NYC 9/11 Public Portal Document

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TEM DEPARTMENT

TEM AHERA COUNTSHEET

CLIENT : WARREN & PANZER	DATE : 9/9/02
PROJECT : NYC DEP / 101 MAIDEN LN.	ANALYST : END
BATCH # : T02-09-031	CLIENT ID # : 03
SAMPLE ID # : T02-09-031-2226	VOLUME (lt) : 1440
G.O. AREA (mm^2) : 0.013711	GO's TO ANALYZE : 4
MAGNIFICATION : 19K	ACC. VOLTAGE (KeV) : 100
INSTRUMENT : JEOL 100CX II	FILTER AREA (mm^2) : 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	G7	N>3								
	J5	N>3								
B	D2	N>3								
	E7	N>3								

Analytical Sensitivity (str/cm^3): 0.0049	Eucentricity check : ✓
Concentration (str/cm^3) : <0.0049	*Grid acceptance criteria check : (A)..✓.. (B)..✓..
Concentration (str/mm^2) : <18.15	**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:.....0....	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.

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