

ATHENICA

ENVIRONMENTAL SERVICES INC.

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

TEM DEPARTMENT

Tel. (718) 784-7480
Fax (718) 784-4085

TEM AHERA COUNTSHEET

CLIENT: <i>Warren & Panzer</i>	DATE: <i>9/19/02</i>
PROJECT: <i>MCDP/87 Nassau street</i>	ANALYST: <i>ES</i>
BATCH #: <i>T02-09-065</i>	CLIENT ID #: <i>3</i>
SAMPLE ID #: <i>T02-09-065-2397</i>	VOLUME (lt): <i>1440</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>300</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
A	I6	NSD								
	ES	J	M	3.0	1.0		dur	Mg, Si, Fe		dur
B	D3	NSD								
	G4	NSD								

Analytical Sensitivity (str/cm ²): <i>0.0048</i>	Eucentricity check: ☒
Concentration (str/cm ²): <i>0.0048</i>	*Grid acceptance criteria check: (A)..... (B).....
Concentration (str/mm ²): <i>18.07</i>	**CHR. # STRUCT.: F O M O I C O B O
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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CLIENT: <u>Warren & Panzer</u>	DATE: <u>9/19/02</u>
PROJECT: <u>NYCDEP/87 Nassau street</u>	ANALYST: <u>E.S.</u>
BATCH #: <u>T02-09-065</u>	CLIENT ID #: <u>5</u>
SAMPLE ID #: <u>T02-09-065 - 2399</u>	VOLUME (lt): <u>1440</u>
G.O. AREA (mm ²): <u>0.013838</u>	GO's TO ANALYZE: <u>4</u>
MAGNIFICATION: <u>194</u>	ACC. VOLTAGE (KeV): <u>100</u>
INSTRUMENT: <u>JEOL 100CX II</u>	FILTER AREA (mm ²): <u>385</u>
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
A	B2	NSD								
B	E6	NSD								
	G7	NSD								
	C5	NSD								

Analytical Sensitivity (str/cm ²): <u>0.0048</u>	Eucentricity check: ☒
Concentration (str/cm ²): <u>40.0048</u>	*Grid acceptance criteria check: (A)..... (B).....
Concentration (str/mm ²): <u>418.07</u>	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures: 0.5 ≤ S < 5 μm ... 0..	**AMPH. # STRUCT.: F M C B
S ≥ 5 μm 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.

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