



ATHENICA

ENVIRONMENTAL SERVICES INC.

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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT: <i>Warren & Panzer</i>	DATE: <i>10/10/02</i>
PROJECT: <i>NYCDEP/161 Williams St.</i>	ANALYST: <i>E-S.</i>
BATCH #: <i>T02-10-057</i>	CLIENT ID #: <i>4</i>
SAMPLE ID #: <i>T02-10-057-2966</i>	VOLUME (lt): <i>1530</i>
G.O. AREA (mm ²): <i>0.013838</i>	GO's TO ANALYZE: <i>4</i>
MAGNIFICATION: <i>194</i>	ACC. VOLTAGE (KeV): <i>100</i>
INSTRUMENT: <i>JEOL 100CX II</i>	FILTER AREA (mm ²): <i>385</i>
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	SAE D	EDXA	PHO TO#	ID
<i>B</i>	<i>C7</i>	<i>NSD</i>								
<i>A</i>	<i>G5</i>	<i>NSD</i>								
	<i>D8</i>	<i>NSD</i>								
	<i>C2</i>	<i>NSD</i>								

Analytical Sensitivity (str/cm ³): <i>0.0045</i>	Eucentricity check: ☒
Concentration (str/cm ³): <i>0.0045</i>	*Grid acceptance criteria check: (A) ☒ (B) ☒
Concentration (str/mm ²): <i>218.07</i>	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures: <i>0.5 ≤ S < 5 μm ... 0.</i>	**AMPH. # STRUCT.: F M C B
<i>S ≥ 5 μm ... 0.</i>	Specify AMPH. Type: AM. ACT. TRE.
Number of Non-asbestos Structures: <i>0.</i>	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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