545	Catwalk - around cooling tower SE side.	1440	4	0.0554	0.0048	<0.0048	<18.07	NA	NA	NA	NA

 ANALYST
 E. Siontari

 LABORATORY DIRECTOR
 Spiro Donganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- All 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 asbestos 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 enforcement 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
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

P.O.

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

011

CLIENT: Dep

PROJECT: Trees Facade

LOCATION: 250 Broadway

W&P FILE #: 1075 03 01

LABORATORY: AHERA

ANALYSIS METHOD: PCM

circle one AHERA EPA LEVEL II

TECHNICIAN: J. B. ROSS

CONTACT: M. B. ROSS

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
01	Personal - Facade	3	1	4	4	7:15	13:15	3:00	1440	
02	Personal - Facade	3	1	4	4	7:16	13:16	3:00	1440	
03	Personal - Facade	3	1	4	4	7:17	13:17	3:00	1440	
04	SE Side - Facade	3	1	4	4	7:18	13:18	3:00	1440	
05	SE Side - Facade	3	1	4	4	7:19	13:19	3:00	1440	
06	SE Side - Facade	3	1	4	4	7:20	13:20	3:00	1440	
07	SE Side - Facade	3	1	4	4	7:21	13:21	3:00	1440	

COMMENTS:

702-09-094

SAMPLE BY: John Panzer	DATE: 09/25
SIGNATURE: John Panzer	
RELEASED BY: John Panzer	DATE: 09/25
SIGNATURE: John Panzer	
RECEIVED BY: John Panzer	DATE: 9/26/02
SIGNATURE: John Panzer	

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