



October 8, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 6th and October 7th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from the following floors:

- October 6th: Trinity Level, Lobby all floors and outside the building.
- October 7th: Trinity Level, Lobby, all floors and outside the building.

All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected from October 5th through October 7th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of fifty-two (52) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

Attach.

E:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-6 and 10-7

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/06/01 5:45 PM
EMSL Order: 030105581
EMSL Project ID:
Analysis Date: 10/7/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ³	Fibers/ cc	Notes
01 030105581-0001	21st Fl West Side	10/6/01	1845.00	12.0	100	0.001	15.29	0.003	
02 030105581-0002	20th Fl West Side	10/6/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
03 030105581-0003	19th Fl West Side	10/6/01	1830.00	6.0	100	0.001	7.64	0.002	
04 030105581-0004	18th Fl West Side	10/6/01	1815.00	<5.5	100	0.001	<7.0	<0.001	
05 030105581-0005	17th Fl West Side	10/6/01	1830.00	10.5	100	0.001	13.38	0.003	
06 030105581-0006	16th Fl West Side	10/6/01	1875.00	<5.5	100	0.001	<7.0	<0.001	
07 030105581-0007	15th Fl West Side	10/6/01	1890.00	<5.5	100	0.001	<7.0	<0.001	
08 030105581-0008	14th Fl West Side	10/6/01	1860.00	30.5	100	0.001	38.85	0.008	
09 030105581-0009	13th Fl West Side	10/6/01	1875.00	<5.5	100	0.001	<7.0	<0.001	
10 030105581-0010	12th Fl West Side	10/6/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
11 030105581-0011	11th Fl West Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
12 030105581-0012	10th Fl West Side	10/6/01	1830.00	<5.5	100	0.001	<7.0	<0.001	

Rey Cross

Analyst

Eoin Bligh
Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm³. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCN-1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

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EMSL Project ID:
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Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030105581-0013	9th Fl West Side	10/6/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
14 030105581-0014	8th Fl West Side	10/6/01	1845.00	<5.5	100	0.001	<7.0	<0.001	
15 030105581-0015	7th Fl West Side	10/6/01	1815.00	6.0	100	0.001	7.64	0.002	
16 030105581-0016	6th Fl West Side	10/6/01	1800.00	9.0	100	0.001	11.46	0.003	
17 030105581-0017	5th Fl West Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
18 030105581-0018	4th Fl West Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
19 030105581-0019	3rd Fl West Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
20 030105581-0020	2nd Fl West Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
21 030105581-0021	Lobby West Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
22 030105581-0022	Trinity Level West Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
23 030105581-0023	Outside Bldg East Side	10/6/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
24 030105581-0024	Field Blank	10/6/01	0.00	<5.5	100		<7.0		Field Blank

Rey Cross

Analyst


 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
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PCM 1

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EMSL Project ID:
Analysis Date: 10/7/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
25	Field Blank	10/6/01	0.00	<5.5	100		<7.0		Field Blank
030105581-0025									
26	Field Blank	10/6/01	0.00	<5.5	100		<7.0		Field Blank
030105581-0026									

Rey Cross

Analyst

Emin Blaz
Laboratory Manager
or other approved signatory

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Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 BROADWAY/ENTIRE BLDG

Customer ID: CTSI50
Customer PO:
Received: 10/07/01 3:00 PM
EMSL Order: 030105622
EMSL Project ID:
Analysis Date: 10/7/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030105622-0001	21ST FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
02 030105622-0002	20TH FLR CENTER	10/7/01	1800.00	9.5	100	0.001	12.1	0.003	
03 030105622-0003	19TH FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
04 030105622-0004	18TH FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
05 030105622-0005	17TH FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
06 030105622-0006	16TH FLR CENTER	10/7/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
07 030105622-0007	15TH FLR CENTER	10/7/01	1815.00	<5.5	100	0.001	<7.0	<0.001	
08 030105622-0008	14TH FLR CENTER	10/7/01	1815.00	<5.5	100	0.001	<7.0	<0.001	
09 030105622-0009	13TH FLR CENTER	10/7/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
10 030105622-0010	12TH FLR CENTER	10/7/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
11 030105622-0011	11TH FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
12 030105622-0012	2ND FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	

Analyst

Elin B. G. B.
Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11508)

PCM 1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 BROADWAY/ENTIRE BLDG

Customer ID: CTSI50
Customer PO:
Received: 10/07/01 3:00 PM
EMSL Order: 030105622
EMSL Project ID:
Analysis Date: 10/7/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030105622-0013	3RD FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
14 030105622-0014	4TH FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
15 030105622-0015	5TH FLR CENTER	10/7/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
16 030105622-0016	6TH FLR CENTER	10/7/01	1845.00	<5.5	100	0.001	<7.0	<0.001	
17 030105622-0017	7TH FLR CENTER	10/7/01	1800.00	7.0	100	0.001	8.92	0.002	
18 030105622-0018	8TH FLR CENTER	10/7/01	1800.00	6.0	100	0.001	7.64	0.002	
19 030105622-0019	9TH FLR CENTER	10/7/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
20 030105622-0020	10TH FLR CENTER	10/7/01	1815.00	<5.5	100	0.001	<7.0	<0.001	
21 030105622-0021	LOBBY CENTER	10/7/01	1725.00	15.0	100	0.002	19.11	0.004	
22 030105622-0022	TRINITY LEVEL CENTER	10/7/01	1725.00	10.5	100	0.002	13.38	0.003	
23 030105622-0023	OUTSIDE BLDG BY ENTRANCE	10/7/01	1725.00	22.5	100	0.002	28.66	0.006	
24 030105622-0024	BLANK	10/7/01	0.00	<5.5	100		<7.0		Field Blank

Analyst

*Eric B. B.*Laboratory Manager
or other approved signatory

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622 Georges Rd.
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Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 BROADWAY/ENTIRE BLDG

Customer ID: CTSI50
Customer PO:
Received: 10/07/01 3:00 PM
EMSL Order: 030105622
EMSL Project ID:
Analysis Date: 10/7/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
25	BLANK	10/7/01	0.00	<5.5	100		<7.0		Field Blank
030105622-0025									
26	BLANK	10/7/01	0.00	<5.5	100		<7.0		Field Blank
030105622-0026									

AnalystLaboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11508)

PCM-1

3



October 9, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 8th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from outside the building, Lobby, Trinity Level and all floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 8th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twenty-six (26) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-6 and 10-7

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/08/01 5:30 PM
EMSL Order: 030105675
EMSL Project ID:
Analysis Date: 10/9/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030105675-0001	21st Fl East side	10/8/01	1875.00	15.0	100	0.001	19.11	0.004	
02 030105675-0002	20th Fl East side	10/8/01	1890.00	<5.5	100	0.001	<7.0	<0.001	
03 030105675-0003	19th Fl East side	10/8/01	1875.00	<5.5	100	0.001	<7.0	<0.001	
04 030105675-0004	18th Fl East side	10/8/01	1875.00	<5.5	100	0.001	<7.0	<0.001	
05 030105675-0005	17th Fl East side	10/8/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
06 030105675-0006	16th Fl East side	10/8/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
07 030105675-0007	15th Fl East side	10/8/01	1845.00	6.0	100	0.001	7.64	0.002	
08 030105675-0008	14th Fl East side	10/8/01	1845.00	9.0	100	0.001	11.46	0.002	
09 030105675-0009	13th Fl East side	10/8/01	1830.00	7.0	100	0.001	8.92	0.002	
10 030105675-0010	12th Fl East side	10/8/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
11 030105675-0011	Lobby Level East side	10/8/01	1800.00	16.0	100	0.001	20.38	0.004	
12 030105675-0012	Outside	10/8/01	1800.00	19.0	100	0.001	24.2	0.005	

Analyst

Eric B. Gial
Laboratory Manager
or other approved signatory

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New York Lab

307 West 38th Street, New York, NY 10018

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EMSL

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622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/08/01 5:30 PM
EMSL Order: 030105675
EMSL Project ID:
Analysis Date: 10/9/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030105675-0013	Trinity Level East side	10/8/01	1725.00	10.0	100	0.002	12.74	0.003	
14 030105675-0014	11th FI East side	10/8/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
15 030105675-0015	10th FI East side	10/8/01	1800.00	7.0	100	0.001	8.92	0.002	
16 030105675-0016	9th FI East side	10/8/01	1815.00	6.0	100	0.001	7.64	0.002	
17 030105675-0017	8th FI East side	10/8/01	1800.00	6.0	100	0.001	7.64	0.002	
18 030105675-0018	7th FI East side	10/8/01	1800.00	6.0	100	0.001	7.64	0.002	
19 030105675-0019	6th FI East side	10/8/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
20 030105675-0020	5th FI East side	10/8/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
21 030105675-0021	4th FI East side	10/8/01	1845.00	<5.5	100	0.001	<7.0	<0.001	
22 030105675-0022	3rd FI East side	10/8/01	1845.00	<5.5	100	0.001	<7.0	<0.001	
23 030105675-0023	2nd FI East side	10/8/01	1845.00	6.0	100	0.001	7.64	0.002	
24 030105675-0024	Blank	10/8/01	0.00	<5.5	100		<7.0		Field Blank

