

46-00 Greenpoint Avenue
Long Island City, N.Y. 11104

Tel. (718) 784-7400
Fax (718) 784-4085

TEM DEPARTMENT

TEM AHERA COUNTSHEET

TEM AHERA COUNTSHEET	
CLIENT: Warren & Panzer	DATE: 7/24/02
PROJECT: MYCDEP/45 Wall Str	ANALYST: END
BATCH #: T02-07-015	CLIENT ID #: 01
SAMPLE ID #: T02-07-015-1019	VOLUME (l): 1300
G.O. AREA (mm ²): 0.008643	GO's TO ANALYZE: 7
MAGNIFICATION: 194	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 B	

[illegible]

Analytical Sensitivity (str/cm ³):	0.0049	Bucentricity check:	
Concentration (str/cm ³):	< 0.0049	*Grid acceptance criteria check:	(A).... (B)....
Concentration (str/mm ²):	< 16.53	**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 filler, <5% holes or opaque areas, <10% particulate coverage.

holos or opaque areas, <10% particulate coverage.

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

TEM DEPARTMENT

TEM AHERA COUNTSHEET	
CLIENT: Warren & Panzer	DATE: 7/24/02
PROJECT: MYCDEP/45 Wall Str	ANALYST: END
BATCH #: T02-07-015	CLIENT ID #: 02
SAMPLE ID #: T02-07-015-1020	VOLUME (lit): 1300
G.O. AREA (mm ²): 0.008643	GO's TO ANALYZE: 7
MAGNIFICATION: 194	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 B	

[illegible]

Analytical Sensitivity (str/cm ³): 0.0049	Eucentricity check:
Concentration (str/cm ³): <0.0049	*Grid acceptance criteria check: (A) ☒ (B) ☒
Concentration (str/mm ²): <16.53	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures: 0.5 ≤ S < 5 μm ... 9	**AMPH. # STRUCT.: F M C B
S ≥ 5 μm ... 9	Specify AMPH. Type: AM. ACT. TRE.
Number of Non-asbestos Structures: 2	CRO. ANTH.

... into 20's have >50% coverage, <50% Undissolved filter, <5%

*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

NYC-WTC_000206559

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

TEM DEPARTMENT

TEM AHERA COUNTSHEET	
CLIENT: Warren & Panzer	DATE: 7/29/02
PROJECT: MCDEP/45 Wall Str	ANALYST: END
BATCH #: T02-07-015	CLIENT ID #: 04
SAMPLE ID #: T02-07-015-1022	VOLUME (l): 1300
G.O. AREA (mm ²): 0.008643	GO's TO ANALYZE: 7
MAGNIFICATION: 194	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):	0.0049	Eucentricity check:	
Concentration (str/cm ³):	< 0.0049	*Grid acceptance criteria check:	(A)..... (B).....
Concentration (str/mm ²):	< 1653	**CHR. # STRUCT.:	F M C B
Number of Asbestos Structures:	0.5 ≤ S < 5 μm S ≥ 5 μm 0	**AMPH. # STRUCT.:	F M C B
Number of Non-asbestos Structures:	0	Specify AMPH. Type:	AM. ACT. TRE.
		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.

NYC-WTC_000206561



ATHENICA
ENVIRONMENTAL SERVICES INC.

46-00 Greenpoint Avenue
Long Island City, N.Y. 11104

Tel. (718) 704-7490
Fax (718) 704-4006

TEM DEPARTMENT

TEM AHERA COUNTSHEET

CLIENT: <i>Warren & Panzer</i>	DATE: <i>7/23/02</i>
PROJECT: <i>NYC DEP/45 Wall Str</i>	ANALYST: <i>END</i>
BATCH #: <i>702-07-015</i>	CLIENT ID #: <i>05</i>
SAMPLE ID #: <i>702-07-015-1023</i>	VOLUME (lit): <i>1300</i>
G.O. AREA (mm ²): <i>0.008643</i>	GO's TO ANALYZE: <i>7</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 B	

GRI D	GO ID	Str. #	Str. Classf.	L (µm)	W (µm)	Structure sketch	SAE D	EDXA	PHO TO#	ID
A	B8	N>2								
	B3	1	M	6.1	4.5		chw	Mgs, Fe	-	chw
	F2	N>2								
	49	N>2								
B	G3	N>2								
	D2	N>2								
	D7	N>2								

Analytical Sensitivity (str/cm ²): <i>0.0049</i>	Eucentricity check: ☒ (A) ☒ (B)
Concentration (str/cm ²): <i>0.0049</i>	*Grid acceptance criteria check: (A) ☒ (B) ☒
Concentration (str/mm ²): <i>1653</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

CITY_21MC100_002993629