

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8230 Fax: (212) 353-8306



Attn: Benjamin Salemi

ATC Associates Inc.

104 East 25th Street

New York NY 10010

Received: 10/9/02 8:00:00 AM

ATC Group #: 8946

Analysis Date: 10/10/02

Fax: (212) 353-3599

Phone: (212) 353-8280

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
A-9N-01 8946 -1	3870.00	5	0.001	None Detected	0	0	<0.0002	Cellulose - 5 Structures
A-9N-02 8946 -2	3860.00	5	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Gypsum - 2 Structures
A-9N-03 8946 -3	3850.00	4	0.001	CHRYSTILE	2	33	0.0004	Cellulose - 2 Structures, Gypsum - 2 Structures
A-9N-04 8946 -4	3840.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Gypsum - 1 Structure
A-9N-05 8946 -5	3830.00	4	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures
A-9S-06 8946 -6	3910.00	7	0.001	CHRYSTILE	1	13	0.0002	Cellulose - 5 Structures, Gypsum - 2 Structures
A-9S-07 8946 -7	3900.00	4	0.002	None Detected	0	0	<0.0002	Cellulose - 1 Structure, Gypsum - 3 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).

Fony 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

Wednesday, October 16, 2002

Page 1 of 6

CITY_21MC100_009369700

Attn: Benjamin Saliemi
 ATC Associates Inc.
 104 East 25th Street
 New York NY 10010

Received: 10/9/02 8:00:00 AM
 ATC Group #: 8946
 Analysis Date: 10/10/02

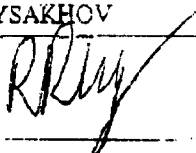
Fax: (212) 353-3599 Phone: (212) 353-8280

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
A-9S-08 8946 -8	3890.00	5	0.001	CHRYSTILE	1	17	0.0002	Cellulose - 2 Structures, Gypsum - 2 Structures, Glass - 1 Structure
A-9S-09 8946 -9	3880.00	7	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures, Gypsum - 1 Structure, Glass - 2 Structures
A-9S-10 8946 -10	3870.00	8	0	None Detected	0	0	<0.0002	Cellulose - 7 Structures, Glass - 1 Structure
A-8N-11 8946 -11	3870.00	12	0.001	None Detected	0	0	<0.0002	Cellulose - 7 Structures, Gypsum - 4 Structures, Glass - 1 Structure
A-8N-12 8946 -12	3860.00	9	0.001	None Detected	0	0	<0.0002	Cellulose - 8 Structures, Gypsum - 2 Structures, Glass - 1 Structure
A-8N-13 8946 -13	3850.00	9	0.001	None Detected	0	0	<0.0002	Cellulose - 6 Structures, Gypsum - 3 Structures
A-8N-14 8946 -14	3840.00	7	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures, Gypsum - 1 Structure, Glass - 2 Structures
A-8N-15 8946 -15	3830.00	11	0.001	None Detected	0	0	<0.0002	Cellulose - 5 Structures, Gypsum - 3 Structures, Glass - 3 Structures
A-8S-16 8946 -16	3850.00	7	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures, Gypsum - 2 Structures, Glass - 1 Structure
A-8S-17 8946 -17	3840.00	9	0.001	None Detected	0	0	<0.0002	Cellulose - 52 Structures, Gypsum - 3 Structures, Glass - 1 Structure

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

Wednesday, October 16, 2002

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CITY_21MC100_009369701

Attn: Benjamin Sallera
ATC Associates Inc.
104 East 25th Street
New York NY 10010

Received: 10/9/02 8:00:00 AM
ATC Group #: 8946
Analysis Date: 10/10/02

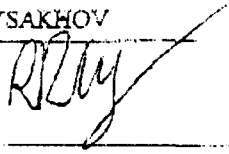
Fax: (212) 353-3599 Phone: (212) 353-8280

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
A-8S-18 8946 -18	3830.00	10	0.002	None Detected	0	0	<0.0002	Cellulose -5 Structures, Gypsum -3 Structures, Glass-2 Structure
A-8S-19 8946 -19	3820.00	5	0.001	None Detected	0	0	<0.0002	Cellulose -4 Structures, Glass -1 Structure
A-8S-20 8946 -20	3810.00	4	0.001	None Detected	0	0	<0.0002	Cellulose -2 Structures, Gypsum -2 Structures
A-7N-21 8946 -21	3820.00	15	0.002	None Detected	0	0	<0.0002	Cellulose -10 Structures, Gypsum -5 Structures
A-7N-22 8946 -22	3810.00	8	0.002	None Detected	0	0	<0.0002	Cellulose -6 Structures, Glass -1 Structure
A-7N-23 8946 -23	3500.00	11	0.001	None Detected	0	0	<0.0002	Cellulose -5 Structures, Gypsum -3 Structures, Glass-3 Structure
A-7N-24 8946 -24	3790.00	9	0.001	CHRYSTILE	1	10	0.0002	Cellulose -6 Structures, Gypsum -2 Structures, Glass-1 Structure
A-7N-25 8946 -25	3780.00	4	0.001	None Detected	0	0	<0.0002	Cellulose -3 Structures, Glass-1 Structure
A-7S-26 8946 -26	3740.00	10	0.001	None Detected	0	0	<0.0002	Cellulose -7 Structures, Gypsum -3 Structures
A-7S-27 8946 -27	3730.00	5	0.001	AMOSITE	2	25	0.0005	Cellulose -2 Structures, Gypsum -3 Structures

MARK PEYSAKHOV

Analyzed by: 

MICHAEL A. GORYCKI, Ph.D.

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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

Wednesday, October 16, 2002

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10/16/2002 15:18 FAX 212 353 8306

ATC

010

Attn: Benjamin Salerna
 ATC Associates Inc.
 104 East 25th Street
 New York NY 10010

Received: 10/9/02 8:00:00 AM
 ATC Group #: 8946
 Analysis Date: 10/10/02

Fax: (212) 353-3599 Phone: (212) 353-8280

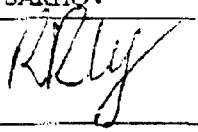
Project: DEP Clean-up ATC Project #: 22906-0002
 125 Cedar Street, New York, NY

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
A-7S-28 8946 -28	3720.00	5	0.001	None Detected	0	0	<0.0002	Cellulose - 4 Structures, Gypsum - 1 Structure
A-7S-29 8946 -29	3710.00	9	0.001	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Gypsum - 5 Structures, Glass - 1 Structure
A-7S-30 8946 -30	3700.00	6	0.001	None Detected	0	0	<0.0002	Cellulose - 5 Structures, Gypsum - 1 Structure
A-6N-31 8946 -31	3790.00	5	0.002	None Detected	0	0	<0.0002	Cellulose - 4 Structures, Gypsum - 1 Structure
A-6N-32 8946 -32	3780.00	16	0.001	None Detected	0	0	<0.0002	Cellulose - 11 Structures, Gypsum - 4 Structures, Glass - 1 Structure
A-6N-33 8946 -33	3770.00	13	0.001	None Detected	0	0	<0.0002	Cellulose - 11 Structures, Gypsum - 2 Structures
A-6N-34 8946 -34	3870.00	9	0	CHRYSTILE	1	10	0.0002	Cellulose - 8 Structures, Gypsum - 1 Structure
A-6N-35 8946 -35	3760.00	10	0.002	None Detected	0	0	<0.0002	Cellulose - 9 Structures, Glass - 1 Structure
A-6S-36 8946 -36	3850.00	10	0.001	None Detected	0	0	<0.0002	Cellulose - 7 Structures, Gypsum - 2 Structures, Glass - 1 Structure
A-6S-37 8946 -37	3840.00	4	0.002	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Glass - 1 Structure

MARK PEYSAKHOV

Analyzed by



MICHAEL A. GORYCKI, Ph.D

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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

Wednesday, October 16, 2002

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CITY_21MC100_009369703

Attn: Benjamin Saliem
 ATC Associates Inc.
 104 East 25th Street
 New York NY 10010

Received: 10/9/02 8:00:00 AM
 ATC Group #: 8946
 Analysis Date: 10/10/02

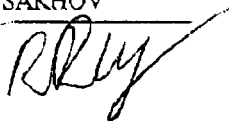
Fax: (212) 353-3599 Phone: (212) 353-8280

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
A-6S-38 8946 -38	3830.00	10	0.001	CHRYSTILE	1	9	0.0002	Cellulose-7 Structures, Gypsum - 3 Structures
A-6S-39 8946 -39	3620.00	6	0.001	None Detected	0	0	<0.0002	Cellulose - 1 Structure, Gypsum - 3 Structures, Glass-2 Structures
A-6S-40 8946 -40	3810.00	10	0.002	CHRYSTILE	2	17	0.0004	Cellulose - 3 Structures, Gypsum - 2 Structures, Glass-5 Structures
A-41 8946 -41	3800.00	12	0.001	CHRYSTILE	1	8	0.0002	Cellulose - 4 Structures, Gypsum - 3 Structures, Glass-5 Structures
A-42 8946 -42	3790.00	7	0.002	None Detected	0	0	<0.0002	Cellulose - 3 Structures, Gypsum - 2 Structures, Glass-2 Structures
A-43 8946 -43	3800.00	11	0.001	None Detected	0	0	<0.0002	Cellulose - 7 Structures, Gypsum - 1 Structure, Glass-3 Structures
A-44 8946 -44	3800.00	15	0.002	CHRYSTILE	1	6	0.0002	Cellulose - 12 Structures, Gypsum - 2 Structures, Glass-1 Structure
A-45 8946 -45	3800.00	16	0.002	None Detected	0	0	<0.0002	Cellulose - 7 Structures, Gypsum - 8 Structures, Glass-1 Structure
A-46 8946 -46	3790.00	18	0.001	None Detected	0	0	<0.0002	Cellulose - 9 Structures, Gypsum - 8 Structures, Glass-1 Structure
A-47 8946 -47	3800.00	13	0.001	None Detected	0	0	<0.0002	Cellulose - 10 Structures, Gypsum - 2 Structures, Glass-1 Structure

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CITY_21MC100_009369704

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104 East 25th Street
New York NY 10010

Received: 10/9/02 8:00:00 AM
ATC Group #: 8946
Analysis Date: 10/10/02

Fax: (212) 353-3599 Phone: (212) 353-8280

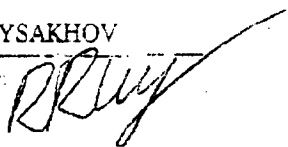
Project: DEP Clean-up ATC Project #: 22906-0002
125 Cedar Street, New York, NY

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
A-48 8946 -48	3800.00	13	0.001	None Detected	0	0	<0.0002	Cellulose -9 Structures, Gypsum -3 Structures, Glass-1 Structure

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Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

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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

Wednesday, October 16, 2002

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CITY_21MC100_009369705