



ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-10-065

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013838

PROJECT: NYC DEP, 170 Williams Street, NY

DATE OF REPORT: 10/11/02

DATE OF ANALYSIS: 10/11/02

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (M)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (fibers/cm ²)	TOTAL ASBESTOS AIR CONC. (fibers/cm ²)	TOTAL ASBESTOS FILTER CONC. (fibers/cm ²)	AIR CONC. FOR STRUCT. 0.5-5.0µm	AIR CONC. FOR STRUCT. 5-25.0µm	ASBEST. TYPE CHRVIS.	ASBEST. TYPE SPECIFY
01	T02-10-065-3013	IWA right side of WA	1575	4	0.0554	0.0044	<0.0044	<18.07	NA	NA	NA	NA
02	T02-10-065-3014	IWA 1 st middle of WA	1575	4	0.0554	0.0044	<0.0044	<18.07	NA	NA	NA	NA
03	T02-10-065-3015	IWA 2 nd middle of WA	1575	4	0.0554	0.0044	<0.0044	<18.07	NA	NA	NA	NA
04	T02-10-065-3016	IWA 3 rd middle of WA	1575	4	0.0554	0.0044	<0.0044	<18.07	NA	NA	NA	NA
05	T02-10-065-3017	IWA left side of WA	1575	4	0.0554	0.0044	<0.0044	<18.07	NA	NA	NA	NA

E. Sioukri

ANALYST
E. Sioukri

S. P. A. 10/11/02

LABORATORY DIRECTOR
Spiru 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.

220 East 45th Street
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WARREN & PANZER ENGINEERS, P. C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

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24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a P.O. _____

CLIENT: NYC DEP W&P FILE #: 1079-01-02 CONTACT: _____
PROJECT: CLEANING LABORATORY: W&P
LOCATION: 170 William St NYC ANALYSIS METHOD: PCM 7400 TEM YEM EPA LEVEL II circle one
TECHNICIAN: Dipo Gromo

T02-10-065

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lbs/cc)
01	Unit rig side of W&P	3		04	06	0945	1500	315	1575	
02	1st middle	3		04	06	0946	1501	315	1575	
03	2nd middle	3		04	06	0947	1502	315	1575	
04	3rd middle of W&P	3		04	06	0948	1503	315	1575	
05	Left side of W&P	3		04	06	0950	1504	315	1575	
06	field blank	1					NA			
07		1					NA			
08	Sealed blank	1					NA			

COMMENTS: Start flow rate 04
Stop flow rate 06
AV $\frac{4+6}{2} = 5$

SAMPLE BY: Dipo Gromo DATE: 10/10/02
SIGNATURE: Dipo
RELEASED BY: Dipo Gromo DATE: 10/10/02
SIGNATURE: Dipo
RECEIVED BY: A. C. G. 1641 DATE: 10/10/02
SIGNATURE: J. C. G. 1641

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

SEE REVERSE SIDE FOR ANALYSIS INSTRUCTIONS