

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pauzer Engineers, P.C.
 LABORATORY ID #: T02-08-090
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 10 West Broadway
 DATE OF REPORT: 08/17/02
 DATE OF ANALYSIS: 08/17/02
 EFFECTIVE FILTER AREA (mm²): 385

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7480
 Fax. (718) 784-4085

LABORATORY RESULTS

CLIENT #	L.A.B. ID #	LOCATION	VOLUME (ft ³)	G.O. ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (1/ft ² x 10 ³)	TOTAL ASBESTOS AIR CONC. (1/ft ² x 10 ³)	TOTAL ASBESTOS FILTER CONC. (1/ft ² x 10 ³)	AIR CONC. FOR 0.55-5µm STRUCT.	AIR CONC. FOR 5-10µm STRUCT.	ASBEST. TYPE CHRYS.	ASBEST. TYPE SPECIFY
001A	T02-08-090-1652	Entrance to personnel decon	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
002A	T02-08-090-1653	Center of area on balcony	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
003A	T02-08-090-1654	NW area on ground level	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
004A	T02-08-090-1655	North area center on ground level	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA
005A	T02-08-090-1656	N/E area on ground level	1680	4	0.0497	0.0046	<0.0046	<20.13	NA	NA	NA	NA

ANALYST
 E. Sioukri

LABORATORY DIRECTOR
 Spino Donaganis

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

- 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.

08/19/2002 18:32 FAX 716 784 4088

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228 East 45th Street
New York, NY 10017
(212) 922-8077
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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P.O.

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

CLIENT: NYC-DEPW&P FILE #: 107941.02LABORATORY: NYCANALYSIS METHOD: PCM TEM TEM

circle one 7400 ASHBA EPA LEVEL II

TECHNICIAN: N. WebbPROJECT: ChambersLOCATION: 30 W. 23rd StCONTACT: Mike Nolan

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (fib./cc.)
001A	Entrance to firehouse	3		4	07:30	14:30	420	1680	
002A	Entrance to firehouse	3		4	07:31	14:31	420	1680	
003A	Entrance to firehouse	3		4	07:32	14:32	420	1680	
004A	Entrance to firehouse	3		4	07:33	14:33	420	1680	
005A	Entrance to firehouse	3		4	07:34	14:34	420	1680	
006	Field	1							
007	Field	1							
008	Sealed	1							

COMMENTS:

SAMPLE BY: <u>N. Webb</u>	DATE: <u>8/19</u>
SIGNATURE: <u>N. Webb</u>	DATE: <u>8/19/02</u>
RELEASED BY: <u>A. C. G. G.</u>	DATE: <u>8/19/02</u>
SIGNATURE: <u>A. C. G. G.</u>	DATE: <u>8/19/02</u>
RECEIVED BY: <u>A. C. G. G.</u>	DATE: <u>8/19/02</u>
SIGNATURE: <u>A. C. G. G.</u>	DATE: <u>8/19/02</u>

T02-08-090

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