NYC 9/11 Public Portal Document

ATHENICA
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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT : Warren & Panzer	DATE : 10/14/02
PROJECT : MCDEP / 123 Williams St	ANALYST : END
BATCH # : T02-10-083	CLIENT ID # : 02
SAMPLE ID # : T02-10-083-3102	VOLUME (lt) : 1620
G.O. AREA (mm²) : 0.013838	GO's TO ANALYZE : 4
MAGNIFICATION : 194	ACC. VOLTAGE (KeV) : 100
INSTRUMENT : JEOL 100CX II	FILTER AREA (mm²) : 385.

ANALYTICAL METHODOLOGY: EPA FEDERAL REGISTER, VOL. 52, No 210, OCT. 30, 1987, #40 CFR, PART 763, APPENDIX A TO SUBPART E

GRID	GO ID	Str. #	Str. Classf.	L (µm)	W (µm)	Structure sketch	SAED	EDXA	PHOTO#	ID
A	B3	ND								
	F9	ND								
B	F3	ND								
	E9	ND								

Analytical Sensitivity (str/cm³): 0.0043	Eucentricity check : J
Concentration (str/cm³) : <0.0043	*Grid acceptance criteria check : (A) ✓ (B) ✓
Concentration (str/mm²) : <18.07	**CHR. # STRUCT. : F M C B
Number of Asbestos Structures : 0.5≤S<5µm 0	**AMPH. # STRUCT. : F M C B
S≥5µm 0	Specify AMPH. Type : AM. ACT. TRE.
Number of Non-asbestos Structures: 2	CRO. ANTH.

*Replica covers >50%, at least 20 GO's with no overlapping or folded replica, intact GO's have >50% coverage, <50% Undissolved filter, <5% holes or opaque areas, <10% particulate coverage.
** CHR.=chrysotile, AMPH.=amphibole, AM.=amosite, ACT.=actinolite, TRE.=tremolite, CRO.=crocidolite, ANTH.=anthophyllite