NYC 9/11 Public Portal Document

ATC Associates

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Attn: Benjamin Sallemi
ATC Associates Inc
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Received: 10/8/02 11:10:00 AM
ATC Group #: 8943
Analysis Date: 10/09/02

Project: DEP Clean-up ATC Project #: 22906-0002
125 Cedar Street, New York, NY

EPA PCMe Method Via Transmission Electron Microscopy

Sample	*Volume*	*Non Asbestos Fibers*	*PCM F/cc*	*Asbestos Type(s)*	*Asbestos Fibers*	*Asbestos % of total*	*EPA PCMe (TEM) F/cc*	*Notes*
PH-01 8943 -1	3850.00	3	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures
PH-02 8943 -2	3840.00	3	0.001	None Detected	0	0	<0.0002	Cellulose -3 Structures
PH-03 8943 -3	3830.00	3	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures
PH-04 8943 -4	3820.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures
PH-05 8943 -5	3810.00	2	0.001	None Detected	0	0	<0.0002	Cellulose -2 Structures
12N-06 8943 -6	3820.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Glass-1 Structure
12N-07 8943 -7	3810.00	9	0.001	None Detected	0	0	<0.0002	Cellulose-9 Structures

MARK PEYSAKHOV
Analyzed by:

MICHAEL A. GORYCKI, Ph.D.
Approved by:

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Analysis performed by ATC Associates Inc. (NY ELAP #10879).

Forty Grid Openings from each of the samples were examined for structures greater than 5µm length and having a length-to-width ratio greater than 3:1

NYC-WTC_000181882 CITY_21MC100_009369695

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EPA PCMe Method Via Transmission Electron Microscopy

Sample	Volume	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	EPA PCMe (TEM) F/cc	Notes
12N-08 8943 -8	3800.00	5	0.001	None Detected	0	0	<0.0002	Cellulose -3 Structures
12N-09 8943 -9	3790.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures
12N-10 8943 -10	3780.00	5	0.001	None Detected	0	0	<0.0002	Cellulose-5 Structures
12SW-11 8943 -11	3760.00	7	0.001	None Detected	0	0	<0.0002	Cellulose -6 Structures,Gypsum-1 Structure
12SW-12 8943 -12	3750.00	1	0.001	None Detected	0	0	<0.0002	Cellulose - 1 Structure
12SW-13 8943 -13	3740.00	6	0.001	None Detected	0	0	<0.0002	Cellulose - 6 Structures
12SE-14 8943 -14	3730.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures
12SE-15 8943 -15	3720.00	1	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Gypsum-1 Structure
12SE-16 8943 -16	3710.00	4	0.001	None Detected	0	0	<0.0002	Cellulose-3 Structures, Gypsum-1 Structure
12SE-17 8943 -17	3700.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures

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NYC-WTC_000181883 CITY_21MC100_009369696

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Received: 10/8/02 11:10:00 AM
ATC Group #: 8943
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Project: DEP Clean-up ATC Project #: 22906-0002
125 Cedar Street, New York, NY

EPA PCMe Method Via Transmission Electron Microscopy

Sample	*Volume*	*Non Asbestos Fibers*	*PCM F/cc*	*Asbestos Type(s)*	*Asbestos Fibers*	*Asbestos % of total*	*EPA PCMe (TEM) F/cc*	*Notes*
12SE-18 *8943 -18*	3690.00	2	0.001	None Detected	0	0	<0.0002	Cellulose -2 Structures
11N-19 *8943 -19*	3660.00	2	0.001	None Detected	0	0	<0.0002	Cellulose-2 Structures
11N-20 *8943 -20*	3650.00	2	0.001	CHRYSOTILE	1	33	0.0002	Cellulose - 1 Structure
11N-21 *8943 -21*	3640.00	1	0.001	None Detected	0	0	<0.0002	Cellulose -1 Structure
11N-22 *8943 -22*	3630.00	3	0.001	None Detected	0	0	<0.0002	Cellulose - 2 Structures, Gypsum-1 Structure
11N-23 *8943 -23*	3620.00	6	0.001	None Detected	0	0	<0.0002	Cellulose -6 Structures
11S-24 *8943 -24*	3630.00	8	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Gypsum-4 Structures, Glass-1 Structure
11S-25 *8943 -25*	3620.00	7	0.001	None Detected	0	0	<0.0002	Cellulose - 6 Structures, Gypsum-1 Structure
11S-26 *8943 -26*	3610.00	2	0.001	None Detected	0	0	<0.0002	Cellulose -2 Structures
11S-27 *8943 -27*	3600.00	2	0.001	None Detected	0	0	<0.0002	Cellulose - 2 Structures

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CITY_21MC100_009369697

NYC-WTC_000181884

NYC 9/11 Public Portal Document

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Project: DEP Clean-up ATC Project #: 22906-0002
125 Cedar Street, New York, NY

Received: 10/8/02 11:10:00 AM
ATC Group #: 8943
Analysis Date: 10/09/02

EPA PCMe Method Via Transmission Electron Microscopy

Sample	Volume	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	EPA PCMe (TEM) F/cc	Notes
11S-28 *8943 -28*	3600.00	6	0.001	None Detected	0	0	<0.0002	Cellulose -6 Structures
10N-29 *8943 -29*	3670.00	2	0.001	None Detected	0	0	<0.0002	Cellulose-2 Structures
10N-30 *8943 -30*	3660.00	3	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures
10N-31 *8943 -31*	3650.00	1	0.001	None Detected	0	0	<0.0002	Cellulose -1 Structure
10N-32 *8943 -32*	3640.00	5	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures, Glass - 1 Structure
10N-33 *8943 -33*	3630.00	4	0.001	None Detected	0	0	<0.0002	Cellulose -4 Structures
10S-34 *8943 -34*	3690.00	2	0.001	None Detected	0	0	<0.0002	Cellulose-2 Structures
10S-35 *8943 -35*	3680.00	2	0.001	None Detected	0	0	<0.0002	Cellulose -2 Structures
10S-36 *8943 -36*	3670.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures
10S-37 *8943 -37*	3660.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures

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CITY_21MC100_009369698

NYC-WTC_000181885

NYC 9/11 Public Portal Document

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Analysis Date: 10/09/02

Project: DEP Clean-up ATC Project #: 22906-0002
125 Cedar Street, New York, NY

EPA PCMe Method Via Transmission Electron Microscopy

Sample	*Volume*	*Non Asbestos Fibers*	*PCM F/cc*	*Asbestos Type(s)*	*Asbestos Fibers*	*Asbestos % of total*	*EPA PCMe (TEM) F/cc*	*Notes*
10S-38 *8943 -38*	3650.00	2	0.001	None Detected	0	0	<0.0002	Cellulose -2 Structures
A-39 *8943 -39*	3680.00	5	0.002	None Detected	0	0	<0.0002	Cellulose - 5 Structures
A-40 *8943 -40*	3660.00	2	0.001	None Detected	0	0	<0.0002	Cellulose -2 Structures
A-41 *8943 -41*	3650.00	4	0.002	None Detected	0	0	<0.0002	Cellulose - 2 Structures, Glass-1 Structure
A-42 *8943 -42*	3640.00	1	0.001	None Detected	0	0	<0.0002	Cellulose - 1 Structure
A-43 *8943 -43*	3660.00	8	0.001	None Detected	0	0	<0.0002	Cellulose - 8 Structures
A-44 *8943 -44*	3610.00	8	0.003	None Detected	0	0	<0.0002	Cellulose - 8 Structures
A-45 *8943 -45*	3620.00	2	0.001	None Detected	0	0	<0.0002	Cellulose - 2 Structures
A-46 *8943 -46*	3640.00	9	0.003	None Detected	0	0	<0.0002	Cellulose -8 Structures, Glass-1 Structure
A-47 *8943 -47*	3650.00	7	0.002	None Detected	0	0	<0.0002	Cellulose-7 Structures

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CITY_21MC100_009369699

NYC-WTC_000181886