



ATHENICA

ENVIRONMENTAL SERVICES INC.

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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT: NARREN & PANZER	DATE: 9/8/02
PROJECT: NYC DEP 75 MAIDEN LN.	ANALYST: E.S.
BATCH #: 102-09-021	CLIENT ID #: 04
SAMPLE ID #: 102-09-021-2172	VOLUME (lb): 1440
G.O. AREA (mm ²): 0.013771	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	

GRI D	GO ID	Str. #	Str. Classf.	L (μm)	W (μm)	Structure sketch	SAB D	EDXA	PHO TO#	ID
A	C5	1	B	>5.0	0.25		chr	mg, Si, Fe		chr
	G9	NSD								
B	D7	NSD								
	H3	1	M	2.0	1.0		chr	mg, Si, Fe		chr

Analytical Sensitivity (str/cm ³): 0.0049	Eucentricity check: ☒
Concentration (str/cm ³): 0.0097	*Grid acceptance criteria check: (A)... ☒ (B)... ☒
Concentration (str/mm ²): 36.31	**CHR. # STRUCT.: F 0 M 0 C 0 B 0
Number of Asbestos Structures: 0.5 ≤ S < 5 μm: 0.1	**AMPH. # STRUCT.: F 0 M 0 C 0 B 0
S ≥ 5 μm: 0.1	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