



ATHENICA
ENVIRONMENTAL SERVICES INC.

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

TEM DEPARTMENT

Tel. (718) 784-7400
Fax (718) 784-4086

TEM AHERA COUNTSHEET

CLIENT: <i>Waver & Lancer Eng'g P.C.</i>	DATE: <i>10/31/02</i>
PROJECT: <i>NYC DEP/164 William St</i>	ANALYST: <i>ES</i>
BATCH #: <i>702-10-190</i>	CLIENT ID #: <i>2</i>
SAMPLE ID #: <i>702-10-190-3655</i>	VOLUME (lt): <i>1800</i>
G.O. AREA (mm²): <i>0.013433</i>	GO's TO ANALYZE: <i>4</i>
MAGNIFICATION: <i>19K</i>	ACC. VOLTAGE (KeV): <i>100</i>
INSTRUMENT: <i>JEOL 100CX II</i>	FILTER AREA (mm²): <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>F7</i>	<i>NSD</i>								
	<i>C4</i>	<i>NSD</i>								
<i>A</i>	<i>F5</i>	<i>NSD</i>								
	<i>D6</i>	<i>NSD</i>								

Analytical Sensitivity (str/cm³): <i>0.0040</i>	Eucentricity check:
Concentration (str/cm³): <i>20-0040</i>	*Grid acceptance criteria check: (A) <i>/</i> (B) <i>/</i>
Concentration (str/mm²): <i>219.61</i>	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures: 0.5 ≤ S < 5µm <i>0...</i>	**AMPH. # STRUCT.: F M C B
S ≥ 5µm <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