


ATHENICA

ENVIRONMENTAL SERVICES INC.

 Tel. (718) 784-7480
 Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Puzar Engineers, P.C.

LABORATORY ID #: T02-11-100

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.D. AREA (mm²): 0.013433

PROJECT: NYC DEP, 80 Maiden Lane

DATE OF REPORT: 11/22/02

DATE OF ANALYSIS: 11/22/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAR ID #	LOCATION	VOLUME (ft ³)	G.D.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detection/cm ²)	TOTAL ASBESTOS AIR CONC. (average/cm ³)	TOTAL ASBESTOS FILTER CONC. (average/cm ³)	AIR CONC. FOR STRUCT. 0.5-5.0µm	AIR CONC. FOR STRUCT. ≥25.0µm	ASBEST. TYPE CHRVS.	ASBEST. TYPE SPECIFY
01	T02-11-100-4211	By the decon	1620	4	0.0537	0.0044	<0.0044	<18.61	NA	NA	NA	NA
02	T02-11-100-4212	Inside work area south	1620	4	0.0537	0.0044	<0.0044	<18.61	NA	NA	NA	NA
03	T02-11-100-4213	Inside work area east	1620	4	0.0537	0.0044	<0.0044	<18.61	NA	NA	NA	NA
04	T02-11-100-4214	Inside work area west	1620	4	0.0537	0.0044	<0.0044	<18.61	NA	NA	NA	NA
05	T02-11-100-4215	Inside work area north	1620	4	0.0537	0.0044	<0.0044	<18.61	NA	NA	NA	NA

E. Siachin

 ANALYST
 E. Siachin

Sam Douglas

 LABORATORY DIRECTOR
 Sam Douglas

LABORATORY CERTIFICATION NUMBERS: NVLAP 101998, ELAP 10955

- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling exercises 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 fibers 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.
AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr⁺/a

CLIENT: NY DEP
PROJECT: Facade
LOCATION: 80 Maiden Lane.

W&P FILE #: 1679:OT:02
LABORATORY: AT-GENICA
ANALYSIS METHOD: PCM

ANALYSIS METHOD: PCM
circle one

TECHNICIAN: Cole, J. M. 11/10/19

Q. Q.

CONTACT: Mr. Mike Nelson.

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SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (#lb./cc.)
				START	STOP	ON	OFF			
01	by the Decm.	3		06	06	0745	1215	270	1620	
02	Inside work area South	3		06	06	0747	1217	270	1620	
03	Inside work area East	3		06	06	0749	1219	270	1620	
04	Inside work area West	3		06	06	0751	1221	270	1620	
05	Inside work area North	3		06	06	0753	1223	270	1620	
06	Field Blank	1								
07	Field Blank	1								
08	Capped Blank	1								

COMMENTS:

702-11-100

SAMPLE BY: Celestine Nnamara	DATE: 11/21/02
SIGNATURE: <i>C. Nnamara</i>	
RELEASED BY: Celestine Nnamara	DATE: 11/21/02
SIGNATURE: <i>C. Nnamara</i>	
RECEIVED BY: A. S. G. G. G.	DATE: 11/22/02
SIGNATURE: <i>A. S. G. G. G.</i>	

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION