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BANIM LABORATORY UNIT

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warrick & Penner Engineers, P.C.

PROJECT: NYC DEP, 50 Broad Street

LABORATORY ID #: T02-10-077

DATE OF REPORT: 10/13/02

ANALYTE: METHODOLOGY: AHERA

DATE OF ANALYSIS: 10/13/02

FILTER TYPE: M.C.B.

EFFECTIVE FILTER AREA (mm²): 365AVERAGE G.O. AREA (mm²): 0.013838

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (L)	G.O. ANALYSIS	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (attogram/cm ²)	TOTAL ASBESTOS AIR CONC. (femtogram)	TOTAL ASBESTOS FILTER CONC. (µg/cm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5.5-10µm	ASBEST. TYPE CHYVS.	ASBEST. TYPE SPECIFY
01	T02-10-077-3071	Inside the court yard (east)	1350	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
02	T02-10-077-3072	Inside the court yard (west)	1345	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
03	T02-10-077-3073	2 nd floor near the entrance to W/A	1350	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA
04	T02-10-077-3074	2 nd floor north side	1800	5	0.0692	0.0031	0.0041	14.45	<0.0031	0.0031	Chrys.	NA
05	T02-10-077-3075	Remote deck	1350	5	0.0692	0.0041	<0.0041	<14.45	NA	NA	NA	NA

E. Simola

ANALYST
E. Simola

S. Douglas

LABORATORY DIRECTOR
Spire Douglas

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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BANK LABORATORY UNIT

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228 East 43rd Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0030

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

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P.O.

W&P FILE #:

CLIENT: DEP

CONTACT:

LABORATORY:

PROJECT: 50 Broad St.

ANALYSIS METHOD: PCM

TEM

cycle one

EPA LEVEL II

LOCATION: Canal Yard Lot 4 and 415

TECHNICIAN: Mohamed

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
						ON	OFF			
01	inside the Court Yard (east)	3		5	5	1120	1550	270	1350	
02	inside the Court Yard (west)	3		5	15	1122	1551	269	1345	
03	2nd floor near the entrance to 10/a	3		5	15	1125	1555	270	1350	
04	2nd floor @ north side	3		10	10	1126	1426	180	1800	
05	remote clean	3		5	5	1129	1559	270	1350	
06	P.B.	1		—	—	—	—	—	—	

COMMENTS:

SAMPLE BY: MOHAMED Mohamed	DATE: 10-12
SIGNATURE: _____	5 PM
RELEASED BY: _____	DATE: _____
SIGNATURE: _____	DATE: 10/12/02
RECEIVED BY: A. C. G. G. G.	DATE: 10/12/02
SIGNATURE: A. C. G. G. G.	

To 2-10-077

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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