


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7499

Fax. (718) 784-4085

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-104

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 18 John Street

DATE OF REPORT: 10/16/02

DATE OF ANALYSIS: 10/16/02

 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (struc./cm ²)	TOTAL ASBESTOS AIR CONC. (struc./cm ²)	TOTAL ASBESTOS FILTER CONC. (struc./mm ²)	AIR CONC. FOR STRUCT. 0.5-8.0µm	AIR CONC. FOR STRUCT. 8.25-10µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01TWA	T02-10-104-3206	TWA bottom of WA center of WA	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
02TWA	T02-10-104-3207	TWA bottom of WA north section of WA	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
03TWA	T02-10-104-3208	TWA bottom of WA west section of WA	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
04TWA	T02-10-104-3209	TWA bottom of WA south west section of WA	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
05OWA	T02-10-104-3210	OWA on stairwell leading to bottom of WA. 9ft. of door entrance	1305	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA

E. Dimitrakas

Spiro Doungaris

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 cassette 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 asbestos 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 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630**

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

CLIENT: NYC, D.E.P.

PROJECT: DEP Sampling. 2nd Hole Closures

LOCATION: 18 John St. NY. NY.

2nd Floor - Work Area

W&P FILE #: 1079. 01. 02

LABORATORY: Warren and Porter.

ANALYSIS METHOD: PCM

circle one **7400** **AHERA EP**
TECHNICIAN: *Yip* *Boyle*

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CONTACT: Mr. M. Molan.

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SAMPLE NUMBER	SAMPLE DESCRIPTION LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	TIME ON OFF	TOTAL TIME	VOLUME (liters)	CONCENTR (lb./cc.)
1 IWA.	Bottom of IWA. Center of W.A.	3		3.0 3.0	10:15 17:30	435	1305	
2 IWA.	Bottom of IWA. North Section of W.A.	3		3.0 3.0	10:17 17:32	435	1305	
3 IWA.	Bottom of IWA. West Section of W.A.	3		3.0 3.0	10:19 17:34	435	1305	
4 IWA.	Bottom of IWA. South West Section of W.A.	3		3.0 3.0	10:21 17:36	435	1305	
5 OWA.	new Shallowest leading to bottom of W.A.	3		3.0 3.0	10:23 17:38	435	1305	
6 —	Field Blank —	1						
7 —	Field Blank —	1						
8 —	S. Blank —	1						

COMMENTS:

DATE: 10-15-02.

SAMPLE BY: YUKI, Beat: N.

SIGNATURE: Yusuf Boda

10-12-01

RELEASED BY: Yukal Bedim

DATE: 10/13/02.

SIGNATURE: *[Signature]*

100-14:00

RECEIVED BY: A. C. T. G. / 10/1/68

DATE: 10/16/02

SIGNATURE: ASUJAL

TO2-10-104

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 ANALYSTS INFORMATION