

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7449

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CLIENT: Warren & Panzer Engineers, P. C.

LABORATORY ID #: T02-08-015

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 50 Broad Street

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. SENSITIVITY (attogram/cm ³)	TOTAL ASBESTOS AIR CONC. (attogram/cm ³)	TOTAL ASBESTOS FILTER CONC. (attogram/mm ²)	AIR CONC. FOR STRUCT. 0.55 ≤ 5µm	AIR CONC. FOR STRUCT. S > 5.0µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
DE01	T02-08-015-1273	By decon	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE02	T02-08-015-1274	OWA Right side	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE03	T02-08-015-1275	OWA Left side	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE04	T02-08-015-1276	On roof right side (22Fl)	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA
DE05	T02-08-015-1277	On roof left side (22Fl)	1365	5	0.0621	0.0045	<0.0045	<16.10	NA	NA	NA	NA

ANALYST
F. Stonkri

LABORATORY DIRECTOR
Spiro Tronagaris**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 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.

228 East 43rd Street
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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.

CLIENT: NYC DEP
PROJECT: 50 BROAD ST
LOCATION: FACADE

W&P FILE #: 1079-01-02
LABORATORY: TEM
ANALYSIS METHOD: PCM 7400 TEM
circle one AHERA EPA LEVEL II
TECHNICIAN: DPO ELEMO

CONTACT: MICHAEL NOLAN

702-08-015

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOW RATE START	FLOW RATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (fib/cc)
DE01	By DeLoe Dean	3		04	09	1200	1530	210	1365	
DE02	OWA Right side	3		04	09	1201	1531	210	1365	
DE03	Left side	3		04	09	1202	1532	210	1365	
DE04	On Roof Right side (22ft)	3		04	09	1203	1533	210	1365	
DE05	On Roof Left side (22ft)	3		04	09	1205	1535	210	1365	
DE06	field Blank	1		—	—	—	—	—	—	
DE07	—	1		—	—	—	—	—	—	
DE08	Sealed Blank	1		—	—	—	—	—	—	

SAMPLE BY: DPO ELEMO DATE: 8/3/02
SIGNATURE: DPO
RELEASED BY: DPO ELEMO DATE: 8/3/02
SIGNATURE: DPO
RECEIVED BY: E. S. Smith DATE: 8/4/02
SIGNATURE: ES

Stop flow rate = 09
AV = 04 ± 9 6.5
Total flow rate = 6.5

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