

ATHENICA

ENVIRONMENTAL SERVICES INC.

45-08 Greenpoint Avenue
Long Island City, N.Y. 11104

TEM DEPARTMENT

Tel. (718) 784-7490
Fax (718) 784-4085

TEM AHERA COUNTSHEET

CLIENT: <i>Warren & Ponzor</i>	DATE: <i>9/17/02</i>
PROJECT: <i>NYC DEP/9-11 Maiden Lane</i>	ANALYST: <i>E.S.</i>
BATCH #: <i>702-09-060</i>	CLIENT ID #: <i>01</i>
SAMPLE ID #: <i>702-09-060-2365</i>	VOLUME (lt): <i>1 260</i>
G.O. AREA (mm ²): <i>0.013771</i>	GO's TO ANALYZE: <i>5</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
A	G8	NSD								
	E5	NSD								
	F3	NSD								
B	D3	1	F	3.8	0.2	<i>/</i>	<i>chr</i>	<i>Mg, Si, Fe</i>		<i>chr</i>
	H7	NSD								

Analytical Sensitivity (str/cm ³): <i>0.0044</i>	Bucentricity check:
Concentration (str/cm ³): <i>0.0044</i>	*Grid acceptance criteria check: (A).... (B)....
Concentration (str/mm ²): <i>14.52</i>	**CHR. # STRUCT.: F <i>01</i> M C B
Number of Asbestos Structures: <i>0.5 ≤ S < 5 μm ... 0.1</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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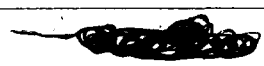
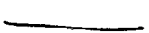
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TEM AHERA COUNTSHEET

CLIENT: <i>Wawen & Pomeroy</i>	DATE: <i>9/17/02</i>
PROJECT: <i>NYC DEP/9-11 Maiden Lane</i>	ANALYST: <i>E.S.</i>
BATCH #: <i>702-09-060</i>	CLIENT ID #: <i>03</i>
SAMPLE ID #: <i>702-09-060-2367</i>	VOLUME (lt): <i>1 260</i>
G.O. AREA (mm ²): <i>0.013771</i>	GO's TO ANALYZE: <i>5</i>
MAGNIFICATION: <i>190</i>	ACC. VOLTAGE (KeV): <i>100</i>
INSTRUMENT: JEOL 100CX II	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	D8	N7D								
	E4	1	M	11.0	3.0		chr	Mg, Si, Fe		chr
		2	F	2.6	0.15		chr	-10		chr
	H7	1	F	3.1	0.2		Amph	Mg, Si, Fe		Amph
B	F3	N5D								
	G9	N7D								

Analytical Sensitivity (str/cm ³): <i>0.0044</i>	Eucentricity check: ☒
Concentration (str/cm ³): <i>0.0133</i>	*Grid acceptance criteria check: (A).....(B).....
Concentration (str/mm ²): <i>43.56</i>	**CHR. # STRUCT.: F <i>01</i> M <i>01</i> C <i>0</i> B <i>0</i>
Number of Asbestos Structures: <i>0.5 ≤ S < 5µm</i> <i>0.2</i>	**AMPH. # STRUCT.: F <i>01</i> M <i>0</i> C <i>0</i> B <i>0</i>
<i>S ≥ 5µm</i> <i>0.1</i>	Specify AMPH. Type: AM. ACT. TRE.
Number of Non-asbestos Structures: <i>0</i>	CRO. <i>ANTH.</i>

* 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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TEM AHERA COUNTSHEET

CLIENT: <i>Warren & Pomeroy</i>	DATE: <i>9/17/02</i>
PROJECT: <i>NYC DEP/9-11 Morden Lane</i>	ANALYST: <i>E.S.</i>
BATCH #: <i>702-09-060</i>	CLIENT ID #: <i>04</i>
SAMPLE ID #: <i>702-09-060-2368</i>	VOLUME (lit): <i>1260</i>
G.O. AREA (mm ²): <i>0.013771</i>	GO's TO ANALYZE: <i>5</i>
MAGNIFICATION: <i>194</i>	ACC. VOLTAGE (KeV): <i>100</i>
INSTRUMENT: JEOL 100CX II	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
B	D2	NSD								
	A4	NSD								
A	F3	NSD								
	D8	NSD								
	C5	NSD								

Analytical Sensitivity (str/cm ³): <i>0.0044</i>	Eucentricity check: ☒
Concentration (str/cm ³): <i>40.0044</i>	*Grid acceptance criteria check: (A)..... (B)..... ☒
Concentration (str/mm ²): <i><14.52</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.

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