

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

PROJECT: NYC DEP, 211/2132/15 Pearl St.

LABORATORY ID #: T02-09-052

DATE OF REPORT: 09/15/02

ANALYT. METHODOLOGY: AHERA

DATE OF ANALYSIS: 09/15/02

FILTER TYPE: M.C.E.

EFFECTIVE FILTER AREA (mm²): 385AVERAGE G.O. AREA (mm²): 0.013771**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (direct/cm ²)	TOTAL ASBESTOS AIR CONC. (fibers/cm ³)	TOTAL ASBESTOS FILTER CONC. (air/cm ²)	AIR CONC. FOR STRUCT. 0.5-5.0µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHYS.	AMPHIB. ASBEST. TYPE SPECIFY
JB9 01	T02-09-052-2327	By decon	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
JB9 02	T02-09-052-2328	On roof 215 Pearl Left	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
JB9 03	T02-09-052-2329	On roof 215 Pearl Left middle	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
JB9 04	T02-09-052-2330	On roof 215 Pearl Right middle	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA
JB9 05	T02-09-052-2331	On roof 215 Pearl Right	1800	4	0.0551	0.0039	<0.0039	<18.15	NA	NA	NA	NA

ANALYST
E. Sioulki

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 concentrations 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 those 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.

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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09/16/2002 16:47 FAX 718 784 4065

019

CLIENT: NYC DEP
PROJECT: 24/213/215 Pearls
LOCATION: 5th Avenue
W&P FILE #: 1074.01.02
LABORATORY: WKO
ANALYSIS METHOD: PCM TEM
circle one 7400 AHERA EPA LEVEL II
TECHNICIAN: John Boyce
CONTACT: Mike Nalar

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb/100)
J09 01	by Dec on	3		4	4	1900	1930	450	1800	
J09 02	on roof 295 Pond	3		4	4	1902	1932	450	1810	
J09 03	111 Left	3		4	4	1904	1934	450	1800	
J09 04	111 Right	3		4	4	1906	1936	450	1800	
J09 05	111 Right	3		4	4	1908	1938	450	1800	
J09 06	Field Blank	1				0	0	0	0	
J09 07	111	1				0	0	0	0	
J09 08	Sealed Blank	1				0	0	0	0	

COMMENTS:

SAMPLE BY: John Boyce DATE: 9/14/02
SIGNATURE: [Signature]
RELEASED BY: John Boyce DATE: 9/14/02
SIGNATURE: [Signature]
RECEIVED BY: A. C. [Signature] DATE: 9/14/02
SIGNATURE: [Signature]

102-09-052

SAMPLE TYPE CODES			
1 - Blank	2 - Pre-Abatement	3 - During Abatement	4 - During Glove Bag Removal
5 - Final Clearance (inside)	6 - Final Clearance (outside)	7 - Personal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION