

**ATHENICA**
 ENVIRONMENTAL SERVICES INC.
 Tel. (718) 764-7900
 Fax. (718) 764-4885

 CLIENT: Warren & Pauer Engineers, P.C.
 LABORATORY ID #: T02-11-041

 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.013433

 PROJECT: NYC DEP, 17 Battery Place
 DATE OF REPORT: 11/08/02
 DATE OF ANALYSIS: 11/08/02
 EFFECTIVE FILTER AREA (mm²): 385

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

LABORATORY RESULTS

CLIENT #	LAB ID #	LOCATION	VOLUME (m)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (micro/cm ²)	TOTAL ASBESTOS AIR CONC. (micro/cm ³)	TOTAL ASBESTOS FILTER CONC. (micro/cm ²)	AIR CONC. FOR DIRECT. 0.55-5.0um	AIR CONC. FOR DIRECT. 5.0-9.0um	ASBEST. TYPE CHRYS	ANALYT. TYPE SPECIF.
01TWA	T02-11-041-3911	Bottom of W.A. Center of W.A.	1350	5	0.0672	0.0042	0.0042	14.89	0.0042	<0.0042	Chrys	NA
02TWA	T02-11-041-3912	Bottom of W.A. South section of W.A.	1350	5	0.0672	0.0042	<0.0042	<14.89	NA	NA	NA	NA
03TWA	T02-11-041-3913	Bottom of W.A. West section of W.A.	1350	5	0.0672	0.0042	<0.0042	<14.89	NA	NA	NA	NA
04TWA	T02-11-041-3914	Bottom of W.A. North section of W.A.	1350	5	0.0672	0.0042	<0.0042	<14.89	NA	NA	NA	NA
050TWA	T02-11-041-3915	Inside clean room of Petr. Decon	1350	5	0.0672	0.0042	<0.0042	<14.89	NA	NA	NA	NA

ANALYST

E. Siorbki

LABORATORY DIRECTOR

Spirid Dougaris

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 equipment will be stored for thirty (30) 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 tests listed. 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) 822-0877
Fax (212) 822-0830

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 t/a

P.O.

PAGE 1 OF 1.

CLIENT: NYC D.E.P.

PROJECT: DEP Fibre Optic

LOCATION: 17 Battery Place, NY, NY

Facade - side elevation

W&P FILE #: 1079.01.02

LABORATORY: Warren and Panzer

ANALYSIS METHOD: PCM TEM TEM

circle one 7400 AMERB EPA LEVEL II

CONTACT: Mr. M. Nolan

TECHNICIAN: Yury Bedin

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (ftb/dec)
1 IWA	Bottom of W.A. Section of mid Acq. 3	3		3.0 3	7:55	15:25	450	1350	
2 IWA	Bottom of W.A. Section of mid Acq. 3	3		3.0 3	7:57	15:27	450	1350	
3 IWA	Bottom of W.A. Section of mid Acq. 3	3		3.0 3	7:59	15:29	450	1350	
4 IWA	Bottom of W.A. Section of mid Acq. 3	3		3.0 3	8:01	15:31	450	1350	
5 IWA	Inside Clearance of Br. Delta. 3	3		3.0 3	8:03	15:33	450	1350	
6 —	Field Blank —	1							
7 —	Field Blank —	1							
8 —	S. Blank —	1							

COMMENTS:

T02-11041

SAMPLE BY: Yury Bedin DATE: 11-7-02
SIGNATURE: Yury Bedin
RELEASED BY: Yury Bedin DATE: 11-7-02
SIGNATURE: Yury Bedin
RECEIVED BY: A. CATTALAN DATE: 11/8/02
SIGNATURE: A. Cattalan

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION