



ATHENICA

ENVIRONMENTAL SERVICES INC.

46-09 Greenpoint Avenue
Long Island City, N.Y. 11104

TEM DEPARTMENT

Tel. (718) 764-7490
Fax (718) 764-4065

TEM AHERA COUNTSHEET

CLIENT: <i>Worm & Partner Eng</i>	DATE: <i>10/25/02</i>
PROJECT: <i>NYC DEC / 170 Williams</i>	ANALYST: <i>CND</i>
BATCH #: <i>702-012-160</i>	CLIENT ID #: <i>02</i>
SAMPLE ID #: <i>702-012-160-35084</i>	VOLUME (l): <i>1515</i>
G.O. AREA (mm ²): <i>6.013838</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>585</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>D3</i>	<i>NDD</i>								
	<i>G3</i>	<i>NDD</i>								
<i>A</i>	<i>C6</i>	<i>NDD</i>								
	<i>D3</i>	<i>NDD</i>								

Analytical Sensitivity (str/cm ²): <i>0.0044</i>	Eucentricity check: <i>✓</i>
Concentration (str/cm ²): <i><0.0044</i>	*Grid acceptance criteria check: (A) <i>✓</i> (B) <i>✓</i>
Concentration (str/mm ²): <i><18.07</i>	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures: 0.5 ≤ S < 5 μm <i>0</i>	**AMPH. # STRUCT.: F M C B
S ≥ 5 μm <i>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