


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490

Fax. (718) 784-4083

CLIENT: Waiter & Panzer Engineers, P. C.

LABORATORY ID #: T02-08-018

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 50 Broadway

DATE OF REPORT: 08/05/02

DATE OF ANALYSIS: 08/04/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (gr/ft ² /cm ²)	TOTAL ASBESTOS AIR CONC. (gr/ft ² /cm ²)	TOTAL ASBESTOS FILTER CONC. (gr/ft ² /cm ²)	AIR CONC. FOR 0.5-5- μ m	AIR CONC. FOR STRUCT. 5-25- μ m	ASBEST. TYPE CHRYS.	ASBEST. TYPE SPECIFY
01	T02-08-018-1288	On east end of roof, left side	1260	5	0.0621	0.0049	<0.0049	<16.10	NA	NA	NA	NA
02	T02-08-018-1289	On east side of roof right side	1260	5	0.0621	0.0049	<0.0049	<16.10	NA	NA	NA	NA
03	T02-08-018-1290	At center of roof	1260	5	0.0621	0.0049	<0.0049	<16.10	NA	NA	NA	NA
04	T02-08-018-1291	On west end of roof left side	516	13	0.1615	0.0046	<0.0046	<6.19	NA	NA	NA	NA
05	T02-08-018-1292	On west end of roof right side	1260	5	0.0621	0.0049	<0.0049	<16.10	NA	NA	NA	NA
06	T02-08-018-1293	Near entrance to roof	1000	7	0.0870	0.0044	<0.0044	<11.50	NA	NA	NA	NA

 ANALYST
E. Sioukri

 ANALYST
E. Sioukri

 LABORATORY DIRECTOR
Spiro Domingas

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- Athenica Environmental Services Inc. (AES), is responsible only for information pertaining to samples taken by its employees.
- Air sampling activities 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.

223 East 45th Street
New York, NY 10017
(212) 922-0877
Fax (212) 922-0620

WARREN & PANZER ENGINEERS, P. C. **AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM**

PAGE 1 OF 1

P.O.

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

W&P FILE #:

CLIENT: NYC DEP

LABORATORY:

PROJECT: 50 Broadway Station NY

LOCATION: ACADE

ANALYSIS METHOD: PCM 7400
circle one

TEM
AHERA
EPA LEVEL II

TECHNICIAN: CHETRAM RAMAN

CONTACT:

702-08-018

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME CN	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
01	on east end of roof left side (35 th fl)	3		3	10:05	1705	420	1260	
02	on east end of roof right side (35 th fl)	3		3	10:06	1706	420	1260	
03	At Center of the roof (35 th fl)	3		3	10:07	1707	420	1260	
04	on west end of roof left side (35 th fl)	3		3	10:08	1300	172	516	
05	on west end of roof right side (35 th fl)	3		3	10:09	1709	420	1260	
06	near entrance to roof (FIELD)	3	4	4	13:00	1710	250	1080	
07	(FIELD)								
08	BLANK								

COMMENT: *As per DEP inspector (Blaug), technician who requested me to place one sample at entrance to roof as per specs, so he asked me to resample using sample #6

SAMPLE BY: Chetram Raman DATE: 08/03/02

SIGNATURE: Chetram Raman

RELEASED BY: Chetram Raman DATE: 08/03/02

SIGNATURE: Chetram Raman

RECEIVED BY: E.S. Iyer DATE: 8/4/02

SIGNATURE: E.S. Iyer

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