

34 Park Row


ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Pauter Engineers, P.C.
 LABORATORY ID #: T02-09-088
 ANALYT. METHODOLOGY: AHERA
 FILTER TYPE: M.C.E.
 AVERAGE G.O. AREA (mm²): 0.013838
 PROJECT: NYC DEP, 1 Beekman Street
 DATE OF REPORT: 09/25/02
 DATE OF ANALYSIS: 09/25/02
 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (atrac./cm ²)	TOTAL ASBESTOS AIR CONC. (atrac./cm ²)	TOTAL ASBESTOS FILTER CONC. (atrac./mm ²)	AIR CONC. FOR STRUCT. 0.355-0.5µm	AIR CONC. FOR STRUCT. 0.5-0.9µm	ASBEST. TYPE CHRYS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-09-088-2511	IWA on roof. Center of work area	1300	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
02	T02-09-088-2512	IWA on roof. East section of work area	1300	5	0.0692	0.0043	0.0086	28.90	0.0086	<0.0043	Chrys.	NA
03	T02-09-088-2513	IWA on roof. West section of work area	1300	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
04	T02-09-088-2514	IWA on roof. North section of work area	1300	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA
05	T02-09-088-2515	OWA within 2ft on stairwell of door entrance of roof	1300	5	0.0692	0.0043	<0.0043	<14.45	NA	NA	NA	NA

E. Siadaty

 ANALYST
 E. Siadaty

 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.
- This 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.
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228 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

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P.O.

DEP.

W&P FILE #: 1079.01.02

LABORATORY: Warren and Panzer

PROJECT: DEP-Sampling Cleaning Analysis METHOD: PCM TEM TEM

LOCATION: 1 Beekman St. City of N.Y. Dept. 7400 AHERA EPA LEVEL II

TECHNICIAN: Yuriy Bedin

CONTACT: Mr. M. Nolan

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (fib./cc.)
1 IWA	on Roof Center of Front Area	3		10.0	10.0	16:45	18:55	130	1300	
2 IWA	on Roof East Section of W.A.	3		10.0	10.0	16:47	18:57	130	1300	
3 IWA	on Roof West Section of W.A.	3		10.0	10.0	16:49	18:59	130	1300	
4 IWA	on Roof North Section of W.A.	3		10.0	10.0	16:51	19:01	130	1300	
5 OWA	Within 2nd Floor Door Entrance of Roof	3		10.0	10.0	16:53	19:03	130	1300	
6	Field Blank	1								
7	Field Blank	1								
8	S. Blank	1								

COMMENTS:

SAMPLE BY: Yuriy Bedin DATE: 9-24-02

SIGNATURE: Yuriy Bedin

RELEASED BY: Yuriy Bedin DATE: 9-24-02

SIGNATURE: Yuriy Bedin Released - 20:04 PM

RECEIVED BY: G. G. G. DATE: 9/25/02

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