NYC-WTC_000109824

NYC 9/11 Public Portal Document

08/21/2002 20:10 FAX 718 784 4085

ATHENICA
ENVIRONMENTAL SERVICES INC.
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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-08-110
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.012422

PROJECT: NYC DEP, 30 W Broadway
DATE OF REPORT: 08/21/02
DATE OF ANALYSIS: 08/21/02
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANAL YZED	AREA ANALY ZED (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. 0.5≤S<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
001A	T02-08-110-1772	Entrance to personal decon	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
002A	T02-08-110-1773	North west side of Building ground level	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
003A	T02-08-110-1774	North west side of ground level	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
004A	T02-08-110-1775	North side – ground level	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
005A	T02-08-110-1776	North side-ground level	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA

E. Sioukri

ANALYST
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.

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NYC-WTC_000109825

229 East 46th 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 12 hr+/a 6 hr+/a 3 hr+/a Immediate +/a

P.O. _____

CLIENT: NYC-DEP
PROJECT: Window Cleaning
LOCATION: 30 W. Broadway

W&P FILE #: 1679.01.02
LABORATORY: ATC
ANALYSIS METHOD: PCM 7400 / TEM AHERA / TEM EPA LEVEL II (circle one)
TECHNICIAN: N. Wells

CONTACT: Mike Nol

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (fib./cc.)
001A	Entrance to personal decon	3		4	4	08:00	15:00	420	1680	
002A	N/w side of bldg - Grd Lvl	3		4	4	08:01	15:01	420	1680	
003A	N/w side - Grand Lvl	3		4	4	08:02	15:02	420	1680	
004A	N/w side - Grd Lvl	3		4	4	08:03	15:03	420	1680	
005A	N/w side - Grand Lvl	3		4	4	08:04	15:04	420	1680	
		3								
006	Field	1								
007	Field	1								
008	Sealed	1								

COMMENTS: Uniform - NYC
T02-08-110

SAMPLE BY: Nora Wells DATE: 8/19
SIGNATURE: Nora Wells

RELEASED BY: _____ DATE: _____
SIGNATURE: _____

RECEIVED BY: _____ DATE: _____
SIGNATURE: _____

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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