

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

CLIENT: Warren & Patzer Engineers	DATE: 2/07/03
PROJECT: NYC DEP. 15 Park Row	ANALYST: ES
BATCH #: T03-02-020	CLIENT ID #: 01
SAMPLE ID #: T03-02-020-214	VOLUME (lt): ~~1000~~ 1500
G.O. AREA (mm ²): 0.012820	GO's TO ANALYZE: 5
MAGNIFICATION: 19k	ACC. VOLTAGE (KeV): 100
INSTRUMENT: JEOL 100CX II	FILTER AREA (mm ²): 385
ANALYTICAL METHODOLOGY: EPA FEDERAL REGISTER, VOL. 52, No 210, OCT. 30, 1987, #40 CFR, PART 763, APPENDIX A TO SUBPART E	

[illegible]

Analytical Sensitivity (str/cm ²):	0.0040	Eucentricity check:	/
Concentration (str/cm ²):	20.0040	*Grid acceptance criteria check:	(A) ✓ (B) ✓
Concentration (str/mm ²):	<15-60	**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.	

** CHR.=chrysotile, AMPH.=amphibole, AM.=amosite, ACT.=actinolite, TRE.=tremolite, CRO.=crocidolite, ANTH.=anthophyllite



ATHENICA

ENVIRONMENTAL SERVICES INC.

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

TEM DEPARTMENT

Tel. (718) 784-7490
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TEM AHERA COUNTSHEET

CLIENT: <i>Warren & Patzer Engineers</i>	DATE: <i>2/07/03</i>
PROJECT: <i>NYC DEP. 115 Park Row</i>	ANALYST: <i>ES</i>
BATCH #: <i>T03-02-020</i>	CLIENT ID #: <i>02</i>
SAMPLE ID #: <i>T03-02-020-215</i>	VOLUME (lt): <i>1491</i>
G.O. AREA (mm ²): <i>0.012820</i>	GO's TO ANALYZE: <i>5</i>
MAGNIFICATION: <i>19K</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	F8	NSD								
	H4	NSD								
	D3	NSD								
B	ES	NSD								
	H7	NSD								

Analytical Sensitivity (str/cm ²): <i>0.0040</i>	Eucentricity check:
Concentration (str/cm ²): <i><0.0040</i>	*Grid acceptance criteria check: (A)... ☒ (B)...
Concentration (str/mm ²): <i><15.60</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 filler, <5% holes or opaque areas, <10% particulate coverage.

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CLIENT : Warren & Patzer Engineers	DATE : 2/07/03
PROJECT : NYC DEP. 15 Park Row	ANALYST : ES
BATCH # : T03.02-020	CLIENT ID # : 03
SAMPLE ID # : T03.02-020-216	VOLUME (lt) : 1491
G.O. AREA (mm ²) : 0.012820	GO's TO ANALYZE : 5
MAGNIFICATION : 19K	ACC. VOLTAGE (KeV) : 100
INSTRUMENT : JEOL 100CX II	FILTER AREA (mm ²) : 385
ANALYTICAL METHODOLOGY: EPA FEDERAL REGISTER, VOL. 52, No 210, OCT. 30, 1987, #40 CFR, PART 763, APPENDIX A TO SUBPART E	

[illegible]

Analytical Sensitivity (str/cm ³): 0.0040	Eucentricity check :
Concentration (str/cm ³) : <0.0040	*Grid acceptance criteria check : (A)..... (B).....
Concentration (str/mm ²) : <15.60	**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.

** CHR.=chrysotile, AMPH.=amphibole, AM.=amosite, ACT.=actinolite, TRE.=tremolite, CRO.=crocidolite, ANTH.=anthophyllite.



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TEM AHERA COUNTSHEET

CLIENT: <i>Warren & Patzer Engineers</i>	DATE: <i>2/07/03</i>
PROJECT: <i>NYC DEP. 15 Park Row</i>	ANALYST: <i>ES</i>
BATCH #: <i>T03-02-020</i>	CLIENT ID #: <i>04</i>
SAMPLE ID #: <i>T03-02-020-217</i>	VOLUME (lt): <i>1491</i>
G.O. AREA (mm ²): <i>0.012820</i>	GO's TO ANALYZE: <i>5</i>
MAGNIFICATION: <i>19K</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>A</i>	<i>A7</i>	<i>N5D</i>								
	<i>F5</i>	<i>M5D</i>								
	<i>D3</i>	<i>N5D</i>								
<i>B</i>	<i>C4</i>	<i>N5D</i>								
	<i>G2</i>	<i>N5D</i>								

Analytical Sensitivity (str/cm ²): <i>0.0040</i>	Eucentricity check:
Concentration (str/cm ²): <i><0.0040</i>	*Grid acceptance criteria check: (A) ☒ (B) ☒
Concentration (str/mm ²): <i><15.60</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.

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