NYC 9/11 Public Portal Document

ATHENICA
ENVIRONMENTAL SERVICES INC.

45-09 Greenpoint Avenue
Long Island City, N.Y. 11104

Tel. (718) 784-7490
Fax (718) 784-4085

TEM DEPARTMENT

TEM AHERA COUNTSHEET

CLIENT : WARREN & PANZER	DATE : 10/15/02
PROJECT : NYCDEP/123 WILLIAMS ST.	ANALYST : END
BATCH # : T02-10-091	CLIENT ID # : 04
SAMPLE ID # : T02-10-091-3144	VOLUME (lt) : 1470
G.O. AREA (mm^2) : 0.013838	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
B	E3	NSD								
	H2	NSD								
A	H1	NSD								
	F2	NSD								

Analytical Sensitivity (str/cm^3): 0.0047	Eucentricity check : ✓
Concentration (str/cm^3) : <0.0047	*Grid acceptance criteria check : (A)..✓.. (B)..✓..
Concentration (str/mm^2) : <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:.....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