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ES 008

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**ATHENICA**

ENVIRONMENTAL SERVICES INC.

TEL (718) 784-7498

FAX (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-118

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DEP, 80 Maiden Lane

DATE OF REPORT: 11/29/02

DATE OF ANALYSIS: 11/29/02

EFFECTIVE FILTER AREA (mm²): 385**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (air/cc-ft ³)	TOTAL ASBESTOS AIR CONC. (air/cc-ft ³)	TOTAL ASBESTOS FILTER CONC. (air/cc-ft ³)	AIR CONC. FOR STRUCT. 0.558-3µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-11-118-4304	By the deck	1680	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA
02	T02-11-118-4305	Inside work area south	1680	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA
03	T02-11-118-4306	Inside work area east	1680	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA
04	T02-11-118-4307	Inside work area west	1680	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA
05	T02-11-118-4308	Inside work area north	1680	4	0.0537	0.0043	<0.0043	<18.61	NA	NA	NA	NA

ANALYST
R. Shoukri

LABORATORY DIRECTOR
Spiro Dougaris**LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955**

- Athena 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 be used to determine 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 Athena Environmental Services Inc. with respect to the services charged, shall in no event exceed the amount of the invoice.
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WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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

24 hr⁺/a

CONTACT: Mr. Mike Nolan

W&P FILE #: 1079-02102

LABORATORY: ACHERON

ANALYSIS METHOD: PCM 7400 TEM AHERN EPA LEVEL II

TECHNICIAN: Celestine Njorke

CLIENT: NY DEP

PROJECT: Facades

LOCATION: 80 Maiden Lane

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
01	by the facade	3		08	08	0930	1300	210	1680	
02	inside work area South	3		08	08	0932	1302	210	1680	
03	inside work area East	3		08	08	0934	1304	210	1680	
04	inside work area West	3		08	08	0936	1306	210	1680	
05	inside work area North	3		08	08	0938	1308	210	1680	
06	Field Blank	1								
07	Field Blank	1								
08	Capped Blank	1								

COMMENTS:

SAMPLE BY: Celestine Njorke DATE: 11/22/02

SIGNATURE: *Celestine Njorke*

RELEASED BY: Celestine Njorke DATE: 11/22/02

SIGNATURE: *Celestine Njorke*

RECEIVED BY: ACADIGAL DATE: 11/22/02

SIGNATURE: *ACADIGAL*

T02-11-118

SAMPLE TYPE CODES			
10 - 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