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Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 10/21/01

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. 52, No. 210, October 30, 1987

Sample Identification

Analysis Parameters

Project/Site: New Stuyvesant H.S., 345 Chambers St., NY, NY

Various Sites Inside and Outside the Building

Date Received: 10/20/01

Project Sample No.: 21

Air Volume: 1944 liters

Filter Type: MCE 25 mm diam., Pore Size: 0.45 um

Effective Area: 385 mm2

TEM Sample No.: 5735 - 61735

Grid Openings Analyzed: 4

Average Grid Opening: 106.00 um

Total Area Analyzed: 0.0450 mm2

Analytical Sensitivity: 22.2 s/mm2
0.0044 s/cc

FIBROUS PARTICULATES ANALYZED

Number Observed

CONCENTRATION

	Single			Matrix	Total.	Total Struct. >=5um	Filter		Air
	Fibers	Bundles	Clusters	Struct.	Struct.		Struct/mm2	Struct/cc	
Chrysotile Asbestos	0	0	0	0	0	0	0.0	0.0000	C
Amphibole Asbestos	0	0	0	0	0	0	0.0	0.0000	C
Ambiguous	0	0	0	0	0	0	0.0	0.0000	C
Total asbestos (includes ambiguous structures)					0	0	0.0	0.0000	C
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

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