NYC-WTC_000118794

NYC 9/11 Public Portal Document

10/21/2002 08:47 FAX

ATHENICA
ENVIRONMENTAL SERVICES INC.
Tel. (718) 784-7490
Fax. (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.
LABORATORY ID #: T02-10-110
ANALYT. METHODOLOGY: AHERA
FILTER TYPE: M.C.E.
AVERAGE G.O. AREA (mm^2): 0.013838

PROJECT: NYC DEP, 170 Williams Street
DATE OF REPORT: 10/18/02
DATE OF ANALYSIS: 10/18/02
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^2)	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	T02-10-110-3236	IWA right side of WA	1755	4	0.0554	0.0040	<0.0040	<18.07	NA	NA	NA	NA
02	T02-10-110-3237	IWA 1st middle of WA	1755	4	0.0554	0.0040	<0.0040	<18.07	NA	NA	NA	NA
03	T02-10-110-3238	IWA 2nd middle of WA	1755	4	0.0554	0.0040	<0.0040	<18.07	NA	NA	NA	NA
04	T02-10-110-3239	IWA 3rd middle of WA	1755	4	0.0554	0.0040	<0.0040	<18.07	NA	NA	NA	NA
05	T02-10-110-3240	IWA left side of WA	1755	4	0.0554	0.0040	<0.0040	<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 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.

011

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

PAGE 1 OF 1

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

P.O. _____

CLIENT: NYC DEP
PROJECT: CLEANING
LOCATION: 170 Williams ST NYC

W&P FILE #: 1079-01-02
LABORATORY: WKP
ANALYSIS METHOD: PCM 7400 TEM AHERA TEM EPA LEVEL II (circle one)
TECHNICIAN: DIPO ELEMO

CONTACT:

T02-10-110

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (Mb./cc.)
01	IWA rightside of WA	3		05	04	0800	1430	390	1755	
02	– 1st middle – –	3		05	04	0801	1431	390	1755	
03	– 2ND middle – –	3		05	04	0802	1432	390	1755	
04	– 3RD middle – –	3		05	04	0803	1433	390	1755	
05	IWA leftside of WA	3		05	04	0805	1435	390	1755	
06	field blank	1		—	—	—	NA	—	—	
07	– –	1		—	—	—	NA	—	—	
08	Sealed blank	1		—	—	—	NA	—	—	

COMMENTS: Start flowrate = 05
Stop flowrate = 04
All — $\frac{05+04}{2}$ = 4.5 final f/rate

SAMPLE BY: Dipo ELEMO DATE: 10/17/02
SIGNATURE: Dipoe
RELEASED BY: Dipo ELEMO DATE: 10/17/02
SIGNATURE: Dipoe
RECEIVED BY: A. CARGAL DATE: 10/18/02
SIGNATURE: [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

010