NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	Warren & Panzer	**Volume (liters):**	1800
Lab Group #:	8127	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	1	**Grid Opening Size:**	0.01124
Client Sample #:	041	**Area Examined:**	0.04496 mm²
GRID BOX:	1236	**Magnification:**	20,000
GRID ID:	9AC	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	6/15/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO. No	Coord	Structure No	Structure Type F	B	C	M	Length >=05 µ <5µ	>=5µ	ID of Structure N or √ Chrys	Amphibole	Nonasb	Ambig/ND	EDS (Nonadb Elements)
9A	1 J2	NSD											
	2 Q3	4											
	3 P2	11											
	4 I2	4											
9C													

Struct = > 0.5µ > 5:1 Aspect Ratio

√= Positive diffraction pattern properties conforming to laboratory identification criteria observed

√= EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber
B = Bundle (<3 fibers <1 fiber diameter apart
C = Cluster (>3 Intersections)
M = Matrix
NSD = No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	>5µ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

CITY_21MC100_002993336

NYC-WTC_000347330

NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	Warren & Panzer	**Volume (liters):**	1800
Lab Group #:	8127	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	2	**Grid Opening Size:**	0.01124
Client Sample #:	042	**Area Examined:**	0.04496 mm²
GRID BOX:	1236	**Magnification:**	20,000
GRID ID:	9E	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	6/15/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO. No	GO. Coord	Structure No	Structure Type F	B	C	M	Length >=05 µ <5µ	Length >=5µ	ID of Structure N or √ Chrys	Amphibole	Nonasb	Ambig/ND	EDS (Nonadb Elements)
9E 1	J 2	NSD											
2	Q 2	4											
3	Q 2	11											
4	J 2	11											
9G													

Struct = > 0.5µ > 5:1 Aspect Ratio

√= Positive diffraction pattern properties conforming to laboratory identification criteria observed

√= EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber
B = Bundle (<3 fibers <1 fiber diameter apart
C = Cluster (>3 Intersections)
M = Matrix
NSD = No Structures Detected

Grid acceptance:

<50% undissolved filter, overlapped or folded <10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	>5µ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

CITY_21MC100_002993337

NYC-WTC_000347331

NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	Warren & Panzer	**Volume (liters):**	1800
Lab Group #:	8127	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	3	**Grid Opening Size:**	0.01124
Client Sample #:	043	**Area Examined:**	0.04496 mm²
GRID BOX:	1236	**Magnification:**	20,000
GRID ID:	9F10B	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	6/15/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO. No	GO. Coord	Structure No	Structure Type F	B	C	M	Length >=05 µ <5µ	Length >=5µ	ID of Structure N or √ Chrys	Amphibole	Nonasb	Ambig/ND	EDS (Nonadb Elements)
01	1 PB	NSD											
	2 N9	4											
	3 V2	4											
	4 T2	4											
10B													

Struct = > 0.5µ > 5:1 Aspect Ratio

√= Positive diffraction pattern properties conforming to laboratory identification criteria observed

√= EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber
B = Bundle (<3 fibers <1 fiber diameter apart
C = Cluster (>3 Intersections)
M = Matrix
NSD = No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	>5µ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

CITY_21MC100_002993338

NYC-WTC_000347332

NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	Warren & Panzer	**Volume (liters):**	1800
Lab Group #:	8127	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	4	**Grid Opening Size:**	0.01124
Client Sample #:	044	**Area Examined:**	0.04496 mm²
GRID BOX:	1236	**Magnification:**	20,000
GRID ID:	100F	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	6/15/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO		Structure	Structure Type				Length		ID of Structure N or √				EDS
No	Coord	No	F	B	C	M	>=05 µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	(Nonadb Elements)
100	1 X 2	10											
	2 Q 2	9											
	3 Q 2	11											
	4 X 2	11											
10F													

Struct = > 0.5µ > 5:1 Aspect Ratio

√= Positive diffraction pattern properties conforming to laboratory identification criteria observed

√= EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber

B = Bundle (<3 fibers <1 fiber diameter apart

C = Cluster (>3 Intersections)

M = Matrix

NSD = No Structures Detected

Grid acceptance:

<50% undissolved filter, overlapped or folded <10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES

Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	>5µ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

NYC-WTC_000347333

NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	Warren & Panzer	**Volume (liters):**	1800
Lab Group #:	8127	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	5	**Grid Opening Size:**	0.01124
Client Sample #:	045	**Area Examined:**	0.04496 mm²
GRID BOX:	L2 3/6	**Magnification:**	20,000
GRID ID:	10H 5	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	6/15/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.		Structure	Structure Type				Length		ID of Structure N or √				EDS
No	Coord	No	F	B	C	M	>=05 µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	(Nonadb Elements)
10H	L 5 2	NSD											
	2 Q 2	9											
	3 T 2	11											
	4 P 2	12											
10J													

Struct = > 0.5µ > 5:1 Aspect Ratio

√= Positive diffraction pattern properties conforming to laboratory identification criteria observed

√= EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber
B = Bundle (<3 fibers <1 fiber diameter apart
C = Cluster (>3 Intersections)
M = Matrix
NSD = No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded <10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	>5µ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

NYC-WTC_000347334