Analyst

Eric B. B...
Laboratory Manager
or other approved signatory

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PCM1

2

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EMSL

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 622 Georges Rd.
 North Brunswick, NJ 08902
 Fax: (732) 729-1803 Phone: 732-729-1800
 Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
 Customer PO:
 Received: 10/08/01 5:30 PM
 EMSL Order: 030105675
 EMSL Project ID:
 Analysis Date: 10/9/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
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030105675-0025									
26	Blank	10/8/01	0.00	<5.5	100		<7.0		Field Blank
030105675-0026									

Analyst

Evin B. [Signature]
 Laboratory Manager
 or other approved signatory

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PCM1

3



October 10, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

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Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-9

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EMSL

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622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/09/01 5:10 PM
EMSL Order: 030105844
EMSL Project ID:
Analysis Date: 10/10/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01	21st FI / West Side	10/9/2001	1800.00	11.0	100	0.001	14.01	0.003	
030105844-0001									
02	20th FI / West Side	10/9/2001	1800.00	7.0	100	0.001	8.92	0.002	
030105844-0002									
03	19th FI / West Side	10/9/2001	1800.00	12.0	100	0.001	15.29	0.003	
030105844-0003									
04	18th FI / West Side	10/9/2001	1800.00	9.0	100	0.001	11.46	0.003	
030105844-0004									
05	17th FI / West Side	10/9/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030105844-0005									
06	16th FI / West Side	10/9/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030105844-0006									
07	15th FI / West Side	10/9/2001	1800.00	6.0	100	0.001	7.64	0.002	
030105844-0007									
08	14th FI / West Side	10/9/2001	1800.00	16.0	100	0.001	20.38	0.004	
030105844-0008									
09	13th FI / West Side	10/9/2001	1800.00	8.0	100	0.001	10.19	0.002	
030105844-0009									
10	12th FI / West Side	10/9/2001	1800.00	6.0	100	0.001	7.64	0.002	
030105844-0010									
11	11th FI / West Side	10/9/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030105844-0011									
12	10th FI / West Side	10/9/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030105844-0012									

Analyst

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11508)

ACM-

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/09/01 5:10 PM
EMSL Order: 030105844
EMSL Project ID:
Analysis Date: 10/10/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030105844-0013	9th Fl / West Side	10/9/2001	1800.00	7.0	100	0.001	8.92	0.002	
14 030105844-0014	8th Fl / West Side	10/9/2001	1800.00	8.5	100	0.001	10.83	0.002	
15 030105844-0015	7th Fl / West Side	10/9/2001	1800.00	10.0	100	0.001	12.74	0.003	
16 030105844-0016	6th Fl / West Side	10/9/2001	1800.00	15.0	100	0.001	19.11	0.004	
17 030105844-0017	5th Fl / West Side	10/9/2001	1800.00	16.0	100	0.001	20.38	0.004	
18 030105844-0018	4th Fl / West Side	10/9/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
19 030105844-0019	3rd Fl / West Side	10/9/2001	1800.00	7.0	100	0.001	8.92	0.002	
20 030105844-0020	2nd Fl / West Side	10/9/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
21 030105844-0021	Lobby / West Side	10/9/2001	1800.00	6.0	100	0.001	7.64	0.002	
22 030105844-0022	Trinity Level / West Side	10/9/2001	1800.00	11.0	100	0.001	14.01	0.003	
23 030105844-0023	Outside Bldg	10/9/2001	1800.00	6.0	100	0.001	7.64	0.002	
24 030105844-0024	Blank	10/9/2001	0.00	<5.5	100		<7.0		Field Blank

Analyst

Eric Blaz
Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/09/01 5:10 PM
EMSL Order: 030105844
EMSL Project ID:
Analysis Date: 10/10/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
25	Blank	10/9/2001	0.00	<5.5	100		<7.0		Field Blank
030105844-0025									
26	Blank	10/9/2001	0.00	<5.5	100		<7.0		Field Blank
030105844-0026									

Analyst

E. B. B.

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)



October 12, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 10th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from outside the building, Lobby, Trinity Level and all floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 10th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twenty-six (26) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-9

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway/All Floors

Customer ID: CTSI50
Customer PO:
Received: 10/10/01 11:30 PM
EMSL Order: 030105936
EMSL Project ID:
Analysis Date: 10/11/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030105936-0001	20th Floor in the middle	10/10/01	1950.00	12.0	100	0.001	15.29	0.003	
02 030105936-0002	17th Floor in the middle	10/10/01	1935.00	14.0	100	0.001	17.83	0.004	
03 030105936-0003	15th Floor in the middle	10/10/01	1935.00	8.0	100	0.001	10.19	0.002	
04 030105936-0004	12th Floor in the middle	10/10/01	1935.00	6.0	100	0.001	7.64	0.002	
05 030105936-0005	11th Floor in the middle	10/10/01	1920.00	13.0	100	0.001	16.56	0.003	
06 030105936-0006	5th Floor in the middle	10/10/01	1860.00	8.0	100	0.001	10.19	0.002	
07 030105936-0007	6th Floor in the middle	10/10/01	1895.00	11.0	100	0.001	14.01	0.003	
08 030105936-0008	4th Floor in the middle	10/10/01	1845.00	7.0	100	0.001	8.92	0.002	
09 030105936-0009	3rd Floor in the middle	10/10/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
10 030105936-0010	2nd Floor in the middle	10/10/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
11 030105936-0011	Lobby	10/10/01	1830.00	6.0	100	0.001	7.64	0.002	
12 030105936-0012	Trinity Level	10/10/01	1830.00	8.0	100	0.001	10.19	0.002	

Analyst

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway/All Floors

Customer ID: CTSI50
Customer PO:
Received: 10/10/01 11:30 PM
EMSL Order: 030105936
EMSL Project ID:
Analysis Date: 10/11/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030105936-0013	Outside of Building #111	10/10/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
14 030105936-0014	19th Floor in the middle	10/10/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
15 030105936-0015	16th Floor in the middle	10/10/01	1800.00	10.0	100	0.001	12.74	0.003	
16 030105936-0016	21st Floor in the middle	10/10/01	1800.00	15.0	100	0.001	19.11	0.004	
17 030105936-0017	18th Floor in the middle	10/10/01	1785.00	6.0	100	0.002	7.64	<0.002	
18 030105936-0018	14th Floor in the middle	10/10/01	1785.00	13.0	100	0.002	16.56	0.004	
19 030105936-0019	13th Floor in the middle	10/10/01	1785.00	8.0	100	0.002	10.19	0.002	
20 030105936-0020	7th Floor in the middle	10/10/01	1950.00	<5.5	100	0.001	<7.0	<0.001	
21 030105936-0021	8th Floor in the middle	10/10/01	1980.00	<5.5	100	0.001	<7.0	<0.001	
22 030105936-0022	9th Floor in the middle	10/10/01	1980.00	<5.5	100	0.001	<7.0	<0.001	
23 030105936-0023	10th Floor in the middle	10/10/01	1980.00	<5.5	100	0.001	<7.0	<0.001	
24 030105936-0024	Blank	10/10/01	0.00	<5.5	100		<7.0		Field Blank

Analyst

E. B. B.
Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway/All Floors

Customer ID: CTSI50
Customer PO:
Received: 10/10/01 11:30 PM
EMSL Order: 030105936
EMSL Project ID:
Analysis Date: 10/11/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
25	Blank	10/10/01	0.00	<5.5	100		<7.0		Field Blank
030105936-0025									
26	Blank	10/10/01	0.00	<5.5	100		<7.0		Field Blank
030105936-0026									

Analyst

Eric Blum

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)



October 12, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 11th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from outside the building, Lobby, Trinity Level and all floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 11th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twenty-six (26) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

F:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-11

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway/Entire Building

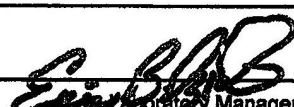
Customer ID: CTSI50
Customer PO:
Received: 10/11/01 10:43 AM
EMSL Order: 030106041
EMSL Project ID:
Analysis Date: 10/12/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01	21st Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0001									
02	20th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0002									
03	19th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0003									
04	18th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0004									
05	17th Fl. East Side	10/12/01	1800.00	7.0	100	0.001	8.92	0.002	
030106041-0005									
06	16th Fl. East Side	10/12/01	1800.00	8.0	100	0.001	10.19	0.002	
030106041-0006									
07	15th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0007									
08	14th Fl. East Side	10/12/01	1800.00	11.0	100	0.001	14.01	0.003	
030106041-0008									
09	13th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0009									
10	12th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0010									
11	11th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0011									
12	10th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0012									

Dawnette Branson

Analyst


 Erin B. B. B. Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM 1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900053 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway/Entire Building

Customer ID: CTSI50
Customer PO:
Received: 10/11/01 10:43 AM
EMSL Order: 030106041
EMSL Project ID:
Analysis Date: 10/12/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	9th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0013									
14	8th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0014									
15	7th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0015									
16	6th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0016									
17	5th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0017									
18	4th Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0018									
19	3rd Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0019									
20	2nd Fl. East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0020									
21	Lobby East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0021									
22	Trinity Level East Side	10/12/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106041-0022									
23	Outside Bldg	10/12/01	1800.00	11.0	100	0.001	14.01	0.003	
030106041-0023									
24	Field Blank	10/12/01	0.00	<5.5	100		<7.0		Field Blank
030106041-0024									

Dawnette Branson

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11606)

PCM 1

2


 EMSL
New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
 622 Georges Rd.
 North Brunswick, NJ 08902
 Fax: (732) 729-1803 Phone: 732-729-1800
 Project: 111 Broadway/Entire Building

Customer ID: CTSI50
 Customer PO:
 Received: 10/11/01 10:43 AM
 EMSL Order: 030106041
 EMSL Project ID:
 Analysis Date: 10/12/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
25	Field Blank	10/12/01	0.00	<5.5	100		<7.0		Field Blank
030106041-0025									
26	Field Blank	10/12/01	0.00	<5.5	100		<7.0		Field Blank
030106041-0026									

Dawnette Branson

Analyst



 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
 Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM1



October 15, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 12th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from outside the building, Lobby, Trinity Level and all floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 12th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twenty-six (26) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-12

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / All floors

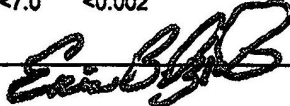
Customer ID: CTSI50
Customer PO:
Received: 10/12/01 6:30 PM
EMSL Order: 030106083
EMSL Project ID:
Analysis Date: 10/13/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106083-0001	Trinity level in the middle	10/12/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
02 030106083-0002	Lobby in the middle	10/12/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
03 030106083-0003	Outside of Bldg #111	10/12/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
04 030106083-0004	2 fl in the middle	10/12/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
05 030106083-0005	3 fl in the middle	10/12/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
06 030106083-0006	5 fl in the middle	10/12/2001	1815.00	10.0	100	0.001	12.74	0.003	
07 030106083-0007	6 fl in the middle	10/12/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
08 030106083-0008	7 fl in the middle	10/12/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
09 030106083-0009	8 fl in the middle	10/12/2001	1785.00	<5.5	100	0.002	<7.0	<0.002	
10 030106083-0010	9 fl in the middle	10/12/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
11 030106083-0011	10 fl in the middle	10/12/2001	1770.00	<5.5	100	0.002	<7.0	<0.002	
12 030106083-0012	11 fl in the middle	10/12/2001	1170.00	<5.5	100	0.002	<7.0	<0.002	

Rey Cross

Analyst


Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / All floors

Customer ID: CTSI50
Customer PO:
Received: 10/12/01 6:30 PM
EMSL Order: 030106083
EMSL Project ID:
Analysis Date: 10/13/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	12 fl in the middle	10/12/2001	1680.00	<5.5	100	0.002	<7.0	<0.002	
030106083-0013									
14	13 fl in the middle	10/12/2001	1665.00	<5.5	100	0.002	<7.0	<0.002	
030106083-0014									
15	14 fl in the middle	10/12/2001	1650.00	14.0	100	0.002	17.83	0.004	
030106083-0015									
16	15 fl in the middle	10/12/2001	1665.00	<5.5	100	0.002	<7.0	<0.002	
030106083-0016									
17	4 fl in the middle	10/12/2001	1650.00	<5.5	100	0.002	<7.0	<0.002	
030106083-0017									
18	16 fl in the middle	10/12/2001	1695.00	<5.5	100	0.002	<7.0	<0.002	
030106083-0018									
19	17 fl in the middle	10/12/2001	1875.00	<5.5	100	0.001	<7.0	<0.001	
030106083-0019									
20	18 fl in the middle	10/12/2001	1875.00	<5.5	100	0.001	<7.0	<0.001	
030106083-0020									
21	19 fl in the middle	10/12/2001	1860.00	<5.5	100	0.001	<7.0	<0.001	
030106083-0021									
22	20 fl in the middle	10/12/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
030106083-0022									
23	21 fl in the middle	10/12/2001	1830.00	7.0	100	0.001	8.92	0.002	
030106083-0023									
24	Blank	10/12/2001	0.00	<5.5	100		<7.0		Field Blank
030106083-0024									

Rey Cross

Analyst

Eric Blab

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / All floors

Customer ID: CTSI50
Customer PO:
Received: 10/12/01 6:30 PM
EMSL Order: 030106083
EMSL Project ID:
Analysis Date: 10/13/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
25	Blank	10/12/2001	0.00	<5.5	100		<7.0		Field Blank
030106083-0025									
26	Blank	10/12/2001	0.00	<5.5	100		<7.0		Field Blank
030106083-0026									

Rey Cross

Analyst

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM 1



October 15, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 13th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from lobby, 2nd, 4th, 5th, 7th, 12th, 15th, 18th, 19th and 21st floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 13th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twelve (12) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

E:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-13

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway Entire Bldg

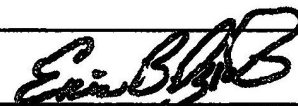
Customer ID: CTSI50
Customer PO:
Received: 10/13/01 7:30 PM
EMSL Order: 030106171
EMSL Project ID:
Analysis Date: 10/14/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01	Lobby	10/13/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0001									
02	2nd Floor	10/13/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0002									
03	4th Floor	10/13/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0003									
04	5th Floor	10/13/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0004									
05	7th Floor	10/13/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0005									
06	12th Floor	10/13/01	2160.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0006									
07	15th Floor	10/13/01	2160.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0007									
08	18th Floor	10/13/01	2160.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0008									
09	19th Floor	10/13/01	2070.00	<5.5	100	0.001	<7.0	<0.001	
030106171-0009									
10	21st Floor	10/13/01	2085.00	7.0	100	0.001	8.92	0.002	
030106171-0010									
11	Field Blank	10/13/01	0.00	<5.5	100		<7.0		Field Blank
030106171-0011									
12	Field Blank	10/13/01	0.00	<5.5	100		<7.0		Field Blank
030106171-0012									

Rey Cross

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)



October 15, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 14th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from the 2nd through 21st floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 14th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twenty-two (22) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

L:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-14

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway Entire Bldg.

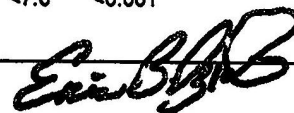
Customer ID: CTSI50
Customer PO:
Received: 10/14/01 2:30 PM
EMSL Order: 030106204
EMSL Project ID:
Analysis Date: 10/14/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106204-0001	21st Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
02 030106204-0002	20th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
03 030106204-0003	19th Floor	10/14/2001	1845.00	5.5	100	0.001	7.01	0.002	
04 030106204-0004	18th Floor	10/14/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
05 030106204-0005	17th Floor	10/14/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
06 030106204-0006	16th Floor	10/14/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
07 030106204-0007	15th Floor	10/14/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
08 030106204-0008	14th Floor	10/14/2001	1860.00	<5.5	100	0.001	<7.0	<0.001	
09 030106204-0009	13th Floor	10/14/2001	1860.00	<5.5	100	0.001	<7.0	<0.001	
10 030106204-0010	12th Floor	10/14/2001	1860.00	<5.5	100	0.001	<7.0	<0.001	
11 030106204-0011	11th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
12 030106204-0012	10th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	

George Bobie

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm³. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM 1

EMSL**New York Lab**

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway Entire Bldg.

Customer ID: CTSI50
Customer PO:
Received: 10/14/01 2:30 PM
EMSL Order: 030106204
EMSL Project ID:
Analysis Date: 10/14/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	9th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106204-0013									
14	8th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106204-0014									
15	7th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106204-0015									
16	6th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106204-0016									
17	5th Floor	10/14/2001	1800.00	7.0	100	0.001	8.92	0.002	
030106204-0017									
18	4th Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106204-0018									
19	3rd Floor	10/14/2001	1800.00	8.0	100	0.001	10.19	0.002	
030106204-0019									
20	2nd Floor	10/14/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106204-0020									
21	Field Blank	10/14/2001	0.00	<5.5	100		<7.0		Field Blank
030106204-0021									
22	Field Blank	10/14/2001	0.00	<5.5	100		<7.0		Field Blank
030106204-0022									

George Bobie

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm³. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM 1



October 15, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 15th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from the Lobby, Trinity Level and floors 5 through 21. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 15th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twenty-one (21) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-15

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/15/01 5:45 PM
EMSL Order: 030106253
EMSL Project ID:
Analysis Date: 10/16/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106253-0001	Lobby East side	10/15/01	2250.00	10.5	100	0.001	13.38	0.002	
02 030106253-0002	Trinity Level East side	10/15/01	2250.00	6.0	100	0.001	7.64	0.001	
03 030106253-0003	21st Floor West side	10/15/01	2220.00	22.0	100	0.001	28.03	0.005	
04 030106253-0004	20th Floor Elevator lobby	10/15/01	2235.00	13.0	100	0.001	16.56	0.003	
05 030106253-0005	18th Floor South side	10/15/01	2205.00	8.0	100	0.001	10.19	0.002	
06 030106253-0006	17th Floor Corridor S- E	10/15/01	2200.00	6.0	100	0.001	7.64	0.001	
07 030106253-0007	13th Floor SW side	10/15/01	2250.00	9.0	100	0.001	11.46	0.002	
08 030106253-0008	15th Floor SE side	10/15/01	2250.00	9.0	100	0.001	11.46	0.002	
09 030106253-0009	16th Floor West side	10/15/01	2250.00	12.0	100	0.001	15.29	0.003	
10 030106253-0010	19th Floor Elevator lobby	10/15/01	1875.00	11.0	100	0.001	14.01	0.003	
11 030106253-0011	16th Floor Middle	10/15/01	1875.00	7.0	100	0.001	8.92	0.002	
12 030106253-0012	12th Floor S-E side	10/15/01	1860.00	9.0	100	0.001	11.46	0.002	

Analyst

Eric B. Guel
Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCN-1

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/15/01 5:45 PM
EMSL Order: 030106253
EMSL Project ID:
Analysis Date: 10/16/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030106253-0013	11th Floor South side	10/15/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
14 030106253-0014	10th Floor SW side	10/15/01	1845.00	6.0	100	0.001	7.64	0.002	
15 030106253-0015	9th Floor East side	10/15/01	1830.00	8.0	100	0.001	10.19	0.002	
16 030106253-0016	8th Floor SE side	10/15/01	1830.00	6.0	100	0.001	7.64	0.002	
17 030106253-0017	7th Floor North side	10/15/01	1845.00	<5.5	100	0.001	<7.0	<0.001	
18 030106253-0018	6th Floor SW side	10/15/01	1845.00	<5.5	100	0.001	<7.0	<0.001	
19 030106253-0019	5th Floor NE side	10/15/01	1830.00	<5.5	100	0.001	<7.0	<0.001	
20 030106253-0020	Blank	10/15/01	0.00	<5.5	100		<7.0		Field Blank
21 030106253-0021	Blank	10/15/01	0.00	<5.5	100		<7.0		Field Blank

Analyst

Eric B. Bial
Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM-1



October 18, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 16th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from the Lobby and all floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 16th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). Total of twenty-two (22) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

E:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-16

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0061 Fax: 212-290-0063 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway-Entire Building

Customer ID: CTSI50
Customer PO:
Received: 10/16/01 4:30 PM
EMSL Order: 030106365
EMSL Project ID:
Analysis Date: 10/17/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01	21st Fl. S-E Side	10/16/01							Overloaded
030106365-0001									
02	20th Fl. South Side	10/16/01	2175.00	8.0	100	0.001	10.19	0.002	
030106365-0002									
03	18th Fl. East Side	10/16/01	2175.00	9.0	100	0.001	11.46	0.002	
030106365-0003									
04	17th Fl. S-E Side	10/16/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106365-0004									
05	16th Fl. Elevator Lobby	10/16/01	2175.00	6.0	100	0.001	7.64	0.001	
030106365-0005									
06	15th Fl. 6' of Fr. Elevator	10/16/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106365-0006									
07	14th Fl. West Side	10/16/01	2175.00	6.5	100	0.001	8.28	0.002	
030106365-0007									
08	13th Fl. Center	10/16/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106365-0008									
09	12th Fl. 8' of Ent "A"	10/16/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106365-0009									
10	11th Fl. N-W Side	10/16/01	2175.00	<5.5	100	0.001	<7.0	<0.001	
030106365-0010									
11	10th Fl. Center	10/16/01	1950.00	11.5	100	0.001	14.65	0.003	
030106365-0011									
12	9th Fl. S-W Side	10/16/01	1950.00	<5.5	100	0.001	<7.0	<0.001	
030106365-0012									

Charmel Dozier

Analyst

Eric Blaz

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 212-290-0058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway-Entire Building

Customer ID: CTSI50
Customer PO:
Received: 10/16/01 4:30 PM
EMSL Order: 030106365
EMSL Project ID:
Analysis Date: 10/17/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030106365-0013	8th Fl. East Side	10/16/01	1950.00	<5.5	100	0.001	<7.0	<0.001	
14 030106365-0014	7th Fl. N-E Side	10/16/01	1920.00	<5.5	100	0.001	<7.0	<0.001	
15 030106365-0015	6th Fl. S-E Side	10/16/01	1905.00	<5.5	100	0.001	<7.0	<0.001	
16 030106365-0016	5th Fl. S-E Side	10/16/01	1905.00	7.0	100	0.001	8.92	0.002	
17 030106365-0017	4th Fl. Center	10/16/01	1890.00	6.0	100	0.001	7.64	0.002	
18 030106365-0018	3rd Fl. Elevator Lobby	10/16/01	1875.00	8.5	100	0.001	10.83	0.002	
19 030106365-0019	2nd Fl. N-E Side	10/16/01	1860.00	<5.5	100	0.001	<7.0	<0.001	
20 030106365-0020	Lobby East Side	10/16/01	1860.00	21.0	100	0.001	26.75	0.005	
21 030106365-0021	Blank	10/16/01	0.00	<5.5	100		<7.0		Field Blank
22 030106365-0022	Blank	10/16/01	0.00	<5.5	100		<7.0		Field Blank

Charmel Dozier

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM-1



October 18, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 17th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 17th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty-two (22) air quality samples were collected.

Although all samples were below the OSHA PEL (<0.1 f/cc), some floors are above the NYC clearance criteria of 0.01 f/cc. The NYC clearance criteria is based upon the above sampling methodology. This methodology is typically used to screen for fibers. The method does not indicate if the fibers are asbestos fibers. This means that cellulose, fiberglass, and other common fibers are counted. When all fiber concentrations are below the clearance criteria, the proportion of asbestos is not important. When the concentrations are above the clearance criteria, additional analytical techniques are required to determine how many, if any, of the fibers found were actually asbestos.

CTSI recommends the samples above 0.01 f/cc be reanalyzed by confirmatory Transmission Electron Microscopy (TEM) methodology to determine if the fibers that were present were asbestos or non-asbestos. The following floors had results >0.01 f/cc: 21st, 20th, 9th, 8th, 6th, 5th and 3rd.

Re-analysis of these samples by TEM will allow clearance of the areas if the excess fibers are non-asbestos. Based upon the observed construction and renovative activities in the building, there is a high probability that the fibers will be non-asbestos.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bwg-clearance\10-17



EMSL**New York Lab**

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / Entire Bldg

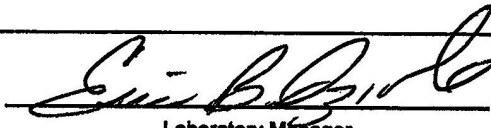
Customer ID: CTSI50
Customer PO:
Received: 10/17/01 3:15 PM
EMSL Order: 030106425
EMSL Project ID:
Analysis Date: 10/17/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106425-0001	21st Fl West side	10/17/2001	1875.00	44.0	100	0.001	56.05	0.012	✓
02 030106425-0002	20th Fl East side	10/17/2001	1875.00	41.0	100	0.001	52.23	0.011	✓
03 030106425-0003	19th Fl N-W side	10/17/2001	1875.00	35.0	100	0.001	44.59	0.009	
04 030106425-0004	18th Fl South side	10/17/2001	1860.00	16.0	100	0.001	20.38	0.004	
05 030106425-0005	17th Fl South side	10/17/2001	1860.00	12.5	100	0.001	15.92	0.003	
06 030106425-0006	16th Fl Center	10/17/2001	1860.00	20.0	100	0.001	25.48	0.005	
07 030106425-0007	15th Fl East side	10/17/2001	1860.00	22.0	100	0.001	28.03	0.006	
08 030106425-0008	16th Fl N-E side	10/17/2001	1845.00	11.5	100	0.001	14.65	0.003	
09 030106425-0009	13th Fl Elevator Lobby	10/17/2001	1860.00	22.0	100	0.001	28.03	0.006	
10 030106425-0010	12th Fl S-W side	10/17/2001	1845.00	16.0	100	0.001	20.38	0.004	
11 030106425-0011	11th Fl East side	10/17/2001	1890.00	9.0	100	0.001	11.46	0.002	
12 030106425-0012	10th Fl Center	10/17/2001	1905.00	14.0	100	0.001	17.83	0.004	

George William

Analyst


 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM-1

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / Entire Bldg

Customer ID: CTSI50
Customer PO:
Received: 10/17/01 3:15 PM
EMSL Order: 030106425
EMSL Project ID:
Analysis Date: 10/17/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030106425-0013	9th FI South side	10/17/2001	1905.00	59.0	100	0.001	75.16	0.015	✓
14 030106425-0014	8th FI S-E side	10/17/2001	1920.00	41.0	100	0.001	52.23	0.011	✓
15 030106425-0015	7th FL North side	10/17/2001	1905.00	36.0	100	0.001	45.86	0.009	
16 030106425-0016	6th FI West side	10/17/2001	1905.00	40.5	100	0.001	51.59	0.010	
17 030106425-0017	5th FI S-W side	10/17/2001	1905.00	47.0	100	0.001	59.87	0.012	✓
18 030106425-0018	4th FI S-E side	10/17/2001	1890.00	21.0	100	0.001	26.75	0.005	
19 030106425-0019	3rd FI East side	10/17/2001	1875.00	38.5	100	0.001	49.04	0.010	
20 030106425-0020	2nd FI N-E side	10/17/2001	1875.00	31.0	100	0.001	39.49	0.008	
21 030106425-0021	Blank	10/17/2001	0.00	<5.5	100		<7.0		Field Blank
22 030106425-0022	Blank	10/17/2001	0.00	<5.5	100		<7.0		Field Blank

George William

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / Entire

Customer ID: CTSI50
Customer PO:
Received: 10/19/01 3:30 PM
EMSL Order: 030106587
EMSL Project ID:
Analysis Date: 10/20/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	9 Floor North Office	10/19/2001	2250.00	5.5	100	0.001	7.01	0.001	
030106587-0001									
14	8 Floor S-E corridor	10/19/2001	2205.00	11.0	100	0.001	14.01	0.002	
030106587-0002									
15	6 Floor S-E	10/19/2001	1976.00	10.0	100	0.001	12.74	0.003	
030106587-0003									
16	5 Floor west corridor	10/19/2001	2250.00	10.5	100	0.001	13.38	0.002	
030106587-0004									
17	2 Floor East corridor	10/19/2001	1500.00	9.0	100	0.002	11.46	0.003	
030106587-0005									
18	Blank	10/19/2001	0.00	<5.5	100		<7.0		Field Blank
030106587-0006									
19	Blank	10/19/2001	0.00	<5.5	100		<7.0		Field Blank
030106587-0007									

Thomas Michel

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM



October 22, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 18th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from Trinity Level, Lobby and the following floors: 2nd, 3rd, 4th, 5th, 6th, 7th, 8th and 9th. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 18th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twelve (12) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

L:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-18

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway Entire Bldg.

Customer ID: CTSI50
Customer PO:
Received: 10/19/01 4:10 AM
EMSL Order: 030106544
EMSL Project ID:
Analysis Date: 10/19/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106544-0001	Trinity Level East Side	10/18/2001	1800.00	20.0	100	0.001	25.48	0.005	
02 030106544-0002	Lobby East Side	10/18/2001	1800.00	9.0	100	0.001	11.46	0.003	
03 030106544-0003	2nd Fl. Center	10/18/2001	1800.00	6.0	100	0.001	7.64	0.002	
04 030106544-0004	3rd Fl. West Side	10/18/2001	1800.00	12.0	100	0.001	15.29	0.003	
05 030106544-0005	4th Fl. S-W Side	10/18/2001	1800.00	6.0	100	0.001	7.64	0.002	
06 030106544-0006	5th Fl. N-W Side	10/18/2001	1800.00	6.0	100	0.001	7.64	0.002	
07 030106544-0007	6th Fl. N-E Side	10/18/2001	1800.00	12.0	100	0.001	15.29	0.003	
08 030106544-0008	7th Fl. Elevator Lobby	10/18/2001	1800.00	7.0	100	0.001	8.92	0.002	
09 030106544-0009	8th Fl. South Side	10/18/2001	1800.00	6.0	100	0.001	7.64	0.002	
10 030106544-0010	9th Fl. North Side	10/18/2001	1800.00	8.0	100	0.001	10.19	0.002	
11 030106544-0011	Field Blank	10/18/2001	0.00	<5.5	100		<7.0		Field Blank
12 030106544-0012	Field Blank	10/18/2001	0.00	<5.5	100		<7.0		Field Blank

Dan Osborne

Analyst


Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM 1

10/20/2001 12:04 212-298-2848

EMSL ANALYTICAL INC

PAGE 01

EMSL

New York Lab

307 West 36th Street, New York, NY 10018

Phone: 212-280-0051 Fax: 212-250-0053 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
 822 Georges Rd.
 North Brunswick, NJ 08902
 Fax: (732) 728-1803 Phone: 732-729-1800
 Project: 111 Broadway / Entire

Customer ID: CTSI50
 Customer PO:
 Received: 10/19/01 3:30 PM
 EMSL Order: 030106557
 EMSL Project ID:
 Analysis Date: 10/20/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	9 Floor North Office	10/19/2001	2250.00	5.5	100	0.001	7.01	0.001	
030106557-0001									
14	8 Floor S-E corridor	10/19/2001	2205.00	11.0	100	0.001	14.01	0.002	
030106557-0002									
15	6 Floor S-E	10/19/2001	1876.00	10.0	100	0.001	12.74	0.003	
030106557-0003									
16	5 Floor west corridor	10/19/2001	2250.00	10.5	100	0.001	13.38	0.002	
030106557-0004									
17	2 Floor East corridor	10/19/2001	1500.00	9.0	100	0.002	11.46	0.003	
030106557-0005									
18	Blank	10/19/2001	0.00	<6.5	100		<7.0		Field Blank
030106557-0006									
19	Blank	10/19/2001	0.00	<6.5	100		<7.0		Field Blank
030106557-0007									

Thomas Michel

Analyst

Eun B. B.

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
 Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCMS



October 22, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 19th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from the following floors: 2nd, 5th, 6th, 8th and 9th. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 19th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of seven (7) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-19

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / 115 Broadway

Customer ID: CTSI50
Customer PO:
Received: 10/04/01 4:00 PM
EMSL Order: 030105417
EMSL Project ID:
Analysis Date: 10/4/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030105417-0001	21ST FL / NW SIDE	10/4/2001	1800.00	8.5	100	0.001	10.83	0.002	
02 030105417-0002	20TH FL / SE SIDE	10/4/2001	1800.00	5.5	100	0.001	7.01	0.002	
03 030105417-0003	17TH FL / WEST SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
04 030105417-0004	16TH FL / NE SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
05 030105417-0005	15TH FL / CENTER	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
06 030105417-0006	18TH FL / SW SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
07 030105417-0007	12TH FL / SOUTH SIDE	10/4/2001	1800.00	6.5	100	0.001	8.28	0.002	
08 030105417-0008	14TH FL / CENTER	10/4/2001	1800.00	12.0	100	0.001	15.29	0.003	
09 030105417-0009	13TH FL / EAST SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
10 030105417-0010	11TH FL / WEST SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
11 030105417-0011	10TH FL / NORTH SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
12 030105417-0012	9TH FL / EAST SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	

Jim Hall

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM1



New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / 115 Broadway

Customer ID: CTSI50
Customer PO:
Received: 10/04/01 4:00 PM
EMSL Order: 030105417
EMSL Project ID:
Analysis Date: 10/4/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030105417-0013	8TH FL / SW SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
14 030105417-0014	7TH FL / NORTH SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
15 030105417-0015	6TH FL / WEST SIDE	10/4/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
16 030105417-0016	BLANK	10/4/2001	0.00	<5.5	100		<7.0		Field Blank
17 030105417-0017	BLANK	10/4/2001	0.00	<5.5	100		<7.0		Field Blank

Jim Hall

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / 115 Broadway

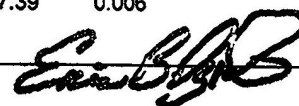
Customer ID: CTSI50
Customer PO:
Received: 10/05/01 4:40 PM
EMSL Order: 030105499
EMSL Project ID:
Analysis Date: 10/5/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030105499-0001	19th Floor-South side #111	10/5/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
02 030105499-0002	5th Floor-North side #111	10/5/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
03 030105499-0003	4th Floor-West side #111	10/5/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
04 030105499-0004	3rd Floor-East side #111	10/5/01	1800.00	19.5	100	0.001	24.84	0.005	
05 030105499-0005	2nd Floor-S-E side #111	10/5/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
06 030105499-0006	Lobby-West side #111	10/5/01	1800.00	18.5	100	0.001	23.57	0.005	
07 030105499-0007	T.L.-East side #111	10/5/01	1800.00	13.0	100	0.001	16.56	0.004	
08 030105499-0008	Basement Center #111	10/5/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
09 030105499-0009	115 Broadway 11th Floor-East side #115	10/5/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
10 030105499-0010	4th Floor-North side #115	10/5/01	2160.00	<5.5	100	0.001	<7.0	<0.001	
11 030105499-0011	3rd Floor-Center #115	10/5/01	1830.00	11.0	100	0.001	14.01	0.003	
12 030105499-0012	2nd Floor-South side #115	10/5/01	1830.00	21.5	100	0.001	27.39	0.006	

Jose Arriaga

Analyst



 Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway / 115 Broadway

Customer ID: CTSI50
Customer PO:
Received: 10/05/01 4:40 PM
EMSL Order: 030105499
EMSL Project ID:
Analysis Date: 10/5/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (flb/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030105499-0013	Lobby-West side #115	10/5/01	1845.00	8.5	100	0.001	10.83	0.002	
14 030105499-0014	Blank	10/5/01	0.00	<5.5	100		<7.0		Field Blank
15 030105499-0015	Blank	10/5/01	0.00	<5.5	100		<7.0		Field Blank

Jose Arriaga

Analyst

Eric Blaz

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM1



October 22, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 20th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 20th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty two (22) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-20

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: CAPITAL PROPERTIES/111 BROADWAY/ENTIRE
BLDG/AQ

Customer ID: CTSI50
Customer PO:
Received: 10/21/01 8:00 AM
EMSL Order: 030106689
EMSL Project ID:
Analysis Date: 10/22/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106689-0001	21 FLR WEST HALLWAY	10/20/01	1920.00	8.5	100	0.001	10.83	0.002	
02 030106689-0002	20 FLR WEST HALLWAY	10/20/01	2160.00	<5.5	100	0.001	<7.0	<0.001	
03 030106689-0003	19 FLR WEST HALLWAY	10/20/01	2040.00	<5.5	100	0.001	<7.0	<0.001	
04 030106689-0004	18 FLR WEST HALLWAY	10/20/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
05 030106689-0005	17 FLR EAST HALLWAY	10/20/01	2178.00	<5.5	100	0.001	<7.0	<0.001	
06 030106689-0006	16 FLR WEST HALLWAY	10/20/01	2178.00	<5.5	100	0.001	<7.0	<0.001	
07 030106689-0007	15 FLR WEST HALLWAY	10/20/01	1920.00	<5.5	100	0.001	<7.0	<0.001	
08 030106689-0008	14 FLR WEST HALLWAY	10/20/01	2178.00	23.5	100	0.001	29.94	0.005	
09 030106689-0009	13 FLR WEST HALLWAY	10/20/01	2160.00	<5.5	100	0.001	<7.0	<0.001	
10 030106689-0010	12 FLR WEST HALLWAY	10/20/01	1936.00	<5.5	100	0.001	<7.0	<0.001	
11 030106689-0011	11 FLR EAST HALLWAY	10/20/01	1680.00	<5.5	100	0.002	<7.0	<0.002	
12 030106689-0012	10 FLR EAST HALLWAY	10/20/01	1815.00	<5.5	100	0.001	<7.0	<0.001	

