



ATHENICA

ENVIRONMENTAL SERVICES INC

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

TEM DEPARTMENT

Tel. (718) 784-7490
Fax (718) 784-4065

TEM AHERA COUNTSHEET

CLIENT : WARREN & PANZER	DATE : 11/2/02
PROJECT : NYCDER/17 BATTERY PLACE	ANALYST : END
BATCH # : J02-11-007	CLIENT ID # : 1D01
SAMPLE ID # : J02-11-007-37/0	VOLUME (lt) : 1440
G.O. AREA (mm ²) : 0.013433	GO's TO ANALYZE : 4
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	

GRI D	GO ID	Str. #	Str. Classf.	L (μm)	W (μm)	Structure sketch	SAE D	EDXA	PHO TO#	ID
B	C9	N>2								
	E2	N>2								
A	D1	N>2								
	D2	N>2								

Analytical Sensitivity (str/cm ³): 0.0050	Eucentricity check : ✓
Concentration (str/cm ³): < 2.0030	*Grid acceptance criteria check : (A) ✓ (B) ✓
Concentration (str/mm ²): < 18.61	**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.

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

CITY_21MC100_002990774



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Fax (718) 784-4086

TEM AHERA COUNTSHEET

CLIENT: WARREN & PANZER	DATE: 11/2/02
PROJECT: NYCTD/17 BATTERY PLACE	ANALYST: END
BATCH #: T02-11-007	CLIENT ID #: 1D02
SAMPLE ID #: T02-11-007-37/1	VOLUME (lt): 1440
G.O. AREA (mm ²): 0.013433	GO's TO ANALYZE: 4
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):	0.0050	Eucentricity check:	✓
Concentration (str/cm ²):	2.0030	*Grid acceptance criteria check:	(A)✓ (B)✓
Concentration (str/mm ²):	218.61	**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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CITY 21MC100 002990775

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CLIENT : WARREN & PANZER	DATE : 11/2/02
PROJECT : NYCDER/17 BATTERY PLACE	ANALYST : END
BATCH # : T02-11-007	CLIENT ID # : ID03
SAMPLE ID # : T02-11-007-37/2	VOLUME (lt) : 1440
G.O. AREA (mm ²) : 0.013433	GO's TO ANALYZE : 4
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): 0.0050	Eucentricity check: /
Concentration (str/cm ³): 2.0050	*Grid acceptance criteria check: (A) / (B) /
Concentration (str/mm ²): <18.61	**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.

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CLIENT: WARREN & PANZER	DATE: 11/2/02
PROJECT: NYCDER/17 BATTERY PLACE	ANALYST: END
BATCH #: J02-11-007	CLIENT ID #: 1D04
SAMPLE ID #: J02-11-007-3713	VOLUME (lt): 1440
G.O. AREA (mm ²): 0.013433	GO's TO ANALYZE: 4
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):	0.0050	Eucentricity check:	✓
Concentration (str/cm ³):	0.0050	*Grid acceptance criteria check:	(A) ✓ (B) ✓
Concentration (str/mm ³):	18.61	**CHR. # STRUCT.:	F 0, M 0 C 0 B 0
Number of Asbestos Structures:	0.5 ≤ S < 5 μm 01	**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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CLIENT: WARREN & PANZER	DATE: 11/2/02
PROJECT: NYCDER/17 BATTERY PLACE	ANALYST: END
BATCH #: J02-11-007	CLIENT ID #: 1D 05
SAMPLE ID #: J02-11-007-37/4	VOLUME (lt): 1440
G.O. AREA (mm ²): 0.013433	GO's TO ANALYZE: 4
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	

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Analytical Sensitivity (str/cm ²):	0.0050	Eucentricity check:	
Concentration (str/cm ²):	29.2250	*Grid acceptance criteria check:	(A)..... (B).....
Concentration (str/mm ²):	<18.61	**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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