

10/01/2001 10:40 FAX 212 353 8306

ATC

007/020

ATC Environmental, Inc.
104 East 25th Street
New York, New York 10010

N.Y.C. Housing Authority
250 Broadway, 16th Floor
New York, NY 10007

Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 09/16/01

ASBESTOS FIBER ANALYSIS BY TRANSMISSION ELECTRON MICROSCOPY (TEM)

With Fiber Identification by Selected-Area Electron Diffraction (SAED) and Energy-Dispersive X-RAY Spectroscopy (EDS)

Method: AHERA Final Rule, EPA Federal Register (40 CFR, Part 763), Vol. 51, No. 210, October 30, 1987

Sample Identification

Analysis Parameters

Project/Site: 250 Broadway, NY, NY
Floors 31, 27, 19, 8

Date Received: 09/16/01

Project Sample No.: 02

Air Volume: 1800 liters

Filter Type: MCF 25 mm diam., Pore Size: 0.45 um
Effective Area: 385 mm²

TEM Sample No.: 5512 - 59076

Grid Openings Analyzed: 4

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0450 mm²

Analytical Sensitivity: 22.2 #/mm²
0.0048 #/cc

FIBROUS PARTICULATES ANALYZED

Number Observed

CONCENTRATION

	Single			Matrix	Total	Total	Filter		Air
	Fibers	Bundles	Clusters				Struct/mm ²	Struct/cc	
Chrysotile Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Amphibole Asbestos	0	0	0	0	0	0	0.0	0.0000	0
Ambiguous	0	0	0	0	0	0	0.0	0.0000	0
Total asbestos (includes ambiguous structures)					0	0	0.0	0.0000	0
Non-Asbestos	0	0	0	0	0	0	0.0	0.0000	N/A
No Identification	0	0	0	0	0	0	0.0	0.0000	N/A
Totals (All Structures)					0	0	0.0	0.0000	N/A

The estimated uncertainty of this analysis is 1 standard deviation.

Non-asbestos fiber i.d. (EDS/SAED): None detected
Amphibole Asbestos Type: None detected

The Analysis was carried out in accordance with the approved TEM method.
This laboratory is in compliance with the quality specified for the method

Analyzed by:

Report Reviewed by:

Roman Peysakhov

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

CITY_21MC100_003054649