NYC-WTC_000102105

NYC 9/11 Public Portal Document

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

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-137
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.013838

PROJECT: NYC DEP, 21-23 Maiden Lane
DATE OF REPORT: 10/21/02
DATE OF ANALYSIS: 10/21/02
EFFECTIVE FILTER AREA (mm^2): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (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≤l<5µm	AIR CONC. FOR STRUCT. l≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST TYPE SPECIFY
01	T02-10-137-3379	By entrance	1575	4	0.0554	0.0044	0.0088	36.13	0.0044	0.0044	Chrys.	NA
02	T02-10-137-3380	Inside work area south	1575	4	0.0554	0.0044	<0.0044	<18.07	NA	NA	NA	NA
03	T02-10-137-3381	Inside work area east	1575	4	0.0554	0.0044	0.0044	18.07	0.0044	<0.0044	Chrys.	NA
04	T02-10-137-3382	Inside work area west	1575	4	0.0554	0.0044	0.0132	54.20	0.0044	0.0088	Chrys.	NA
05	T02-10-137-3383	Inside work area north	1575	4	0.0554	0.0044	<0.0044	<18.07	NA	NA	NA	NA

ANALYST
B. 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 free 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 an event exceed the amount of the invoice.

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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

24 hr+/a (circled) 12 hr+/a 6 hr+/a 3 hr+/a Immediate +/a

P.O. _____

CLIENT: NY DEP
PROJECT: Roof cleaning.
LOCATION: 21-23 Maiden Lane.

W&P FILE #: 1079.01: 02
LABORATORY: ATHENICA.
ANALYSIS METHOD: PCM / TEM (circled) / TEM — circle one: 7400 / AHERA / EPA LEVEL II
TECHNICIAN: Celestine Nmoiga.

CONTACT: Mr. Mike Nolan

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 Entrance	3		07	07	0930	1315	225	1575	
02	Inside work area South	3		07	07	0932	1317	225	1575	
03	Inside work area East	3		07	07	0934	1319	225	1575	
04	Inside work area West	3		07	07	0936	1321	225	1575	
05	Inside work area North.	3		07	07	0938	1323	225	1575	
06	Field Blank	1								
07	Field Blank	1								
08	Capped Blank	1								

COMMENTS:

T02-10-137

SAMPLE BY: Celestine Nmoiga DATE: 10/2/02
SIGNATURE: _____
RELEASED BY: Celestine Nmoiga DATE: 10/2/02
SIGNATURE: _____
RECEIVED BY: A. CATUGAL DATE: 10/2/02
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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10/23/2002 15:24 FAX 025