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Approved N.Y. State ELAP #10879
ACCREDITED NVLAP Lab Code # 1187
Report Date: 10/28/01

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

TEM Sample No.: 5784 - 62405

Exterior & Interior of Building & Roof

Date Received: 10/27/01

Grid Openings Analyzed: 4

Project Sample No.: 20

Average Grid Opening: 106.00 um

Air Volume: 1928 liters

Total Area Analyzed: 0.0450 mm2

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

Analytical Sensitivity: 22.2 s/mm2

Effective Area: 385 mm2

0.0044 s/cc

FIBROUS PARTICULATES ANALYZED

	<u>Number Observed</u>						<u>CONCENTRATION</u>			
						Total				
	Single			Matrix	Total.	Struct.	Filter	Air		
	Fibers	Bundles	Clusters	Struct.	Struct.	>=5um	Struct/mm2	Struct/cc	ngm/m3	
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

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Director of Electron Microscopy