Charmel Dozier

Analyst


Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

NCM

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0081 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: CAPITAL PROPERTIES/111 BROADWAY/ENTIRE
BLDG/IAQ

Customer ID: CTSI50
Customer PO:
Received: 10/21/01 8:00 AM
EMSL Order: 030106689
EMSL Project ID:
Analysis Date: 10/22/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030106689-0013	9 FLR EAST HALLWAY	10/20/01	1680.00	<5.5	100	0.002	<7.0	<0.002	
14 030106689-0014	8 FLR EAST HALLWAY	10/20/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
15 030106689-0015	7 FLR E. SIDE HALLWAY	10/20/01	1920.00	<5.5	100	0.001	<7.0	<0.001	
16 030106689-0016	6 FLR E. SIDE HALLWAY	10/20/01	1815.00	<5.5	100	0.001	<7.0	<0.001	
17 030106689-0017	5 FLR E. SIDE HALLWAY	10/20/01	1920.00	<5.5	100	0.001	<7.0	<0.001	
18 030106689-0018	4 FLR E. SIDE HALLWAY	10/20/01	1680.00	<5.5	100	0.002	<7.0	<0.002	
19 030106689-0019	3 FLR E. SIDE HALLWAY	10/20/01	1694.00	<5.5	100	0.002	<7.0	<0.002	
20 030106689-0020	2 FLR E. SIDE HALLWAY	10/20/01	2040.00	<5.5	100	0.001	<7.0	<0.001	
21 030106689-0021	BLANK	10/20/01	0.00	<5.5	100		<7.0		Field Blank
22 030106689-0022	BLANK	10/20/01	0.00	<5.5	100		<7.0		Field Blank

Charmel Dozier

Analyst


 Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)



October 23, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 21st, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 21st, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty two (22) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

E:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-21

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway/Entire Bldg/AQ

Customer ID: CTSI50
Customer PO:
Received: 10/21/01 9:10 PM
EMSL Order: 030106706
EMSL Project ID:
Analysis Date: 10/22/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106706-0001	11th Fl-West/Hallway	10/21/2001	1680.00	<5.5	100	0.002	<7.0	<0.002	
02 030106706-0002	10th Fl-West/Hallway	10/21/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
03 030106706-0003	9th Fl-West/Hallway	10/21/2001	1680.00	<5.5	100	0.002	<7.0	<0.002	
04 030106706-0004	8th Fl-West/Hallway	10/21/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
05 030106706-0005	7th Fl-West/Hallway	10/21/2001	1820.00	<5.5	100	0.001	<7.0	<0.001	
06 030106706-0006	6th Fl-West/Hallway	10/21/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
07 030106706-0007	5th Fl-West/Hallway	10/21/2001	1920.00	<5.5	100	0.001	<7.0	<0.001	
08 030106706-0008	4th Fl-East/Hallway	10/21/2001	1680.00	<5.5	100	0.002	<7.0	<0.002	
09 030106706-0009	3rd Fl-East/Hallway	10/21/2001	1694.00	<5.5	100	0.002	<7.0	<0.002	
10 030106706-0010	2nd Fl-East/Hallway	10/21/2001	2054.00	<5.5	100	0.001	<7.0	<0.001	
11 030106706-0011	21st Fl-East/Hallway	10/21/2001	2040.00	<5.5	100	0.001	<7.0	<0.001	
12 030106706-0012	20th Fl-East/Hallway	10/21/2001	1936.00	<5.5	100	0.001	<7.0	<0.001	

Dawnette Branson

Analyst

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11508)

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 Broadway/Entire Bldg/AQ

Customer ID: CTSI50
Customer PO:
Received: 10/21/01 9:10 PM
EMSL Order: 030106706
EMSL Project ID:
Analysis Date: 10/22/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030106706-0013	19th Fl-East/Hallway	10/21/2001	2160.00	<5.5	100	0.001	<7.0	<0.001	
14 030106706-0014	18th Fl-East/Hallway	10/21/2001	2160.00	<5.5	100	0.001	<7.0	<0.001	
15 030106706-0015	17th Fl-West/Hallway	10/21/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
16 030106706-0016	16th Fl-East/Hallway	10/21/2001	1920.00	<5.5	100	0.001	<7.0	<0.001	
17 030106706-0017	15th Fl-East/Hallway	10/21/2001	2160.00	<5.5	100	0.001	<7.0	<0.001	
18 030106706-0018	14th Fl-East/Hallway	10/21/2001	2178.00	<5.5	100	0.001	<7.0	<0.001	
19 030106706-0019	13th Fl-East/Hallway	10/21/2001	1920.00	<5.5	100	0.001	<7.0	<0.001	
20 030106706-0020	12th Fl-East/Hallway	10/21/2001	2160.00	<5.5	100	0.001	<7.0	<0.001	
21 030106706-0021	Blank	10/21/2001	0.00	<5.5	100		<7.0		Field Blank
22 030106706-0022	Blank	10/21/2001	0.00	<5.5	100		<7.0		Field Blank

Dawnette Branson

Analyst

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Manhattan (NY State ELAP #11506)



October 23, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 22nd, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 22nd, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty two (22) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-22

EMSL**New York Lab**

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: Frank Azizov
 CTSI-Consulting & Testing Services, Inc.
 622 Georges Rd.
 North Brunswick, NJ 08902
 Fax: (732) 729-1803 Phone: 732-729-1800
 Project: CAPITOL PROPERTIES / 111 BROADWAY / ENTIRE
 BLDG OF

Customer ID: CTSI50
 Customer PO:
 Received: 10/22/01 10:20 AM
 EMSL Order: 030106770
 EMSL Project ID:
 Analysis Date: 10/23/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030106770-0001	21ST FL / HALLWAY WEST SIDE	10/22/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
02 030106770-0002	20TH FL / EAST SIDE	10/22/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
03 030106770-0003	19TH FL / ELEVATOR LOBBY	10/22/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
04 030106770-0004	18TH FL / SOUTH SIDE	10/22/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
05 030106770-0005	17TH FL / HALLWAY EAST SIDE	10/22/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
06 030106770-0006	16TH FL / NORTH SIDE	10/22/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
07 030106770-0007	15TH FL / EAST SIDE	10/22/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
08 030106770-0008	14TH FL / WEST SIDE	10/22/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
09 030106770-0009	13TH FL / HALLWAY CENTER	10/22/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
10 030106770-0010	12TH FL / 6' OF FR. ELEVATOR	10/22/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
11 030106770-0011	11TH FL / SOUTH SIDE	10/22/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	

Analyst

Eric Blaz
 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
 Analysis performed by EMSL Manhattan (NY State ELAP #11506)

EMSL**New York Lab**

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: Frank Azizov
 CTSI-Consulting & Testing Services, Inc.
 622 Georges Rd.
 North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: CAPITOL PROPERTIES / 111 BROADWAY / ENTIRE
 BLDG OF

Customer ID: CTSI50
 Customer PO:
 Received: 10/22/01 10:20 AM

EMSL Order: 030106770
 EMSL Project ID:

Analysis Date: 10/23/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
12 030106770-0012	10TH FL / HALLWAY EAST SIDE	10/22/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
13 030106770-0013	9TH FL / NORTH SIDE	10/22/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
14 030106770-0014	8TH FL / N-E SIDE	10/22/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
15 030106770-0015	7TH FL / ELEVATOR LOBBY	10/22/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
16 030106770-0016	6TH FL / HALLWAY WEST SIDE	10/22/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
17 030106770-0017	5TH FL / HALLWAY EAST SIDE	10/22/2001	1860.00	<5.5	100	0.001	<7.0	<0.001	
18 030106770-0018	4TH FL / S-E SIDE	10/22/2001	1875.00	<5.5	100	0.001	<7.0	<0.001	
19 030106770-0019	3RD FL / ELEVATOR LOBBY	10/22/2001	1875.00	<5.5	100	0.001	<7.0	<0.001	
20 030106770-0020	2ND FL / N-E SIDE	10/22/2001	1905.00	<5.5	100	0.001	<7.0	<0.001	
21 030106770-0021	BLANK	10/22/2001	0.00	<5.5	100		<7.0		Field Blank
22 030106770-0022	BLANK	10/22/2001	0.00	<5.5	100		<7.0		Field Blank

Analyst

Eric Bligh

Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)



October 24, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 23rd, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 23rd, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty two (22) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearmoe10-23

EMSL**New York Lab**

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway-Entire Bldg.

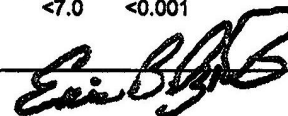
Customer ID: CTSI50
Customer PO:
Received: 10/23/01 8:00 PM
EMSL Order: 030106826
EMSL Project ID:
Analysis Date: 10/24/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01		10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0001									
02	20th Fl. North side	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0002									
03	19th Fl. N-E side	10/23/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0003									
04	18th S-E side	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0004									
05	17th Fl. South side	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0005									
06	16th Fl. East side	10/23/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0006									
07	15th Fl. Elevator Lobby	10/23/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0007									
08	14th Fl. N-W side	10/23/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0008									
09	13th Fl. S-W side	10/23/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0009									
10	12th Fl. Hallway, East side	10/23/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0010									
11	11th Fl. West side	10/23/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0011									
12	10th Fl. North side	10/23/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030106826-0012									

Dawnette Branson

Analyst



 Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM-1

1

EMSL**New York Lab**

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway-Entire Bldg.

