NYC-WTC_000127601

NYC 9/11 Public Portal Document

10/29/2002 13:22 FAX

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

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-152
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.013838

PROJECT: NYC DEP, 94 Fulton Street
DATE OF REPORT: 10/23/02
DATE OF ANALYSIS: 10/32/02
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^3)	TOTAL ASBESTOS AIR CONC. (struc./cm^3)	TOTAL ASBESTOS FILTER CONC. (str./mm^2)	AIR CONC. FOR STRUCT. 0.5≤8<5µm	AIR CONC. FOR STRUCT. S≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB ASBEST TYPE SPECIFY
01	T02-10-152-3463	By the entrance	1500	4	0.0554	0.0046	<0.0046	<18.07	NA	NA	NA	NA
02	T02-10-152-3464	Inside work area south	1500	4	0.0554	0.0046	0.0093	36.13	0.0046	0.0046	Chrys.	NA
03	T02-10-152-3465	Inside work area east	1500	4	0.0554	0.0046	0.0046	18.07	<0.0046	0.0046	Chrys.	NA
04	T02-10-152-3466	Inside work area west	1500	4	0.0554	0.0046	0.0139	54.20	0.0046	0.0093	Chrys.	NA
05	T02-10-152-3467	Inside work area north	1500	4	0.0554	0.0046	0.0046	18.07	<0.0046	0.0046	Chrys.	NA

ANALYST
E. Dimitrakas

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_000127602

226 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

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

P.O. _____

W&P FILE #: 1079:01:02

CONTACT: Mr Mike Nolan

CLIENT: NY DEP

LABORATORY: ATHENICA

PROJECT: Roof Cleaning

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

LOCATION: 94 Fulton Street

TECHNICIAN: Celestine Nmorca

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (fib./cc.)
01	By the Entrance	3		05	05	1030	1530	300	1500	
02	Inside work area South	3		05	05	1032	1532	300	1500	
03	Inside work area East	3		05	05	1034	1534	300	1500	
04	Inside work area West	3		05	05	1036	1536	300	1500	
05	Inside work area North	3		05	05	1038	1538	300	1500	
06	Field Blank	1								
07	Field Blank	1								
08	Capped Blank	1								

COMMENTS:

TO2-10-152

SAMPLE BY: Celestine Nmorca DATE: 10/22/02

SIGNATURE: C Nmorca

RELEASED BY: Celestine Nmorca DATE: 10/23/02

SIGNATURE: C Nmorca

RECEIVED BY: Alex Cajigal DATE: 10/23/02

SIGNATURE: Alex Cajigal

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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