


ATHENICA

ENVIRONMENTAL SERVICES INC.

Tel: (718) 784-7490

Fax: (718) 784-4085

AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-074

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

 AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 181 Broadway

DATE OF REPORT: 08/15/02

DATE OF ANALYSIS: 08/15/02

 EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (ft ³)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIV. (struck/cm ²)	TOTAL ASBESTOS AIR CONC. (struck/cm ²)	TOTAL ASBESTOS FILTER CONC. (str./mm ²)	AIR CONC. FOR STRUC. 0.5SS-5µm	AIR CONC. FOR STRUC. S-5.0µm	ASBEST. TYPE CHYRS.	AMPHIB. ASBEST. TYPE SPECIFY
01	T02-08-074-1569	By entrance	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA
02	T02-08-074-1570	Inside work area west	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA
03	T02-08-074-1571	Inside work area center	1440	5	0.0621	0.0043	0.0043	16.10	0.0043	<0.0043	NA	Actin. - Tremol.
04	T02-08-074-1572	Inside work area east	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA
05	T02-08-074-1573	Inside work area north	1440	5	0.0621	0.0043	<0.0043	<16.10	NA	NA	NA	NA

 ANALYST
E. Dimitrakas

 LABORATORY DIRECTOR
Spiro Dongaris

LABORATORY CERTIFICATION NUMBERS: NVLAP 101958, ELAP 10955

* 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 THE TEST PERIOD. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENFORCEMENT 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 DEP
PROJECT: Facades
LOCATION: 181 Broadway
W&P FILE #: 10579: 05102
LABORATORY: A7C
ANALYSIS METHOD: PCM 7400
TECHNICIAN: Colegline Nimmer

TECHNICIAN: Colegline Nimmer
ANALYSIS METHOD: PCM 7400
circle one
TECHNICIAN: Colegline Nimmer

CONTACT: Mr Mike Noller

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
01	24 Entrance	3		06	06	0800	1250	240	1440	
02	Inside work area west	3		06	06	0802	1252	240	1440	
03	Inside work area Centre	3		06	06	0804	1204	240	1440	
04	Inside work area East	3		06	06	0806	1206	240	1440	
05	Inside work area North	3		06	06	0808	1208	240	1440	
06	BSF	1								
07	BSF	1								
08	Capped Blank	1								

SAMPLE BY: Colegline Nimmer DATE: 08/14/02
SIGNATURE: Colegline Nimmer
RELEASED BY: Colegline Nimmer DATE: 08/14/02
SIGNATURE: Colegline Nimmer
RECEIVED BY: E. Shuck DATE: 8/15/02
SIGNATURE: E. Shuck

702-08-074

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