Customer ID: CTSI50
Customer PO:
Received: 10/23/01 8:00 PM
EMSL Order: 030106826
EMSL Project ID:
Analysis Date: 10/24/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13 030106826-0013	9th Fl. South side	10/23/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
14 030106826-0014	8th Fl. East side	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
15 030106826-0015	7th Fl. S-E side	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
16 030106826-0016	6th Fl. N-E side	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
17 030106826-0017	5th Fl. West side	10/23/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
18 030106826-0018	4th Fl. N-W side	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
19 030106826-0019	3rd Fl. Elevator Lobby	10/23/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
20 030106826-0020	2nd Fl. N-E side	10/23/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
21 030106826-0021	Blank	10/23/2001	0.00	<5.5	100		<7.0		Field Blank
22 030106826-0022	Blank	10/23/2001	0.00	<5.5	100		<7.0		Field Blank

Dawnette Branson

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCN-1

2



October 25, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 24th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 24th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty two (22) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

L:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-24

EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 111 BROADWAY/ENTIRE BLDG

Customer ID: CTSI50
Customer PO:
Received: 10/24/01 6:45 PM
EMSL Order: 040116583
EMSL Project ID:
Analysis Date: 10/25/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 040116583-0001	11TH FL HALL EAST	10/24/2001	1800.00	15.0	100	0.001	19.11	0.004	
02 040116583-0002	10TH FL ELEV LOBBY	10/24/2001	1800.00	6.0	100	0.001	7.64	0.002	
03 040116583-0003	9TH FL HALL WEST	10/24/2001	1800.00	7.0	100	0.001	8.92	0.002	
04 040116583-0004	8TH FL N-E	10/24/2001	1800.00	8.0	100	0.001	10.19	0.002	
05 040116583-0005	7TH FL N-W	10/24/2001	1815.00	7.0	100	0.001	8.92	0.002	
06 040116583-0006	6TH FL S-W	10/24/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
07 040116583-0007	5TH FL S-E	10/24/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
08 040116583-0008	4TH FL SOUTH	10/24/2001	1800.00	11.0	100	0.001	14.01	0.003	
09 040116583-0009	3RD FL CENTER	10/24/2001	1800.00	6.5	100	0.001	8.28	0.002	
10 040116583-0010	2ND FL NORTH	10/24/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
11 040116583-0011	21ST FL EAST	10/24/2001	1800.00	9.0	100	0.001	11.46	0.003	
12 040116583-0012	20TH FL SOUTH	10/24/2001	1800.00	14.0	100	0.001	17.83	0.004	

Dave Stanhope

Analyst

*Stephen Siegel*Stephen Siegel, CIH
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
Analysis performed by EMSL Westmont (NY State ELAP #10872)

EMSL**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: ssiegel@EMSL.com

Attn: CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 BROADWAY/ENTIRE BLDG

Customer ID: CTSI50
Customer PO:
Received: 10/24/01 6:45 PM
EMSL Order: 040116583
EMSL Project ID:
Analysis Date: 10/25/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	19TH FL S-E	10/24/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
040116583-0013									
14	18TH FL N-W	10/24/2001	1815.00	9.0	100	0.001	11.46	0.002	
040116583-0014									
15	17TH FL S-W	10/24/2001	1815.00	<5.5	100	0.001	<7.0	<0.001	
040116583-0015									
16	16TH FL ELEV LOBBY	10/24/2001	1830.00	11.0	100	0.001	14.01	0.003	
040116583-0016									
17	15TH FL HALL EAST	10/24/2001	1830.00	14.5	100	0.001	18.47	0.004	
040116583-0017									
18	16TH FL WEST	10/24/2001	1830.00	12.0	100	0.001	15.29	0.003	
040116583-0018									
19	13TH FL CENTER	10/24/2001	1830.00	<5.5	100	0.001	<7.0	<0.001	
040116583-0019									
20	12TH FL S-E	10/24/2001	1845.00	<5.5	100	0.001	<7.0	<0.001	
040116583-0020									
21	BLANK	10/24/2001	0.00	<5.5	100		<7.0		Field Blank
040116583-0021									
22	BLANK	10/24/2001	0.00	<5.5	100		<7.0		Field Blank
040116583-0022									

Dave Stanhope

Analyst

*Stephen Siegel*Stephen Siegel, CIH
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Westmont (NY State ELAP #10872)

PCM-



November 6, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On October 31st, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors (except the 3rd). All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on October 31st, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty one (21) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance10-31

EMSL**New York Lab**

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 212-290-0058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
 622 George Rd.
 North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway-Entire Bldg.

Customer ID: CTSI50
 Customer PO:
 Received: 10/31/01 5:22 PM
 EMSL Order: 030107237
 EMSL Project ID:
 Analysis Date: 10/31/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030107237-0001	20 Floor Elevator Lobby	10/31/01	2100.00	7.0	100	0.001	8.92	0.002	
02 030107237-0002	19 Floor Corridor East	10/31/01	2280.00	<5.5	100	0.001	<7.0	<0.001	
03 030107237-0003	18 floor North Constr.	10/31/01	2280.00	6.0	100	0.001	7.64	0.001	
04 030107237-0004	17 Floor South Office	10/31/01	2250.00	<5.5	100	0.001	<7.0	<0.001	
05 030107237-0005	16 Floor Corridor East	10/31/01	2235.00	<5.5	100	0.001	<7.0	<0.001	
06 030107237-0006	15 Floor N-W side	10/31/01	1971.00	<5.5	100	0.001	<7.0	<0.001	
07 030107237-0007	14 Floor South Corridor	10/31/01	1971.00	8.0	100	0.001	10.19	0.002	
08 030107237-0008	13 Floor Corridor Middle	10/31/01	2103.00	<5.5	100	0.001	<7.0	<0.001	
09 030107237-0009	12 Floor East	10/31/01	2030.00	6.5	100	0.001	8.28	0.002	
10 030107237-0010	1st Floor Lobby, East	10/31/01	2550.00	24.0	100	0.001	30.57	0.005	
11 030107237-0011	11 Floor N-E Office	10/31/01	2175.00	7.0	100	0.001	8.92	0.002	
12 030107237-0012	10 Floor Corridor Middle	10/31/01	2250.00	<5.5	100	0.001	<7.0	<0.001	

Ram Yallabandi

Analyst



 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

RCM 1

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0061 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
622 George Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway-Entire Bldg.

Customer ID: CTSI50
Customer PO:
Received: 10/31/01 5:22 PM
EMSL Order: 030107237
EMSL Project ID:
Analysis Date: 10/31/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	9 Floor Corridor East	10/31/01	2100.00	16.0	100	0.001	20.38	0.004	
030107237-0013									
14	8 floor South Office	10/31/01	2250.00	9.0	100	0.001	11.46	0.002	
030107237-0014									
15	7 Floor Corridor West	10/31/01	2235.00	14.0	100	0.001	17.83	0.003	
030107237-0015									
16	6 Floor North Office	10/31/01	2030.00	12.5	100	0.001	15.92	0.003	
030107237-0016									
17	5 Floor Corridor West	10/31/01	2250.00	13.0	100	0.001	16.56	0.003	
030107237-0017									
18	4 Floor South Office	10/31/01	2250.00	<5.5	100	0.001	<7.0	<0.001	
030107237-0018									
19	2 Floor East Office	10/31/01	2250.00	7.0	100	0.001	8.92	0.002	
030107237-0019									
20	Blank	10/31/01	0.00	<5.5	100		<7.0		Field Blank
030107237-0020									
21	Blank	10/31/01	0.00	<5.5	100		<7.0		Field Blank
030107237-0021									

Ram Yallabandi

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)



November 8, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On November 7th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors, Trinity level (east) and the Lobby. All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on November 7th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty four (24) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance11-7

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 George Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / Entire Bldg.

Customer ID: CTSI50
Customer PO:
Received: 11/07/01 4:46 PM
EMSL Order: 030107624
EMSL Project ID:
Analysis Date: 11/7/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01	21 Fl. Corridor East	11/7/2001	2250.00	24.0	100	0.001	30.57	0.005	
030107624-0001									
02	20 Fl. South side Office	11/7/2001	2250.00	8.0	100	0.001	10.19	0.002	
030107624-0002									
03	19 Fl. Corridor South	11/7/2001	2235.00	13.0	100	0.001	16.56	0.003	
030107624-0003									
04	18 Fl. North Construct.	11/7/2001	1950.00	21.0	100	0.001	26.75	0.005	
030107624-0004									
05	17 Fl. Corridor West	11/7/2001	2235.00	7.5	100	0.001	9.55	0.002	
030107624-0005									
06	16 Fl. South Office	11/7/2001	2190.00	<5.5	100	0.001	<7.0	<0.001	
030107624-0006									
07	15 Fl. S-E Office	11/7/2001	2220.00	6.0	100	0.001	7.64	0.001	
030107624-0007									
08	14 Fl. South Construct.	11/7/2001	2130.00	18.0	100	0.001	22.93	0.004	
030107624-0008									
09	13th Fl. Corridor East	11/7/2001	2025.00	13.0	100	0.001	16.56	0.003	
030107624-0009									
10	12 Fl. Corridor West	11/7/2001	1950.00	12.0	100	0.001	15.29	0.003	
030107624-0010									
11	11 Fl. South Office	11/7/2001	1875.00	<5.5	100	0.001	<7.0	<0.001	
030107624-0011									
12	10 Fl. S-E side Office	11/7/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
030107624-0012									

Thomas Michel

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 George Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway / Entire Bldg.

Customer ID: CTSI50
Customer PO:
Received: 11/07/01 4:46 PM
EMSL Order: 030107624
EMSL Project ID:
Analysis Date: 11/7/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	Lobby West side	11/7/2001	1980.00	12.0	100	0.001	15.29	0.003	
030107624-0013									
14	Trinity East	11/7/2001	1950.00	37.0	100	0.001	47.13	0.009	
030107624-0014									
15	9 Fl. Corridor East	11/7/2001	1950.00	<5.5	100	0.001	<7.0	<0.001	
030107624-0015									
16	8 Fl. North Office	11/7/2001	1950.00	10.0	100	0.001	12.74	0.003	
030107624-0016									
17	7 Fl. South Office	11/7/2001	1937.00	8.0	100	0.001	10.19	0.002	
030107624-0017									
18	6 Fl. Office West	11/7/2001	1950.00	12.0	100	0.001	15.29	0.003	
030107624-0018									
19	5 Fl. Corridor West	11/7/2001	1950.00	7.0	100	0.001	8.92	0.002	
030107624-0019									
20	4 Fl. South Office	11/7/2001	1935.00	6.5	100	0.001	8.28	0.002	
030107624-0020									
21	3 Fl. Corridor middle	11/7/2001	1920.00	10.0	100	0.001	12.74	0.003	
030107624-0021									
22	2 Fl. East Office	11/7/2001	1950.00	9.5	100	0.001	12.1	0.002	
030107624-0022									
23	Blank	11/7/2001	0.00	<5.5	100		<7.0		Field Blank
030107624-0023									
24	Blank	11/7/2001	0.00	<5.5	100		<7.0		Field Blank
030107624-0024									

Thomas Michel

Analyst


 Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11508)



November 15, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On November 14th, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors and Trinity level (east). All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on November 14th, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty four (24) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance11-14

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 George Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111-Broadway-Entire Bldg.

Customer ID: CTSI50
Customer PO:
Received: 11/14/01 10:27 PM
EMSL Order: 030108034
EMSL Project ID:
Analysis Date: 11/15/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fibers	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01	21 Fl. S-E side	11/14/2001	2250.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0001									
02	20 Fl. South Office	11/14/2001	2250.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0002									
03	19 Fl. Corridor East	11/14/2001	1924.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0003									
04	18 Fl. South Office	11/14/2001	2190.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0004									
05	17 Fl. North Office	11/14/2001	2175.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0005									
06	16 Fl. South side Office	11/14/2001	2161.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0006									
07	15 Fl. Corridor East	11/14/2001	2175.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0007									
08	14 Fl. Corridor West	11/14/2001	2160.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0008									
09	13 Fl. Corridor West	11/14/2001	2160.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0009									
10	12 Fl. East Office	11/14/2001	2160.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0010									
11	11 Fl. Corridor East	11/14/2001	2130.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0011									
12	10 Fl. South Office	11/14/2001	2130.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0012									

Dawnette Branson

Analyst

Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11508)

PC-1

1

EMSL

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

Attn: CTSI-Consulting & Testing Services, Inc.
 622 George Rd.
 North Brunswick, NJ 08902
 Fax: (732) 729-1803 Phone: 732-729-1800
 Project: 111-Broadway-Entire Bldg.

Customer ID: CTSI50
 Customer PO:
 Received: 11/14/01 10:27 PM
 EMSL Order: 030108034
 EMSL Project ID:
 Analysis Date: 11/15/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	9 Fl. N-E Office	11/14/2001	2100.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0013									
14	8 Fl. S-E Office	11/14/2001	2100.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0014									
15	7 Fl. South Office	11/14/2001	2100.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0015									
16	6 Fl. N-East Office	11/14/2001	2100.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0016									
17	1st Fl. Lobby West	11/14/2001	2100.00	7.0	100	0.001	8.92	0.002	
030108034-0017									
18	Trinity level East	11/14/2001	2100.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0018									
19	5 Fl. Corridor West	11/14/2001	2100.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0019									
20	4 Fl. N-E side	11/14/2001	1820.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0020									
21	3 Fl. West side	11/14/2001	2100.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0021									
22	2 Fl. South Office	11/14/2001	1820.00	<5.5	100	0.001	<7.0	<0.001	
030108034-0022									
23	Blank	11/14/2001	0.00	<5.5	100		<7.0		Field Blank
030108034-0023									
24	Blank	11/14/2001	0.00	<5.5	100		<7.0		Field Blank
030108034-0024									

Dawnette Branson

Analyst



 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
 Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCN-1

2



November 23, 2001

Mr. Kevin Hoey
Property Manager
CAPITAL PROPERTIES
111 Broadway
New York, NY 10006

**RE: ENVIRONMENTAL SAMPLING SERVICES PERFORMED AT
111 BROADWAY, ENTIRE BUILDING, NEW YORK, NY**

Dear Mr. Hoey:

On November 21st, 2001, **Consulting and Testing Services, Inc. (CTSI)** has performed air quality sampling from various floors from the above referenced building.

Air samples were collected as part of building air quality/dust control evaluation from all the floors and Trinity level (east). All samples collected were transported to an independent certified laboratory, **EMSL Analytical**, for analysis. Samples were analyzed utilizing Phase Contrast Microscopy (PCM) Methodology (Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94).

Based on the attached certificate of analysis, the air quality samples collected on November 21st, 2001, indicate fiber counts are within the **Occupational Safety & Health Administration (OSHA)** Permissible Exposure Limit (PEL) of 0.1 f/cc (fibers per cubic centimeter). A total of twenty four (24) air quality samples were collected.

Please feel free to call us with any questions or if you need further information.

Sincerely,

CONSULTING AND TESTING SERVICES, INC.

Frank Salami
President

CC: David Parisier

Attach.

I:\2001\Report\Asbestos\WTC\111-115 Broadway\111Bway-clearance\11-21

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 2122900058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 George Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway

Customer ID: CTSI50
Customer PO:
Received: 11/21/01 5:08 PM
EMSL Order: 030108453
EMSL Project ID:
Analysis Date: 11/21/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
01 030108453-0001	21st fl E side	11/21/01	1800.00	5.5	100	0.001	7.01	0.002	
02 030108453-0002	20th fl elevator lobby	11/21/01	1800.00	7.5	100	0.001	9.55	0.002	
03 030108453-0003	15th fl W side	11/21/01	1680.00	7.5	100	0.002	9.55	0.002	
04 030108453-0004	18th fl lobby / construction	11/21/01	1680.00	7.0	100	0.002	8.92	0.002	
05 030108453-0005	17th W side	11/21/01	1800.00	8.0	100	0.001	10.19	0.002	
06 030108453-0006	16th fl E side	11/21/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
07 030108453-0007	15th fl W side	11/21/01	1560.00	7.0	100	0.002	8.92	0.002	
08 030108453-0008	14th fl W side / construction	11/21/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
09 030108453-0009	12th fl E side	11/21/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
10 030108453-0010	12th fl E side	11/21/01	1440.00	<5.5	100	0.002	<7.0	<0.002	
11 030108453-0011	11th fl elevator lobby	11/21/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
12 030108453-0012	10th fl N side	11/21/01	1800.00	8.5	100	0.001	10.83	0.002	

Charmel Dozier

Analyst



Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.

Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM1

1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 212-290-0058 Email:

EMSL

Attn: CTSI-Consulting & Testing Services, Inc.
622 George Rd.
North Brunswick, NJ 08902

Fax: (732) 729-1803 Phone: 732-729-1800

Project: 111 Broadway

Customer ID: CTSI50
Customer PO:
Received: 11/21/01 5:08 PM
EMSL Order: 030108453
EMSL Project ID:
Analysis Date: 11/21/01

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
13	9th fl N side	11/21/01	1680.00	10.5	100	0.002	13.38	0.003	
030108453-0013									
14	8th fl W side	11/21/01	1680.00	15.5	100	0.002	19.75	0.004	
030108453-0014									
15	7th fl E side	11/21/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030108453-0015									
16	6th fl W side	11/21/01	1800.00	7.0	100	0.001	8.92	0.002	
030108453-0016									
17	5th fl W side	11/21/01	1800.00	7.0	100	0.001	8.92	0.002	
030108453-0017									
18	4th fl W side	11/21/01	1800.00	7.0	100	0.001	8.92	0.002	
030108453-0018									
19	3rd fl elevator lobby	11/21/01	1560.00	5.5	100	0.002	7.01	<0.002	
030108453-0019									
20	2nd fl S side	11/21/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030108453-0020									
21	B' way level / lobby	11/21/01	1680.00	<5.5	100	0.002	<7.0	<0.002	
030108453-0021									
22	Trinity level / lobby	11/21/01	1800.00	<5.5	100	0.001	<7.0	<0.001	
030108453-0022									
23	Field blank	11/21/01	0.00	<5.5	100		<7.0		Field Blank
030108453-0023									
24	Field blank	11/21/01	0.00	<5.5	100		<7.0		Field Blank
030108453-0024									

Charmel Dozier

Analyst



 Laboratory Manager
or other approved signatory

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Analysis performed by EMSL Manhattan (NY State ELAP #11506)