


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-09-071

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 63 Nassau St.

DATE OF REPORT: 09/21/02

DATE OF ANALYSIS: 09/21/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (struct./cm ³)	TOTAL ASBESTOS AIR CONC. (struct./cm ³)	TOTAL ASBESTOS FILTER CONC. (µg./mm ²)	AIR CONC. FOR STRUCT. 0.5µ-5µm	AIR CONC. FOR STRUCT. >5.0µm	ASBEST. TYPE (FIBERS)	AMPHIB. ASBEST. TYPE SPECIFY
1	T02-09-071-2425	Bottom of W/A Center of Work Area	1560	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA
2	T02-09-071-2426	Bottom of W/A East section of W/A	1560	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA
3	T02-09-071-2427	Bottom of W/A West section of W/A	1560	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA
4	T02-09-071-2428	Bottom of W/A SR of door entrance of restroom	1560	4	0.0554	0.0045	0.0090	36.14	0.0045	0.0045	Chrys.	NA
5	T02-09-071-2429	Within 2ft of door entrance of restroom	1560	4	0.0554	0.0045	<0.0045	<18.07	NA	NA	NA	NA

E. Sioukri

 ANALYST
 E. Sioukri

 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 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.

208 East 45th 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

W&P FILE #: 1079.01.02

P.O.

PAGE 1 OF 1.

CLIENT: **DEP**

PROJECT: **DEP - Sampling - Clean-up**

LABORATORY: **Warren and Panzer**

CONTACT: **Mr. M. Nolan**

LOCATION: **63 Nassau St., NY, NY**

ANALYSIS METHOD: **PCM**

circle one **7400** **AHEHA** **EPA LEVEL II**

TECHNICIAN: **Yury Bedin**

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
1	INVA Bottom of INVA. Center of Park Ave. 3	3		3.0	3.0	8:51	17:31	520	1560	
2	INVA Bottom of INVA. East Section of M.A. 3	3		3.0	3.0	8:53	17:33	520	1560	
3	INVA Bottom of INVA. West Section of M.A. 3	3		3.0	3.0	8:55	17:35	520	1560	
4	INVA Bottom of INVA. SE of Door Entry of M.A. 3	3		3.0	3.0	8:57	17:37	520	1560	
5	OWA With 12 Ft of Door Entrance of M.A. 3	3		3.0	3.0	8:59	17:39	520	1560	
6	Field Blank	1								
7	Field Blank	1								
8	Field Blank	1								

COMMENTS:

SAMPLE BY: Yury Bedin DATE: 9-20-02

SIGNATURE: Yury Bedin

RELEASED BY: Yury Bedin DATE: 9-20-02

SIGNATURE: Yury Bedin

RECEIVED BY: A. J. (GAL) DATE: 9/21/02

SIGNATURE: (Signature)

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