

11/07/2002 18:16 FAX

020

**ATHENICA**

ENVIRONMENTAL SERVICES INC.

Tel. (718) 784-7490
Fax. (718) 784-4065**AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY**

CLIENT: Warren & Panzer Engineers, P.C.

LABORATORY ID #: T02-11-020

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.013433

PROJECT: NYC DHP, 17 Battery Place

DATE OF REPORT: 11/05/02

DATE OF ANALYSIS: 11/05/02

EFFECTIVE FILTER AREA (mm²): 38.5**LABORATORY RESULTS**

CLIENT #	LAB. ID #	LOCATION	VOLUME (#)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITV. (struct./cm ²)	TOTAL ASBESTOS AIR CONC. (struct./cm ²)	TOTAL ASBESTOS FILTER CONC. (struct./cm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. 5-10µm	ASBEST. TYPE CHARS.	ASPHIB. ASBEST TYPE SPECIFY
ID01	T02-11-020-3775	IWA by the decon	1470	4	0.0537	0.0049	<0.0049	<18.61	NA	NA	NA	NA
ID02	T02-11-020-3776	IWA 1st left side of WA	1470	4	0.0537	0.0049	<0.0049	<18.61	NA	NA	NA	NA
ID03	T02-11-020-3777	IWA 2nd left side of WA	1470	4	0.0537	0.0049	0.0049	18.64	0.0049	<0.0049	Chrys.	NA
ID04	T02-11-020-3778	IWA 3rd left side of WA	1470	4	0.0537	0.0049	<0.0049	<18.61	NA	NA	NA	NA
ID05	T02-11-020-3779	IWA 4th left side of WA	1470	4	0.0537	0.0049	<0.0049	<18.61	NA	NA	NA	NA

ANALYST
H. Dimitrakos

LABORATORY DIRECTOR
Spiro Dongaris

- 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 concentrations were 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.

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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

PAGE ____ OF ____

P.O. _____

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

W&P FILE #: 1079-01-01

CONTACT: MICHAEL NOLAN

LABORATORY: W & P

ANALYSIS METHOD: PCM TEM

circle one 7400 AVERA EPA LEVEL II

TECHNICIAN: ID RIS Downy

CLIENT: NYC DEP

PROJECT: 17 BATTERY PLACE

LOCATION: FERRIS

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	STOP	TIME ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
ID01	1WA By the Decon	3		3	3	0800	1610	490	1470	
ID02	1WA 1ST LEFTSIDE OF WA	3		3	3	0802	1612	490	1470	
ID03	1WA 2ND LEFTSIDE OF WA	3		3	3	0803	1613	490	1470	
ID04	1WA 3RD LEFTSIDE OF WA	3		3	3	0804	1614	490	1470	
ID05	1WA 4TH LEFTSIDE OF WA	3		3	3	0805	1615	490	1470	
ID06	Field blank	1				1614				
ID07	Field blank	1				1614				
ID08	Sealed blank	1				1614				

COMMENTS:

SAMPLE BY: ID RIS Downy	DATE: 10-04-02
SIGNATURE: ID RIS Downy	
RELEASED BY: ID RIS Downy	DATE: 11-04-02
SIGNATURE: ID RIS Downy	
RECEIVED BY: A. CATALAN	DATE: 11/5/02
SIGNATURE: A. Catalan	

T02-11-020

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

SEE REVERSE SIDE FOR ANALYSIS INFORMATION