



ATHENICA

ENVIRONMENTAL SERVICES INC.

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AIRBORNE ASBESTOS ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY

CLIENT: Warner & Panzer Engineers, P.C.

LABORATORY ID #: T02-08-148

ANALYT. METHODOLOGY: AHERA

FILTER TYPE: M.C.E.

AVERAGE G.O. AREA (mm²): 0.012422

PROJECT: NYC DEP, 40 Exchange Place, NY

DATE OF REPORT: 08/29/02

DATE OF ANALYSIS: 08/29/02

EFFECTIVE FILTER AREA (mm²): 385

LABORATORY RESULTS

CLIENT #	LAB. ID #	LOCATION	VOLUME (l)	G.O.'s ANALYZED	AREA ANALYZED (mm ²)	ANALYT. SENSITIVITY (detection limit)	TOTAL ASBESTOS AIR CONC. (air/cc)	TOTAL ASBESTOS FILTER CONC. (air/mm ²)	AIR CONC. FOR STRUCT. 0.55-5µm	AIR CONC. FOR STRUCT. ≥5.0µm	ASBEST. TYPE CHRY.	AMPLIF. ASBEST. TYPE SPECIFY
01 IWA	T02-08-148-1979	On roof, Center of work area	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
02 IWA	T02-08-148-1980	On roof, West section of work area	1800	4	0.0497	0.0043	0.0086	40.25	0.0043	0.0043	Chrys.	NA
03 IWA	T02-08-148-1981	On roof, East section of W.A	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA
04 IWA	T02-08-148-1982	On roof, 1ft of ladder leading to bottom of W.A	1800	4	0.0497	0.0043	0.0043	20.13	0.0043	<0.0043	Chrys.	NA
05 OWA	T02-08-148-1983	On roof, 2ft of door entrance of roof	1800	4	0.0497	0.0043	<0.0043	<20.13	NA	NA	NA	NA

E. Sianchi

ANALYST

L. MURPHY

Don W. H. for so

LABORATORY DIRECTOR

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 user 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 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.

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
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
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27	100	100	100	100	100
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31	100	100	100	100	100
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42	100	100	100	100	100
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57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	1	

W&P FILE #

LABORATORY: Warren and Ponzar.

ANALYSIS METHOD: PCM
circle one 7400 TEM TEM

TECHNICIAN: *Vu Vu Bedia*

TECHNICAL. YUTAY DESIGN.

CLIENT:

PROJECT: DEL Roof Project Sampling.
LOCATION: 40 Exchange Place, N.Y. City.

LOCATION: 40 Exchange Place, N.Y. City.

CONTACT: Mr. M. Nolan

20

PAGE 1 OF 1

[illegible]

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SAMPLE BY: W. H. Bedin. DATE: 8-28-02.

SIGNATURE: W. J. [illegible]

RELEASED BY: July Bedin. DATE: 8-28-02

SIGNATURE: _____
Your Book: Released - 18:00 PM
DATE: 8-28-77

RECEIVED BY: ANGEL GAZ DATE: 2/26

SIGNATURE: [Signature] DATE: 8/29/02

SAMPLE TYPE CODES

1 - Blank

2 - Pre-Abatement

3 - During Abatement

4 - During Glove Bag Removal

5 - Final Clearance (Incide)

6 - Final Clearance (outside)

7-Personal

8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION