



**OSHA Air Sample Results
During Caulk Abatement**

**The Millennium Hilton Hotel
55 Church Street
New York, New York**

for

**Bovis Lend Lease
200 Park Avenue
New York, New York**

by

**TESTWELL LABORATORIES, INC.
47 Hudson Street
Ossining, NY 10562
(914) 944-2570**

**TESTWELL LABORATORIES, INC.**

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/07/02

Project #: MBO-025AB

Date Rec'd (lab): 02/08/02

Analysis Date: 02/08/02

Analyst: J. Yarrusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical NIOSH 7400

Field Technician: B. Feldman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1	B. Feldman PII	Personal	2353	600	0.0114
				entire building	240
				Total Duration Sampled (min.)	240
				8 hr. Time Weighted Average (TWA)	0.0057
2	B. Gitman PII	Personal	2354	600	0.0638
				entire building	240
				Total Duration Sampled (min.)	240
				8 hr. Time Weighted Average (TWA)	0.0319
3	S. Manukov PII	Personal	2355	600	0.0695
				entire building	240
				Total Duration Sampled (min.)	240
				8 hr. Time Weighted Average (TWA)	0.0348
4	Blank	Blank	2356	0	N/A
5	Blank	Blank	2357	0	N/A

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director



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Analysis Date: 02/08/02

Analyst: J. Yarrusso

Sample Location The Millenium Hilton
55 Church Street
New York, New York

Analytical NIOSH 7400

Field Technician: B. Feldman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1	R. Feldman PII	Personal	2353	600	0.0114
2	B. Gitman PII	Personal	2354	600	0.0638
3	S. Manukov PII	Personal	2355	600	0.0695
4	Blank	Blank	2356	0	N/A
5	Blank	Blank	2357	0	N/A

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client:

BOVIS LEND LEASE

Project Site:

MILLENIVM HILTON

Project Address:

85 CHURCH ST. NY NY

Report to:

Name

Company

Tel/Fax

Date Analyzed:

2/8/02 Analyst: J.Y.

PCM or TEM

Air Sample Data Chain of Custody

Page 1 of 1

Project #:

MBD-0257AB

Date:

2-7-02

Technician:

B. Ferguson

Signature:

B. Ferguson

Rotometer:

13

ANALYSIS: LABORATORY USE ONLY										RESULTS:			
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULERS: f/cc f s/cc	RESULTS: f/mm ² f s/mm ²	
01	b	B. Ferguson	PI	4:00 PM	8:00 PM	240	2.5/2.5	600	2353	1101/100	0.0114	0.0114	
02	↓	B. CITMAN	PI	4:00 PM	8:00 PM	240	2.5/2.5	600	2354	789/100	0.0638	0.0638	
03	↓	S. MANUIKOV	PI	4:00 PM	8:00 PM	240	2.5/2.5	600	2355	8501/100	0.0695	0.0695	
04		Blank							2356	01/100			
05		Blank							2357	01/100			
										1			
										1			
										1			
										1			
										1			
										1			
										1			
										1			
										1			
										1			

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

SAMPLE CODES:

4 - During

5 - Final

6 - Personal/OSHA

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc
02/20/02	03	McTough, Danny	PII	scaffold entire	210	0.0234
02/20/02	08	McTough, Danny		scaffold entire	150	0.0177
				Total Duration Sampled (min.)	360	
				8 hr. Time Weighted Average (TWA)		0.0158
02/20/02	01	Hughes, J.		scaffold entire	210	0.0051
02/20/02	06	Hughes, J.		scaffold entire	150	0.0089
				Total Duration Sampled (min.)	360	
				8 hr. Time Weighted Average (TWA)		0.0050
02/20/02	09	Millan		Engineer	180	0.0060
				Total Duration Sampled (min.)	180	
				8 hr. Time Weighted Average (TWA)		0.0023
02/20/02	02	Salerno, J.		scaffold entire	210	0.0051
02/20/02	07	Salerno, J.		scaffold entire	150	0.0075
				Total Duration Sampled (min.)	360	
				8 hr. Time Weighted Average (TWA)		0.0046
02/20/02	04	Puntillo, J.		Engineer	30	0.0360
02/20/02	05	Puntillo, J.		Engineer	120	0.0090
				Total Duration Sampled (min.)	150	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0045

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.


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Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

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AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	J. Hughs PII	Personal TWA	Scaffold Entire	3241	525	210	0.0051
06Pers	J. Hughs PII	Personal TWA	Scaffold Entire	3245	360	150	0.0089
10	Blank	Blank	Scaffold Entire	3249	0	0	N/A
11	Blank	Blank	N/A	3250	0	0	N/A

Total Duration Sampled (min.)	360
8 hr. Time Weighted Average (TWA)	0.0050

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

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Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: Millennium Hilton Hotel

Project Address: 55 Church, NY, NY

Report to: M. Deane BOVIS (212) 592-6888 + (212) 312-2147

Name

Company

Tel/Fax

Date Analyzed: 2/21/02 Analyst: J.Y.

PCM or TEM

Project #: MBO-025

Date: 2/20/02

Technician: S. MANUKOV

Signature: S. Manukov

Rotometer:

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02_PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/m
01	6	J. Hughes / SCAFFOLD	TWA	7:20	10:50	2:10	2.5/2.5	525	3240	3.5/100	0.0051	
02	6	J. Salerno / SCAFFOLD	TWA	7:22	10:52	2:10	2.5/2.5	525	3241	2.0/100	0.0051	
03	6	D. McTough / SCAFFOLD	TWA	7:25	10:55	2:10	2.5/2.5	525	3242	25.0/100	0.0234	
04	6	J. Puntillo / ENGINEER	STEL	9:00	9:30	30	2.5/2.5	75	3243	1.5/100	0.00360	
05	6	J. Puntillo	TWA	9:30	11:30	120	2.5/2.5	300	3244	2.5/100	0.0090	
06	6	J. Hughes	TWA	10:50	13:00	150	2.5/2.3	360	3245	6.5/100	0.0089	
07	6	J. Salerno	TWA	10:52	13:22	150	2.5/2.3	360	3246	2.0/100	0.0075	
08	6	D. McTough	TWA	10:55	13:25	150	2.5/2.3	360	3247	15.0/100	0.0177	
09	6	J. Millan / ENGINEER	TWA	12:30	15:20	180	2.5/2.5	450	3248	4.5/100	0.0060	
10	-	BLANK							3249	0/100		
11	-	BLANK							3250	0/100		

Relinquished by (signature): S. Manukov

Date/Time: 2/20/02 17:10

Received by (signature): D. Argent

Date/Time: 2/21/02 10:05

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA



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Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	Joe Salerno PII	Personal TWA	Scaffold Entire	3241	525	210	0.0051
07Pers	Joe Salerno PII	Personal TWA	Scaffold Entire	3246	360	150	0.0075
10	Blank	Blank	N/A	3249	0	0	N/A
11	Blank	Blank	N/A	3250	0	0	N/A

Total Duration Sampled (min.) 360

8 hr. Time Weighted Average (TWA)

0.0046

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

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Air Sample Data Chain of Custody

Page 1 of 1

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: BOVIS

Project Site: Milennium Hilton Hotel

Project Address: 55 Church, NY, NY

Report to: M. Deane BOVIS (212) 532-6888 + (212) 312-2147

Tel/Fax

Company

Name

Date Analyzed: 2/21/02 Analyst: J.Y.

PCM or TEM

Project #: MBO-025

Date: 2/20/02

Technician: S. MANUKOV

Signature: S. Man

Rotometer:

ANALYSIS: LABORATORY USE ONLY													RESULTS:		RESULTS:	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION		PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02 PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mf			
01	6	J. Hughes / SCAFFOLD		TWA	7:20	10:50	210	2.5/2.5	525	3240	3.5/100	0.0051				
02	6	J. Salerno / SCAFFOLD		TWA	7:22	10:52	210	2.5/2.5	525	3241	2.0/100	0.0051				
03	6	D. McTough / SCAFFOLD		TWA	7:25	10:55	210	2.5/2.5	525	3242	25.0/100	0.0034				
04	6	J. Puntillo / ENGINEER		STEL	9:00	9:30	30	2.5/2.5	75	3243	1.5/100	0.00360				
05	6	J. Puntillo		TWA	9:30	11:30	120	2.5/2.5	300	3244	2.5/100	0.0090				
06	6	J. Hughes		TWA	10:50	13:20	150	2.5/2.3	360	3245	6.5/100	0.0089				
07	6	J. Salerno		TWA	10:52	13:22	150	2.5/2.3	360	3246	2.0/100	0.0075				
08	6	D. McTough		TWA	10:55	13:25	150	2.5/2.3	360	3247	13.0/100	0.0177				
09	6	J. Willman / ENGINEER		TWA	12:30	15:20	180	2.5/2.5	450	3248	4.5/100	0.0060				
10	-	BLANK								3249	0/100					
11	-	BLANK								3250	0/100					
											/					
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLES:		2 - Background		3 - Pre-Test		6 - Personal/OSHA		
S. Man		2/20/02 17:10		D. Argent		2/21/02 10:05		CODING:		1 - Ambient		4 - During		5 - Final		



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	PCM #	Volume	Duration (min.)	Concentration f/cc
03Pers	Danny McTough PII	Personal TWA	Scaffold Entire	3242	525	210	0.0234
08Pers	Danny McTough PII	Personal TWA	Scaffold Entire	3247	360	150	0.0177
10	Blank	Blank	N/A	3249	0	0	N/A
11	Blank	Blank	N/A	3250	0	0	N/A

Total Duration Sampled (min.)	360
8 hr. Time Weighted Average (TWA)	0.0158

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

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Client: BOVIS

Project Site: Millennium Hilton Hotel

Project Address: 55 Church, NY, NY

Report to: M. Deane BOVIS (212) 592-6888 + (212) 312-2147

Name

Company

Tel/Fax

Date Analyzed: 2/21/02 Analyst: J.Y.

PCM or TEM

Project #: M30-025

Date: 2/20/02

Technician: S. MANUKOV

Signature: S. Manukov

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS:		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02 PCM # TEM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/min² s/m²
01	6	J. Hughes / SCAFFOLD	TWA	7:20	10:50	2:10	2.5/2.5	525	3240	3.5/100	0.0051	
02	6	J. Salerno / SCAFFOLD	TWA	7:22	10:52	2:10	2.5/2.5	525	3241	2.0/100	0.0051	
03	6	D. McTough / SCAFFOLD	TWA	7:25	10:55	2:10	2.5/2.5	525	3242	25.0/100	0.0234	
04	6	J. Puntello / ENGINEER	STEL	9:00	9:30	30	2.5/2.5	75	3243	1.5/100	0.00360	
05	6	J. Puntello	TWA	9:30	11:30	120	2.5/2.5	300	3244	2.5/100	0.0090	
06	6	J. Hughes	TWA	10:50	13:20	150	2.5/2.3	360	3245	6.5/100	0.0089	
07	6	J. Salerno	TWA	10:52	13:22	150	2.5/2.3	360	3246	2.0/100	0.0075	
08	6	D. McTough	TWA	10:55	13:25	150	2.5/2.3	360	3247	13.0/100	0.0177	
09	6	J. Millan / ENGINEER	TWA	12:30	15:20	180	2.5/2.5	450	3248	4.5/100	0.0060	
10	-	BLANK							3249	0/100		
11	-	BLANK							3250	0/100		
										1		
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE CODES:		1 - Ambient 2 - Background 3 - Pre-Test		
S. Manukov		2/20/02 17:10		D. Argent		2/21/02 10:05				4 - During 5 - Final 6 - Personal/OSHIA		

J. Manukov, 2/21/02 4:00


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Analyst: J. Yarusso

Sample Location: The Millenium Hilton

55 Chruch Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
04Pers	Joseph Puntillo PII	Personal STEL	Entire Building	3243	75	30	0.0360
05Pers	Joseph Puntillo PII	Personal TWA	Entire Building	3244	300	120	0.0090
10	Blank	Blank	N/A	3101	0	0	N/A
11	Blank	Blank	N/A	3102	0	0	N/A

Total Duration Sampled (min.)	150
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0045

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

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Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: BOVIS

Project Site: Millennium Hilton Hotel

Project Address: 55 Church, NY, NY

Report to: M. Deane BOVIS (212) 592-6888 + (212) 312-2147

Name

Company

Tel/Fax

Date Analyzed: 2/21/02 Analyst: J.Y.

PCM or TEM

Project #: MBO-025

Date: 2/20/02

Technician: S. MANUKOV

Signature: S. Manukov

Rotometer:

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02_PCM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mi
									TEM #			
01	6	J. Hughes / SCAFFOLD	TWA	7:20	10:50	210	2.5/2.5	525	3240	3.5/100	0.0051	
02	6	J. Salerno / SCAFFOLD	TWA	7:22	10:52	210	2.5/2.5	525	3241	2.0/100	0.0051	
03	6	D. McLough / SCAFFOLD	TWA	7:25	10:55	210	2.5/2.5	525	3242	25.0/100	0.0234	
04	6	J. Puntello / ENGINEER	STEL	9:00	9:30	30	2.5/2.5	75	3243	1.5/100	0.00360	
05	6	J. Puntello	TWA	9:30	11:30	120	2.5/2.5	300	3244	2.5/100	0.0090	
06	6	J. Hughes	TWA	10:50	13:20	150	2.5/2.3	360	3245	6.5/100	0.0089	
07	6	J. Salerno	TWA	10:52	13:22	150	2.5/2.3	360	3246	2.0/100	0.0075	
08	6	D. McLough	TWA	10:55	13:25	150	2.5/2.3	360	3247	13.0/100	0.0177	
09	6	J. Willam / ENGINEER	TWA	12:30	15:20	180	2.5/2.5	450	3248	4.5/100	0.0060	
10	-	BLANK							3249	0/100		
11	-	BLANK							3250	0/100		

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test

CODES: 4 - During 5 - Final 6 - Personal/OSHHA

Relinquished by (signature): S. Manukov

Date/Time: 2/20/02

Received by (signature): D. Argent

Date/Time: 2/21/02

10:05

M. Manukov 2/21/02 4:00


TESTWELL LABORATORIES, INC.
Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
9Pers	J. Millan PII	Personal TWA	Entire Building	3248	450	180	0.0060
10	Blank	Blank	N/A	3249	0	0	N/A
11	Blank	Blank	N/A	3250	0	0	N/A

Total Duration Sampled (min.)	180
8 hr. Time Weighted Average (TWA)	0.0023

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarr - Laboratory Director

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562
TEL (914) 944-2570 FAX (914) 941-4154

Project #: MBO-025
Date: 2/20/02
Technician: S. MANUUKOV
Signature: S. Manuukov
Rotometer: _____

Client: BOVIS
Project Site: Melrose Hotel
Project Address: 55 Church, NY, NY
Report to: M. Deane Bovis (212) 592-6888 + (212) 312-2147
Name _____ Company _____ Tel/Fax _____
Date Analyzed: 2/21/02 Analyst: J.Y. PCM or TEM

ANALYSIS: LABORATORY USE ONLY										RESULTS:		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02 PCM # TEM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² l s/mm
01	6	J. Hughes / SCAFFOLD	TWA	7:20	10:50	210	2.5/2.5	525	3240	3.5/100	0.0051	
02	6	J. Salerno / SCAFFOLD	TWA	7:22	10:52	210	2.5/2.5	525	3241	2.0/100	0.0051	
03	6	D. McTough / SCAFFOLD	TWA	7:25	10:55	210	2.5/2.5	525	3242	25.0/100	0.0234	
04	6	J. Puntillo / ENGINEER	STEL	9:00	9:30	30	2.5/2.5	75	3243	1.5/100	0.00360	
05	6	J. Puntillo	TWA	9:30	11:30	120	2.5/2.5	300	3244	2.5/100	0.0090	
06	6	J. Hughes	TWA	10:50	13:20	150	2.5/2.3	360	3245	6.5/100	0.0089	
07	6	J. Salerno	TWA	10:52	13:22	150	2.5/2.3	360	3246	2.0/100	0.0075	
08	6	D. McTough	TWA	10:55	13:25	150	2.5/2.3	360	3247	13.0/100	0.0177	
09	6	J. Millan / ENGINEER	TWA	12:30	15:20	180	2.5/2.5	450	3248	4.5/100	0.0060	
10	-	BLANK							3249	0/100		
11	-	BLANK							3250	0/100		
										1		

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
CODIS: 4 - During 5 - Final 6 - Personal/OSHHA

Relinquished by (signature): S. Manuukov Date/Time: 2/20/02 Received by (signature): D. Argent Date/Time: 2/21/02 10:05



TESTWELL LABORATORIES, INC.

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Leonard Lewis PII	Personal STEL	Entire Building	3220	75	30	0.1144
03Pers	Leonard Lewis PII	Personal TWA	Entire Building	3222	300	120	0.0147
11Pers	Leonard Lewis PII	Personal TWA	Entire Building	3230	432	180	0.0579
16Pers	Leonard Lewis PII	Personal TWA	Entire Building	3235	352	160	0.0397
19	Blank	Blank	N/A	3238	0	0	N/A
20	Blank	Blank	N/A	3239	0	0	N/A

Total Duration Sampled (min.) 490

Short Term Exposure Limit (STEL) 0.1144

8 hr. Time Weighted Average (TWA) 0.0458

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 2 of 2

Client: Boers kend leaseProject Site: Millennium Hilton HotelProject Address: 55 Elizabeth St. ManhattanReport to: Michael Deane Boers

Tel/Fax

Company

Name

Date Analyzed: 2/21/02 Analyst: J.Y.

PCM or TEM

Project #:

Date:

Technician:

Signature:

Rotometer:

FIELD		SAMPLE		SAMPLE LOCATION		PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
SAMPLE #	TYPE											FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mm ²
13 Pers				H. Carlson		TWA 1020	1330	190	2.5/2.3	456	3232	13.0/100	0.0140	
14 Pers				V. Sofo		TWA 1020	1330	190	2.5/2.3	456	3233	8.5/100	0.0091	
15 Pers				Sah Maddox		TWA 1040	1250	130	2.5/2.3	312	3234	4.0/100	0.0086	
16 Pers				L. Lewis		TWA 12:50	1530	160	2.3/2.1	352	3235	28.5/100	0.0397	
17 Pers				D. Sackowski		TWA 1250	1530	160	2.3/2.1	352	3236	28.0/100	0.0390	
18 Pers				Sah Maddox		TWA 1250	1530	160	2.3/2.1	352	3237	63.5/100	0.0985	
19 Pers				Field Blank							3238	0/100		
20 Pers											3239	0/100		

Relinquished by (signature): N. JansDate/Time: 02.20.02Received by (signature): D. ArgentDate/Time: 2/21/02 10:00

SAMPLE:

1 - Ambient

2 - Background

3 - Pre-Test

CODES:

4 - During

5 - Final

6 - Personal/OSHA


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	Sachowski, David PII	Personal STEL	Entire Building	3221	75	30	0.0654
04Pers	Sachowski, David PII	Personal TWA	Entire Building	3223	300	120	0.0139
12Pers	Sachowski, David PII	Personal TWA	Entire Building	3231	432	180	0.0380
17Pers	Sachowski, David PII	Personal TWA	Entire Building	3236	352	160	0.0390
19	Blank	Blank	N/A	3238	0	0	N/A
20	Blank	Blank	N/A	3239	0	0	N/A

Total Duration Sampled (min.) 490

Short Term Exposure Limit (STEL) 0.0654

8 hr. Time Weighted Average (TWA) 0.0348

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

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47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 2

Client: Bours head lease.

Project Site: Millenium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: Prochak Deane Bours

TEL: (212) 542-6700

Name: _____ Company: _____

Date Analyzed: 2/21/02 Analyst: JY

Project #: 1430-025

Date: 02.20.02

Technician: Roske Karmencko

Signature: RZarr

Rotometer: _____

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
									02-PCM # TEM #	FIBERS/FIELDS	RESULTS: f/cc s/cc /mm ² s/mm ²	
01 Pers	6	Build: []	STEL	0720	0750	30	2.5/2.5	75	3220	17.5/100	0.11/44	
02 Pers		Build: []	STEL	0720	0750	30	2.5/2.5	75	3221	10.0/100	0.0654	
03 Pers		David Sacknowski, entire	TWA	0750	0950	120	2.5/2.5	300	3222	9.0/100	0.0147	
04 Pers		L. Lewis	TWA	0750	0950	120	2.5/2.5	300	3223	8.5/100	0.0139	
05 Pers		D. Sacknowski - 1st floor	TWA	0750	0950	120	2.5/2.5	300	3224	6.0/100	0.0372	
06 Pers		Build: lobby + 20 floors	STEL	0745	0815	30	2.5/2.5	75	3225	5.0/100	0.0360	
07 Pers		M. Carlsen	STEL	0745	0815	30	2.5/2.5	75	3226	14.0/100	0.0229	
08 Pers		V. Soto	TWA	0815	1015	120	2.5/2.5	300	3227	12.5/100	0.0204	
09 Pers		Sak. Maddox, entire	STEL	0810	0840	30	2.5/2.5	75	3228	4.0/100	0.0360	
10 Pers		Sak. Maddox	TWA	0840	1040	120	2.5/2.5	300	3229	5.0/100	0.0090	
11 Pers		L. Lewis	TWA	0950	1250	180	2.5/2.3	432	3230	51.0/100	0.0579	
12 Pers		D. Sacknowski	TWA	0950	1250	180	2.5/2.3	432	3231	33.9/100	0.0380	

Relinquished by (signature): RZarr Date/Time: 02.20.02

Received by (signature): D. Arant Date/Time: 2/21/02 10:00

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test
CODIS: 4 - During 5 - Final 6 - Personal/OSHA

11 7 h/h 7:00


TESTWELL LABORATORIES, INC.
Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton

55 Church Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
05Pers	Michael Carlson PII	Personal STEL	Lobby - 20th Floor	3224	75	30	0.0392
07Pers	Michael Carlson PII	Personal TWA	Lobby - 20th Floor	3226	300	120	0.0229
13Pers	Michael Carlson PII	Personal TWA	Lobby - 20th Floor	3232	456	190	0.0140
19	Blank	Blank	N/A	3238	0	0	N/A
20	Blank	Blank	N/A	3239	0	0	N/A

Total Duration Sampled (min.) 340

Short Term Exposure Limit (STEL) 0.0392

8 hr. Time Weighted Average (TWA) 0.0137

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director


TESTWELL LABORATORIES, INC.
Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton

55 Chruch Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
06Pers	Victor Soto PII	Personal STEL	Lobby - 20th Floor	3225	75	30	0.0360
08Pers	Victor Soto PII	Personal TWA	Lobby - 20th Floor	3227	300	120	0.0204
14Pers	Victor Soto PII	Personal TWA	Lobby - 20th Floor	3233	456	190	0.0091
19	Blank	Blank	N/A	3238	0	0	N/A
20	Blank	Blank	N/A	3239	0	0	N/A

Total Duration Sampled (min.)	340
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0110

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantitation reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562
TEL (914) 944-2570 FAX (914) 941-4154

Client: Borgs head lease.

Project Site: Millenium Hilton Hotel.

Project Address: 55 Church St., Manhattan.

Report to: Michael Deane Borgs Tel/Fax: (212) 592-6988
(212) 592-6700

Name: _____ Company: _____

Date Analyzed: 2/21/02 Analyst: JY.

Project #: 1480-025

Date: 02.20.02.

Technician: Rosko Kevrueko

Signature: RZaw

Rotometer: _____

ANALYSIS: LABORATORY USE ONLY											
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02-PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc /mm ² s/mm ²
01 Pers	6	Build: <u>Leeward Lewis, entire</u>	STEL	0720	0750	30	2.5/2.5	75	3220	17.5/100	0.1144
02 Pers		Build: <u>David Sackowski, entire</u>	STEL	0720	0750	30	2.5/2.5	75	3221	10.0/100	0.0654
03 Pers		<u>L. Lewis - - -</u>	TWA	0750	0950	120	2.5/2.5	300	3222	9.0/100	0.0147
04 Pers		<u>D. Sackowski - - -</u>	TWA	0750	0950	120	2.5/2.5	300	3223	8.5/100	0.0139
05 Pers		Build: <u>lobby + 20 floors</u> <u>Michael Carls, entire</u>	STEL	0745	0815	30	2.5/2.5	75	3224	6.0/100	0.0372
06 Pers		Build: <u>lobby + 20 floors</u> <u>Victor Soto inside build.</u>	STEL	0745	0815	30	2.5/2.5	75	3225	5.0/100	0.0360
07 Pers		<u>M. Carls, entire</u>	TWA	0815	1015	120	2.5/2.5	300	3226	14.0/100	0.0229
08 Pers		<u>V. Soto - - -</u>	TWA	0815	1015	120	2.5/2.5	300	3227	12.5/100	0.0204
09 Pers		Build: <u>Sack. Maddox, entire</u>	STEL	0810	0840	30	2.5/2.5	75	3228	4.0/100	0.0360
10 Pers		<u>Sack. Maddox</u>	TWA	0840	1040	120	2.5/2.5	300	3229	5.0/100	0.0090
11 Pers		<u>L. Lewis</u>	TWA	0950	1250	180	2.5/2.3	432	3230	5.0/100	0.0579
12 Pers		<u>D. Sackowski</u>	TWA	0950	1250	180	2.5/2.3	432	3231	33.5/100	0.0380

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test
CODIES: 4 - During 5 - Final 6 - Personal/OSHA

Relinquished by (signature): RZaw Date/Time: 02.20.02.
Received by (signature): D. Arnet Date/Time: 2/21/02 10:00

Mm 2/21/02 F100


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/20/02

Project #: MBO-025AB

Date Rec'd (lab): 02/21/02

Analysis Date: 02/21/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
09Pers	Sal Maddox PII	Personal STEL	Entire Building	3228	75	30	0.0360
10Pers	Sal Maddox PII	Personal TWA	Entire Building	3229	300	120	0.0090
15Pers	Sal Maddox PII	Personal TWA	Entire Building	3234	312	130	0.0086
18Pers	Sal Maddox PII	Personal TWA	Entire Building	3237	352	160	0.0885
19	Blank	Blank	N/A	3238	0	0	N/A
20	Blank	Blank	N/A	3239	0	0	N/A

Total Duration Sampled (min.) 440

Short Term Exposure Limit (STEL) 0.0360

8 hr. Time Weighted Average (TWA) 0.0363

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562
TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody Page 1 of 2

Client: Bear's head Lodge
Project Site: William Hilton Hotel
Project Address: 55 Church St. Manhattan
Report to: Michael Deane Bears
Name: _____ Company: _____
Date Analyzed: 2/21/02 Analyst: JH

Project #: 1480-025
Date: 02.20.02
Technician: Robert Korthwick
Signature: Michael Deane
Rotometer: _____

PCN or TEM

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP #	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY
01 Per	6	Bear's head Lodge Leeward Lewis's entire	STEL	0720	0750	30	2.5/2.5	75	02. PCM # 3220
02 Per		David Sackewski, entire	STEL	0720	0750	30	2.5/2.5	75	02. PCM # 3221
03 Per		L. Lewis - - - -	TWA	0750	0950	120	2.5/2.5	300	02. PCM # 3222
04 Per		D. Sackewski - - - -	TWA	0750	0950	120	2.5/2.5	300	02. PCM # 3223
05 Per		Bear's head Lodge + 20 ft. Sackewski, entire	STEL	0745	0815	30	2.5/2.5	75	02. PCM # 3224
06 Per		Bear's head Lodge + 20 ft. Sackewski, entire	STEL	0745	0815	30	2.5/2.5	75	02. PCM # 3225
07 Per		M. Cashman - - - -	TWA	0815	1015	120	2.5/2.5	300	02. PCM # 3226
08 Per		V. Soto - - - -	TWA	0815	1015	120	2.5/2.5	300	02. PCM # 3227
09 Per		Sack. Meadow, entire	STEL	0810	0840	30	2.5/2.5	75	02. PCM # 3228
10 Per		Sack. Meadow	TWA	0840	1040	120	2.5/2.5	300	02. PCM # 3229
11 Per		L. Lewis	TWA	0950	1250	180	2.5/2.5	450	02. PCM # 3230
12 Per		D. Sackewski	TWA	0950	1250	180	2.5/2.5	450	02. PCM # 3231

Relinquished by (signature): D. Deane Date/Time: 02.20.02 Received by (signature): D. Deane Date/Time: 2/21/02 10:00

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test
CODISI: 4 - During 5 - Final 6 - Personnel/OSHHA

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc	
02/20/02	02P	Sachowski, David	P11	entire building access	30	0.0654	
02/20/02	04P	Sachowski, David		entire building access	120	0.0139	
02/20/02	12P	Sachowski, David		entire building access	180	0.0380	
02/20/02	17P	Sachowski, David		entire building access	160	0.0390	
				Total Duration Sampled (min.)	490		
				Short Term Exposure Limit (STEL)		0.0654	
				8 hr. Time Weighted Average (TWA)		0.0348	
02/20/02	01P	Lewis, Leonard		entire building access	30	0.1144	
02/20/02	03P	Lewis, Leonard		entire building access	120	0.0147	
02/20/02	11P	Lewis, Leonard		entire building access	180	0.0579	
02/20/02	16P	Lewis, Leonard		entire building access	160	0.0397	
				Total Duration Sampled (min.)	490		
				Short Term Exposure Limit (STEL)		0.1144	
				8 hr. Time Weighted Average (TWA)		0.0458	
02/20/02	06P	Soto, Victor		inside building, lobby to 20th floor	30	0.0360	
02/20/02	08P	Soto, Victor		inside building, lobby to 20th floor	120	0.0204	
02/20/02	14P	Soto, Victor		inside building, lobby to 20th floor	190	0.0091	
				Total Duration Sampled (min.)	340		
				Short Term Exposure Limit (STEL)		0.0360	
				8 hr. Time Weighted Average (TWA)		0.0110	
02/20/02	05P	Carlsen, Michael		inside building, lobby to 20th floor	30	0.0392	
02/20/02	07P	Carlsen, Michael		inside building, lobby to 20th floor	120	0.0229	
02/20/02	13P	Carlsen, Michael		inside building, lobby to 20th floor	190	0.0140	
				Total Duration Sampled (min.)	340		
				Short Term Exposure Limit (STEL)		0.0392	
				8 hr. Time Weighted Average (TWA)		0.0137	
02/20/02	09P	Maddox, Sal		entire building access	30	0.0360	
02/20/02	10P	Maddox, Sal		entire building access	120	0.0090	
02/20/02	15P	Maddox, Sal		entire building access	130	0.0086	
02/20/02	118P	Maddox, Sal		entire building access	160	0.0885	
				Total Duration Sampled (min.)	440		
				Short Term Exposure Limit (STEL)		0.0360	
				8 hr. Time Weighted Average (TWA)		0.0363	

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

TESTWELL LABORATORIES, INC.

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Air Sample Data Chain of Custody

Page 1 of 2

Client: Bors head lease

Project Site: Millenium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: Michael Deane Bors Tel: (212) 592-6700

Name

Date Analyzed: 2/21/02 Analyst: JY

Project #: 1480-025

Date: 02.20.02

Technician: Rosie Karmencko

Signature: RZaw

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02-PCM # TEM #	FIBERS/ FIELDS	RESULTS /cc s/cc	RESULTS /mm ² s/mm ²
01 Pers	6	Build: <u>Edward Lewis, entire</u>	STEL	0720	0750	30	2.5/2.5	75	3220	17.5/100	0.1144	
02 Pers		Build: <u>David Sackowski, entire</u>	STEL	0720	0750	30	2.5/2.5	75	3221	10.0/100	0.0654	
03 Pers		<u>L. Lewis - - -</u>	TWA	0750	0950	120	2.5/2.5	300	3222	9.0/100	0.0147	
04 Pers		<u>D. Sackowski - - -</u>	TWA	0750	0950	120	2.5/2.5	300	3223	8.5/100	0.0139	
05 Pers		Build: <u>lobby + 20 floors</u>	STEL	0745	0815	30	2.5/2.5	75	3224	6.0/100	0.0372	
06 Pers		<u>M. Carlsen, lobby + 20 floors</u>	STEL	0745	0815	30	2.5/2.5	75	3225	5.0/100	0.00360	
07 Pers		<u>Victor Soto crude builer</u>	STEL	0815	1015	120	2.5/2.5	300	3226	14.0/100	0.0229	
08 Pers		<u>M. Carlsen - - -</u>	TWA	0815	1015	120	2.5/2.5	300	3227	12.5/100	0.0204	
09 Pers		<u>V. Soto - - -</u>	TWA	0815	1015	120	2.5/2.5	300	3228	4.0/100	0.00360	
10 Pers		Sal. Maddox, entire	STEL	0810	0840	30	2.5/2.5	75	3229	5.0/100	0.0090	
11 Pers		<u>Sal. Maddox</u>	TWA	0840	1040	120	2.5/2.5	300	3230	5.0/100	0.0579	
12 Pers		<u>L. Lewis</u>	TWA	0950	1250	180	2.5/2.3	432	3231	33.9/100	0.0380	
		<u>D. Sackowski</u>	TWA	0950	1250	180	2.5/2.3	432				
Relinquished by (signature): <u>RZaw</u>		Date/Time: <u>02.20.02</u>		Received by (signature): <u>D. Armit</u>		Date/Time: <u>2/21/02 10:00</u>		SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test		6 - Personal/DOSHHA		

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc
02/19/02	03	McTough, Danny	PII	scaffold entire	180	0.0183
02/19/02	09	McTough, Danny		scaffold entire	150	0.0094
				Total Duration Sampled (min.)	330	
				8 hr. Time Weighted Average (TWA)		0.0098
02/19/02	02	Hughus, J.		scaffold entire	180	0.0095
02/19/02	08	Hughus, J.		scaffold entire	150	0.0086
				Total Duration Sampled (min.)	330	
				8 hr. Time Weighted Average (TWA)		0.0063
02/19/02	04	Byine, R.		scaffold entire	180	0.0099
02/19/02	10	Byine, R.		scaffold entire	150	0.0130
				Total Duration Sampled (min.)	330	
				8 hr. Time Weighted Average (TWA)		0.0078
02/19/02	01	Salerno, J.		scaffold entire	180	0.0107
02/19/02	07	Salerno, J.		scaffold entire	150	0.0092
				Total Duration Sampled (min.)	330	
				8 hr. Time Weighted Average (TWA)		0.0069
02/19/02	05	Puntillo, J.		Engineer	30	0.0360
02/19/02	06	Puntillo, J.		Engineer	120	0.0102
02/19/02	11	Puntillo, J.		Engineer	180	0.0112
				Total Duration Sampled (min.)	330	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0090

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.


TESTWELL LABORATORIES, INC.

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/19/02

Project #: MBO-025AB

Date Rec'd (lab): 02/20/02

Analysis Date: 02/20/02

Analyst: D. Agrest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Joe Salerno PII	Personal TWA	Scaffold Entire	3090	450	180	0.0107
07Pers	Joe Salerno PII	Personal TWA	Scaffold Entire	3096	360	150	0.0092
12	Blank	Blank	N/A	3101	0	0	N/A
13	Blank	Blank	N/A	3102	0	0	N/A

Total Duration Sampled (min.) 330

8 hr. Time Weighted Average (TWA)

0.0069

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

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Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: Millennium Hilton Hotel

Project Address: 55 Church, NY, NY

Report to: M. Deane BOVIS (914) 522-6988 + (212) 312-2147

Tel/Fax

Company

Name

Date Analyzed: 2/20/02 Analyst: D. Agrest

PCM or TEM

Project #: M30-025

Date: 2/19/02

Technician: S. MANUKOV

Signature: S. Manukov

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS:	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02_PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc f/s/cc f/mm ² f/s/mm ²
01	6	J. Salerno / SCAFFOLD	TWA	8:00	11:00	180	2.5/2.5	450	3090	11/100	0.0107
02	6	J. Hughes / SCAFFOLD	TWA	8:02	11:00	180	2.5/2.5	450	3091	8/100	0.0095
03	6	D. McLaugh / SCAFFOLD	TWA	8:05	11:05	180	2.5/2.5	450	3092	29.5/100	0.0183
04	6	R. Byrne / SCAFFOLD	TWA	8:07	11:07	180	2.5/2.5	450	3093	9/100	0.0099
05	6	J. Puntillo / ENGINEER	STEL	8:50	9:20	30	2.5/2.5	75	3094	5/100	20.0360
06	6	J. Puntillo	TWA	9:20	11:20	120	2.5/2.5	300	3095	6.5/100	0.0102
07	6	J. Salerno	TWA	11:00	13:30	150	2.5/2.3	360	3096	5.5/100	0.0092
08	6	J. Hughes	TWA	11:02	13:32	150	2.5/2.3	360	3097	4/100	0.0086
09	6	D. McLaugh	TWA	11:05	13:35	150	2.5/2.3	360	3098	6/100	0.0094
10	6	R. Byrne	TWA	11:07	13:37	150	2.5/2.3	360	3099	14.5/100	0.0130
11	6	J. Puntillo	TWA	12:30	15:00	180	2.5/2.5	450	3100	12/100	0.0112
12/13	-	BLANK							3101	0/100	
									3102	0/100	

SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test
4 - During 5 - Final 6 - Personal/OSHA

Relinquished by (signature): S. Manukov Date/Time: 2/15/02
Received by (signature): D. Agrest Date/Time: 2/20/02 9:40


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NYLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	J. Hughs PII	Personal TWA	Scaffold Entire	3091	450	180	0.0095
10Pers	J. Hughs PII	Personal TWA	Scaffold Entire	3097	360	150	0.0086
12	Blank	Blank	Scaffold Entire	3101	0	0	N/A
13	Blank	Blank	N/A	3102	0	0	N/A

Total Duration Sampled (min.) 330

8 hr. Time Weighted Average (TWA)

0.0063

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

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Air Sample Data Chain of Custody

Page 1 of 1Client: BOVISProject Site: Millennium Hilton HotelProject Address: 55 Church, NY, NYReport to: M. Deane BOVIS (212) 592-6988 + (212) 312-2147

Name _____ Tel/Fax _____

Date Analyzed: 2/20/02 Analyst: D. Agrest PCM or TEMProject #: MBO-025Date: 2/13/02Technician: S. MAWUKUSignature: S. Ma

Rotometer: _____

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	Ø2 PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS f/mm ² s/m
01	6	J. Salerno / SCAFFOLD	TWA	8:00	11:00	180	2.5/2.5	450	3090	111/100	0.0107	
02	6	J. Hughes / SCAFFOLD	TWA	8:02	11:02	180	2.5/2.5	450	3091	81/100	0.0095	
03	6	D. Mc Jough / SCAFFOLD	TWA	8:05	11:05	180	2.5/2.5	450	3092	29.5/100	0.0183	
04	6	R. Byrne / SCAFFOLD	TWA	8:07	11:07	180	2.5/2.5	450	3093	91/100	0.0099	
05	6	J. Puntillo / ENGINEER	STEL	8:30	9:20	30	2.5/2.5	75	3094	51/100	0.0360	
06	6	J. Puntillo	TWA	9:20	11:20	120	2.5/2.5	300	3095	6.5/100	0.0102	
07	6	J. Salerno	TWA	11:00	13:30	150	2.5/2.3	360	3096	5.5/100	0.0092	
08	6	J. Hughes	TWA	11:02	13:32	150	2.5/2.3	360	3097	41/100	0.0086	
09	6	D. Mc Jough	TWA	11:05	13:35	150	2.5/2.3	360	3098	61/100	0.0094	
10	6	R. Byrne	TWA	11:07	13:37	150	2.5/2.3	360	3099	14.5/100	0.0130	
11	6	J. Puntillo	TWA	12:30	15:20	180	2.5/2.5	450	3100	121/100	0.0112	
12/13	-	BLANK							3101	0/100		
									3102	0/100		

SAMPLES: 1 - Ambient 2 - Background 3 - Pre-Test

COPIES: 4 - During 5 - Final 6 - Personal/OSHA

6 - Personal/OSHA


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/19/02

Project #: MBO-025AB

Date Rec'd (lab): 02/20/02

Analysis Date: 02/20/02

Analyst: D. Agrest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
03Pers	Danny McTough PII	Personal TWA	Scaffold Entire	3092	450	180	0.0183
09Pers	Danny McTough PII	Personal TWA	Scaffold Entire	3098	360	150	0.0094
12	Blank	Blank	N/A	3101	0	0	N/A
13	Blank	Blank	N/A	3102	0	0	N/A

Total Duration Sampled (min.) 330

8 hr. Time Weighted Average (TWA)

0.0098

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1Client: BOVISProject Site: Millennium Hilton HotelProject Address: 55 Church, NY, NYReport to: M. Deane BOVIS (914) 592-6988 + (212) 312-2147

Name

Company

Tel/Fax

PCM or TEM

Date Analyzed: 2/20/02 Analyst: D. AgrestProject #: MBO-025Date: 2/13/02Technician: S. MAWUKOUSignature: S. Ma

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS: $\frac{\mu\text{m}^2}{\text{m}^2}$	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCB # TEM #	FIBERS/FIELDS	RESULTS: $\frac{\mu\text{m}^2}{\text{m}^2}$
01	6	J. Salerno / SCAFFOLD	TWA	8:00	11:00	180	2.5/2.5	450	3090	11/100	0.0107
02	6	J. Hughes / SCAFFOLD	TWA	8:02	11:02	180	2.5/2.5	450	3091	8/100	0.0095
03	6	D. Mc Jough / SCAFFOLD	TWA	8:05	11:05	180	2.5/2.5	450	3092	29.5/100	0.0183
04	6	R. Byrne / SCAFFOLD	TWA	8:07	11:07	180	2.5/2.5	450	3093	9/100	0.0099
05	6	J. Puntillo / ENGINEER	STEL	8:50	9:20	30	2.5/2.5	75	3094	5/100	20.0360
06	6	J. Puntillo	TWA	9:20	11:20	120	2.5/2.5	300	3095	6.5/100	0.0102
07	6	J. Salerno	TWA	11:00	13:30	150	2.5/2.3	360	3096	5.5/100	0.0092
08	6	J. Hughes	TWA	11:02	13:32	150	2.5/2.3	360	3097	4/100	0.0086
09	6	D. Mc Jough	TWA	11:05	13:35	150	2.5/2.3	360	3098	6/100	0.0094
10	6	R. Byrne	TWA	11:07	13:37	150	2.5/2.3	360	3099	14.5/100	0.0130
11	6	J. Puntillo	TWA	12:30	15:00	180	2.5/2.5	450	3100	12/100	0.0112
12/13	-	BLANK							3101	0/100	
									3102	0/100	
Relinquished by (signature): <u>S. Ma</u>							Date/Time: <u>2/13/02</u>	Received by (signature): <u>D. Agrest</u>			
Date/Time: <u>2/20/02</u>							Date/Time: <u>9:40</u>	SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test 4 - During 5 - Final 6 - Personal/OSHA			


TESTWELL LABORATORIES, INC.

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/19/02

Project #: MBO-025AB

Date Rec'd (lab): 02/20/02

Analysis Date: 02/20/02

Analyst: D. Agrest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
04Pers	R. Byine PII	Personal TWA	Scaffold Entire	3093	450	180	0.0099
10Pers	R. Byine PII	Personal TWA	Scaffold Entire	3099	360	150	0.0130
12	Blank	Blank	N/A	3101	0	0	N/A
13	Blank	Blank	N/A	3102	0	0	N/A

Total Duration Sampled (min.)	330
8 hr. Time Weighted Average (TWA)	0.0078

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: Milennium Hilton Hotel

Project Address: 55 Church, NY, NY

Report to: M. Deane Bovis (212) 592-6988 + (212) 312-2147

Name

Company

Tel/Fax

Date Analyzed: 2/20/02 Analyst: D. Agrest

PCM or TEM

Project #: MBO-025

Date: 2/19/02

Technician: S. MANUKOV

Signature: S. Manukov

Rotometer:

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	O2 PCM # TEM #	FIBERS/ FIELDS	RESULTS:	RESULTS:
											f/cc s/cc	f/mm ² s/m
01	6	J. Salerno / SCAFFOLD	TWA	8:00	11:00	180	2.5/2.5	450	3090	11/100	0.0107	
02	6	J. Hughes / SCAFFOLD	TWA	8:02	11:02	180	2.5/2.5	450	3091	8/100	0.0095	
03	6	D. Mc Jough / SCAFFOLD	TWA	8:05	11:05	180	2.5/2.5	450	3092	29.5/100	0.0183	
04	6	R. Byrne / SCAFFOLD	TWA	8:07	11:07	180	2.5/2.5	450	3093	9/100	0.0099	
05	6	J. Puntillo / ENGINEER	STEL	8:30	9:20	30	2.5/2.5	75	3094	5/100	0.0360	
06	6	J. Puntillo	TWA	9:20	11:20	120	2.5/2.5	300	3095	6.5/100	0.0102	
07	6	J. Salerno	TWA	11:00	13:20	150	2.5/2.3	360	3096	5.5/100	0.0092	
08	6	J. Hughes	TWA	11:02	13:22	150	2.5/2.3	360	3097	4/100	0.0086	
09	6	D. Mc Jough	TWA	11:05	13:35	150	2.5/2.3	360	3098	6/100	0.0094	
10	6	R. Byrne	TWA	11:07	13:37	150	2.5/2.3	360	3099	14.5/100	0.0130	
11	6	J. Puntillo	TWA	12:30	15:20	180	2.5/2.5	450	3100	12/100	0.0112	
12/13	-	BLANK							3101	0/100		
									3102	0/100		
Relinquished by (signature):			Date/Time:		Received by (signature):		Date/Time:		SAMPLE CODES:		3 - Pre-Test	
S. Manukov			2/15/02		D. Agrest		2/20/02 9:40		1 - Ambient 2 - Background 3 - Pre-Test 4 - During 5 - Final 6 - Personal/OSHHA		6 - Personal/OSHHA	


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/19/02

Project #: MBO-025AB

Date Rec'd (lab): 02/20/02

Analysis Date: 02/20/02

Analyst: D. Agrest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
05Pers	Joseph Puntillo PII	Personal STEL	Entire Building	3094	75	30	0.0360
06Pers	Joseph Puntillo PII	Personal TWA	Entire Building	3095	300	120	0.0102
11Pers	Joseph Puntillo PII	Personal TWA	Entire Building	3100	450	180	0.0112
12	Blank	Blank	N/A	3101	0	0	N/A
13	Blank	Blank	N/A	3102	0	0	N/A

Total Duration Sampled (min.)	330
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0090

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

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Air Sample Data Chain of Custody

Page 1 of 1Client: BOVISProject Site: Millennium Hilton HotelProject Address: 55 Church, NY, NYReport to: M. Deane Bovis (212) 592-6988 + (212) 312-2147

Name

Company

Tel/Fax

Date Analyzed: 2/20/02 Analyst: D. AgrestPCM or TEMProject #: MBO-025Date: 2/19/02Technician: S. MANUKOVSignature: S. Manukov

Rotometer:

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	o2 PCM #	FIBERS/ FIELDS	RESULTS:	RESULTS:
									TEM #		f/cc s/cc	f/mm ² s/mi
01	6	J. Salerno / SCAFFOLD	TWA	8:00	11:00	180	2.5/2.5	450	3090	11/100	0.0107	
02	6	J. Hughes / SCAFFOLD	TWA	8:02	11:02	180	2.5/2.5	450	3091	8/100	0.0095	
03	6	D. Mc Jough / SCAFFOLD	TWA	8:05	11:05	180	2.5/2.5	450	3092	29.5/100	0.0183	
04	6	R. Byrne / SCAFFOLD	TWA	8:07	11:07	180	2.5/2.5	450	3093	9/100	0.0099	
05	6	J. Puntillo / ENGINEER	STEL	8:30	9:20	30	2.5/2.5	75	3094	5/100	0.00360	
06	6	J. Puntillo	TWA	9:20	11:20	120	2.5/2.5	300	3095	6.5/100	0.0102	
07	6	J. Salerno	TWA	11:00	13:20	150	2.5/2.3	360	3096	5.5/100	0.0092	
08	6	J. Hughes	TWA	11:02	13:22	150	2.5/2.3	360	3097	4/100	0.0086	
09	6	D. Mc Jough	TWA	11:05	13:35	150	2.5/2.3	360	3098	6/100	0.0094	
10	6	R. Byrne	TWA	11:07	13:27	150	2.5/2.3	360	3099	14.5/100	0.0130	
11	6	J. Puntillo	TWA	12:30	15:20	180	2.5/2.5	450	3100	12/100	0.0112	
12/13	-	BLANK							3101	0/100		
									3102	0/100		
Relinquished by (signature):				Date/Time:		Received by (signature):		Date/Time:		SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test		
S. Manukov				2/15/02		D. Agrest		2/20/02 9:40		CODES: 4 - During 5 - Final 6 - Personal/OSHA		

2/19/02
2/15/02
2/20/02
2/20/02

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc	
02/19/02	02P	Sachowski, David	P11	entire building access	30	0.1275	
02/19/02	04P	Sachowski, David		entire building access	120	0.0120	
02/19/02	10P	Sachowski, David		entire building access	120	0.0145	
02/19/02	14P	Sachowski, David		entire building access	220	0.0139	
				Total Duration Sampled (min.)	490		
				Short Term Exposure Limit (STEL)		0.1275	
				8 hr. Time Weighted Average (TWA)		0.0210	
02/19/02	01P	Lewis, Leonard		entire building access	30	0.0850	
02/19/02	03P	Lewis, Leonard		entire building access	120	0.0177	
02/19/02	09P	Lewis, Leonard		entire building access	120	0.0175	
02/19/02	13P	Lewis, Leonard		entire building access	220	0.0124	
				Total Duration Sampled (min.)	490		
				Short Term Exposure Limit (STEL)		0.0850	
				8 hr. Time Weighted Average (TWA)		0.0198	
02/19/02	05P	Soto, Victor		Windows Delivery, Floors 18 - 22	30	0.0654	
02/19/02	07P	Soto, Victor		Windows Delivery, Floors 18 - 22	120	0.0149	
02/19/02	11P	Soto, Victor		Windows Delivery, Floors 18 - 22	150	0.0159	
				Total Duration Sampled (min.)	300		
				Short Term Exposure Limit (STEL)		0.0654	
				8 hr. Time Weighted Average (TWA)		0.0128	
02/19/02	06P	Carlsen, Michael		Windows Delivery, Floors 18 - 22	30	0.0490	
02/19/02	08P	Carlsen, Michael		Windows Delivery, Floors 18 - 22	120	0.0155	
02/19/02	12P	Carlsen, Michael		Windows Delivery, Floors 18 - 22	150	0.0132	
				Total Duration Sampled (min.)	300		
				Short Term Exposure Limit (STEL)		0.0490	
				8 hr. Time Weighted Average (TWA)		0.0111	

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.



TESTWELL LABORATORIES, INC.

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AJHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/19/02

Project #: MBO-025AB

Date Rec'd (lab): 02/20/02

Analysis Date: 02/20/02

Analyst: D. Agrest

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Leonard Lewis PII	Personal STEL	Entire Building	3121	75	30	0.0850
03Pers	Leonard Lewis PII	Personal TWA	Entire Building	2123	300	120	0.0177
09Pers	Leonard Lewis PII	Personal TWA	Entire Building	3129	300	120	0.0175
13Pers	Leonard Lewis PII	Personal TWA	Entire Building	3133	528	220	0.0124
15	Blank	Blank	N/A	3135	0	0	N/A
16	Blank	Blank	N/A	3136	0	0	N/A

Total Duration Sampled (min.)	490
Short Term Exposure Limit (STEL)	0.0850
8 hr. Time Weighted Average (TWA)	0.0198

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

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47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 2Client: Bovis Lend LeaseProject Site: Millennium Hilton HotelProject Address: 55 Church St. ManhattanReport to: Michael Deane Tel: (212) 592-6988Fax: (212) 592-6700

Name: _____ Company: _____

Date Analyzed: 2/20/02 Analyst: D.A.Project #: MB0-025Date: 02.29.02Technician: Kosta KavarSignature: Kosta

Rotometer: _____

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	02 PCM # TEM #	FIBERS/FIELDS	RESULTS: 1/cc 1 s/cc	RESULTS: 1/mm ² 1 s/mm ²
01 Pers	6	L. Lewis, entire Bldg STEL	STEL	0720	0750	30	2.5/2.5	75	3121	13/100	0.0850	
02 Pers		D. Sackowski, entire STEL	STEL	0720	0750	30	2.5/2.5	75	3122	19.5/100	0.1275	
03 Pers		L. Lewis	TWA	0750	9:50	120	2.5/2.5	300	3123	25/100	0.0177	
04 Pers		D. Sackowski	TWA	0750	9:50	120	2.5/2.5	200	3124	11/100	0.012	
05 Pers		doos, 18-22 Floors Victor So today's w/ STEL	STEL	0830	0900	30	2.5/2.5	75	3125	10/100	0.0654	
06 Pers		Delivery windows 18-22 Fl. Michael Carlson STEL	STEL	0830	0900	30	2.5/2.5	75	3126	7.5/100	0.0490	
07 Pers		Victor So - - - TWA	TWA	0900	11:00	120	2.5/2.5	300	3127	18/100	0.0149	
08 Pers		Michael Carlson, TWA	TWA	0900	11:00	120	2.5/2.5	300	3128	19.5/100	0.0155	
09 Pers		L. LEWIS TWA	TWA	9:50	11:50	120	2.5/2.5	300	3129	24.5/100	0.0175	
10 Pers		D. SACKOWSKI TWA	TWA	9:50	11:50	120	2.5/2.5	300	3130	17/100	0.0145	
11 Pers		V. So TWA	TWA	11:00	13:30	150	2.5/2.5	375	3131	22/100	0.0159	
12 Pers	6	M. Carlsten TWA	TWA	11:00	13:30	150	2.5/2.5	375	3132	15.5/100	0.0132	

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE CODES:	1 - Ambient	2 - Background	3 - Pre-Test
<u>Michael Deane</u>	<u>02.29.02</u>	<u>D. Agent</u>	<u>2/20/02 10:10</u>				



TESTWELL LABORATORIES, INC.

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/19/02

Project #: MBO-025AB

Date Rec'd (lab): 02/20/02

Analysis Date: 02/20/02

Analyst: D. Agrest

Sample Location: The Millenium Hilton

55 Church Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	Sachowski, David [Redacted PII]	Personal STEL	Entire Building	3122	75	30	0.1275
04Pers	Sachowski, David [Redacted PII]	Personal TWA	Entire Building	3124	300	120	0.0120
10Pers	Sachowski, David [Redacted PII]	Personal TWA	Entire Building	3130	300	120	0.0145
14Pers	Sachowski, David [Redacted PII]	Personal TWA	Entire Building	3134	528	220	0.0139
15	Blank	Blank	N/A	3135	0	0	N/A
16	Blank	Blank	N/A	3136	0	0	N/A

Total Duration Sampled (min.)	490
Short Term Exposure Limit (STEL)	0.1275
8 hr. Time Weighted Average (TWA)	0.0210

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis Lend Lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: Michael Deane (212) 592-6888

Name: _____ Company: _____

Date Analyzed: 2/20/02 Analyst: D.A.

Project #:

MBO-025

Date:

02.29.02

Technician:

Kostachov

Signature:

Kostachov

Rotometer:

PCMs or TEM

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	2 PCM # TEM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/min s/min
01 Pers	6	L. Lewis, entire Back Stel.	STEL	0720	0750	30	2.5/2.5	75	3121	13/100	0.0850	
02 Pers		D. Sackowski, entire Stel.	STEL	0720	0750	30	2.5/2.5	75	3122	19.5/100	0.1275	
03 Pers		L. Lewis	TWA	0750	0800	10	2.5/2.5	300	3123	25/100	0.0177	
04 Pers		D. Sackowski	TWA	0750	0800	10	2.5/2.5	300	3124	11/100	0.012	
05 Pers		doog, 18-22 floors	STEL	0830	0840	30	2.5/2.5	75	3125	10/100	0.0654	
06 Pers		Vietor SO to delivery window	STEL	0830	0840	30	2.5/2.5	75	3126	7.5/100	0.0490	
07 Pers		Michael Carlsten	TWA	0800	11:00	120	2.5/2.5	300	3127	18/100	0.0149	
08 Pers		Michael Carlsten	TWA	0800	11:00	120	2.5/2.5	300	3128	19.5/100	0.0155	
09 Pers		L. Lewis	TWA	9:30	11:50	120	2.5/2.5	300	3129	24.5/100	0.0175	
10 Pers		D. Sackowski	TWA	9:30	11:50	120	2.5/2.5	300	3130	17/100	0.0145	
11 Pers		V. Soto	TWA	11:00	1330	150	2.5/2.5	375	3131	22/100	0.0159	
12 Pers	6	M. Carlsten	TWA	11:00	1330	150	2.5/2.5	375	3132	15.5/100	0.0132	

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test

CODES: 4 - During 5 - Final

6 - Personal/OSSIA

Relinquished by (signature): Michael Deane

Date/Time: 02.29.02

Received by (signature): D. A. Grant

Date/Time: 2/20/02 10:10

Michael Deane 2/20/02 5:41


TESTWEL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/19/02

Project #: MBO-025AB

Date Rec'd (lab): 02/20/02

Analysis Date: 02/20/02

Analyst: D. Agrest

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
05Pers	Victor Soto PII	Personal STEL	18th - 22nd Floors	3125	75	30	0.0654
07Pers	Victor Soto PII	Personal TWA	18th - 22nd Floors	3127	300	120	0.0149
11Pers	Victor Soto PII	Personal TWA	18th - 22nd Floors	3131	375	150	0.0159
15	Blank	Blank	N/A	3135	0	0	N/A
16	Blank	Blank	N/A	3136	0	0	N/A

Total Duration Sampled (min.)	300
Short Term Exposure Limit (STEL)	0.0654
8 hr. Time Weighted Average (TWA)	0.0128

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 2

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis Lend Lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: Michael Deane Tel: (212) 592-6988

Company

PCM or TEM

Date Analyzed: 2/20/02 Analyst: D. A.

Project #:

Date:

Technician:

Signature:

Rotometer:

1180-025

02.29.02

Kosta Karam

K. Deane

ANALYSIS: LABORATORY USE ONLY										RESULTS		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCB # TEM #	FIBERS/FIELDS	RESULTS f/cc l s/cc	RESULTS f/mm ² l s/mm ²
01 Pers	6	L. Lewis, entrance Bldg Steel	STEL	0720	0750	30	2.5/2.5	75	3121	13/100	0.0850	
02 Pers		D. Sackowski, entrance Steel	STEL	0720	0750	30	2.5/2.5	75	3122	19.5/100	0.1275	
03 Pers		L. Lewis	TWA	0750	0800	10	2.5/2.5	300	3123	25/100	0.0177	
04 Pers		D. Sackowski	TWA	0750	0800	10	2.5/2.5	200	3124	11/100	0.012	
05 Pers		Donor, 18-22 Floors	STEL	0830	0900	30	2.5/2.5	75	3125	10/100	0.0654	
06 Pers		Victor Soto delivery window	STEL	0830	0900	30	2.5/2.5	75	3126	7.5/100	0.0490	
07 Pers		Delivery window 18-22 Fl.	STEL	0830	0900	30	2.5/2.5	75	3127	18/100	0.0149	
08 Pers		Michael Carlson, entrance	TWA	0900	11:00	120	2.5/2.5	300	3128	19.5/100	0.0155	
09 Pers		Victor Soto	TWA	0900	11:00	120	2.5/2.5	300	3129	24.5/100	0.0175	
10 Pers		L. Lewis	TWA	0900	11:00	120	2.5/2.5	300	3130	17/100	0.0145	
11 Pers		D. Sackowski	TWA	0900	11:00	120	2.5/2.5	300	3131	22/100	0.0159	
12 Pers		V. Soto	TWA	11:00	1330	150	2.5/2.5	375	3132	15.5/100	0.0132	
13 Pers		M. Carlson	TWA	11:00	1330	150	2.5/2.5	375	3133	15.5/100	0.0132	
Relinquished by (signature): <u>Michael Deane</u>				Received by (signature): <u>D. A.</u>		Date/Time: <u>2/20/02 10:10</u>		SAMPLE CODES:		1 - Ambient 2 - Background 3 - Pre-Test		
										4 - During 5 - Final 6 - Personal/OSHIA		

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc
02/15/02	04	Carlsen, Michael	P11	14-22nd Floor	30	0.0360
02/15/02	05	Carlsen, Michael		14-22nd Floor	120	0.0135
02/15/02	09	Carlsen, Michael		14-22nd Floor	180	0.0062
				Total Duration Sampled (min.)	330	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0080
02/15/02	01	McTough, Danny		scaffold entire	180	0.0060
02/15/02	06	McTough, Danny		scaffold entire	200	0.0056
				Total Duration Sampled (min.)	380	
				8 hr. Time Weighted Average (TWA)		0.0046
02/15/02	02	Hughus, J.		scaffold entire	180	0.0060
02/15/02	07	Hughus, J.		scaffold entire	200	0.0056
				Total Duration Sampled (min.)	380	
				8 hr. Time Weighted Average (TWA)		0.0046
02/15/02	03	Byine, R.		scaffold entire	180	0.0060
02/15/02	08	Byine, R.		scaffold entire	200	0.0056
				Total Duration Sampled (min.)	380	
				8 hr. Time Weighted Average (TWA)		0.0046
02/15/02	10	Millan, J.		entire building access	180	0.0060
				Total Duration Sampled (min.)	180	
				8 hr. Time Weighted Average (TWA)		0.0023

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarini

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Danny McTough PII	Personal TWA	Scaffold Entire	2886	450	180	0.0060
06Pers	Danny McTough PII	Personal TWA	Scaffold Entire	2891	480	200	0.0056
11	Blank	Blank	N/A	2896	0	0	N/A
12	Blank	Blank	N/A	2897	0	0	N/A

Total Duration Sampled (min.) 380

8 hr. Time Weighted Average (TWA) 0.0046

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

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Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVISProject Site: MILLENIUM HILTON HOTELProject Address: 55 CHURCH ST, NY, NYReport to: M. DEANE BOVIS (212) 592-6988 + (212) 312-2147

Name

Company

Tel/Fax

PCM or TEM

Date Analyzed: 2/15/02 Analyst: _____Project #: MBO-025Date: 2/15/02Technician: S. MANUKOUSignature: S. Manukou

Rotometer: _____

ANALYSIS: LABORATORY USE ONLY										RESULTS:			RESULTS:		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	f/cc	s/cc	f/mm ²	s/mm ²	
01	6	D. Mc Jogh / SCAFFOLD	TWA	7:10	10:10	180	2.5/2.5	450	2876	1/100	2.5	0.000	0.000	0.000	
02	6	J. Hughes / SCAFFOLD	TWA	7:12	10:12	180	2.5/2.5	450	2887	1/100	2.5	0.000	0.000	0.000	
03	6	R. Byrne / SCAFFOLD	TWA	7:15	10:15	180	2.5/2.5	450	2888	1/100	2.5	0.000	0.000	0.000	
04	6	M. Corben / Floors 22-14	STEL	7:50	8:20	20	2.5/2.5	75	2899	1/100	2.5	0.000	0.000	0.000	
05	6	M. Corben / FLS, 22-14	TWA	8:20	10:20	120	2.5/2.5	200	2870	1/100	2.5	0.000	0.000	0.000	
06	6	D. Mc Jogh / SCAFF.	TWA	10:10	13:30	200	2.5/2.3	480	2891	0.5/100	2.5	0.0056	0.0056	0.0056	
07	6	J. Hughes / SCAFF.	TWA	10:12	14:32	200	2.5/2.3	480	2892	1/100	2.5	0.0056	0.0056	0.0056	
08	6	R. Byrne / SCAFF.	TWA	10:15	14:35	200	2.5/2.3	480	2893	3/100	2.5	0.0056	0.0056	0.0056	
09	6	M. Corben / FLS, 22-14	TWA	10:20	13:20	180	2.5/2.3	432	2894	5/100	2.5	0.0062	0.0062	0.0062	
10	6	J. Millam / Entre Bldg.	TWA	12:30	15:20	180	2.5/2.5	450	2895	1/100	2.5	0.0060	0.0060	0.0060	
11	-	BLANK							2896	0/100					
12	-	BLANK							2897	0/100					

Relinquished by (signature):	Date/Time:	SAMPLE CODES:			3 - Pre-Test		
		1 - Ambient	2 - Background	5 - Final	6 - Personal/OSHHA		
<u>S. Manukou</u>	<u>2/15/02</u>						



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarini

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	J. Hughs PII	Personal TWA	Scaffold Entire	2887	450	180	0.0060
07Pers	J. Hughs PII	Personal TWA	Scaffold Entire	2892	480	200	0.0056
11	Blank	Blank	Scaffold Entire	2896	0	0	N/A
12	Blank	Blank	N/A	2897	0	0	N/A

Total Duration Sampled (min.) 380

8 hr. Time Weighted Average (TWA) 0.0046

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVISProject Site: MILLENNIUM HILTON HOTELProject Address: 55 CHURCH ST., NY, NYReport to: M. DEANE BOVIS (212) 592-6988 + (212) 312-2147

Company

Tel/Fax

Name

Date Analyzed: 2/1/02 Analyst: _____

PCM or TEM

Project #: MBO-025Date: 2/15/02Technician: S. MANUKOVSignature: S. Manukov

Rotometer: _____

ANALYSIS: LABORATORY USE ONLY										RESULTS:		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/m
01	6	D. Mc Jogh / SCAFFOLD	TWA	7:10	10:10	180	2.5/2.5	450	2876	1 / 100	<0.0060	0060
02	6	J. Hughes / SCAFFOLD	TWA	7:12	10:12	180	2.5/2.5	450	2887	1 / 100	<0.0060	0060
03	6	R. Byrnie / SCAFFOLD	TWA	7:15	10:15	180	2.5/2.5	450	2888	1 / 100	<0.0060	0060
04	6	M. Carlsen / Floors 22-14	STEL	7:50	8:20	20	2.5/2.5	75	2899	1 / 100	<0.0060	0060
05	6	M. Carlsen / FLOORS 22-14	TWA	8:20	10:20	120	2.5/2.5	200	2870	1 / 100	<0.0135	0135
06	6	D. Mc Jogh / SCAFF.	TWA	10:10	13:30	200	2.5/2.3	480	2891	0.5 / 100	<0.0056	0056
07	6	J. Hughes / SCAFF.	TWA	10:12	13:32	200	2.5/2.3	480	2892	1 / 100	<0.0056	0056
08	6	R. Byrnie / SCAFF.	TWA	10:15	13:35	200	2.5/2.3	480	2893	3 / 100	<0.0056	0056
09	6	M. Carlsen / FLOORS 22-14	TWA	10:20	13:20	180	2.5/2.3	432	2894	5 / 100	<0.0062	0062
10	6	J. Millan / Entire Bldg.	TWA	12:30	15:30	180	2.5/2.5	450	2895	1 / 100	<0.0060	0060
11	-	BLANK							2896	0 / 100		
12	-	BLANK							2897	0 / 100		

Relinquished by (signature): S. ManukovDate/Time: 2/15/02Received by (signature): [Signature]Date/Time: 2/1/02 0200

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarini

Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	-Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
03Pers	R. Byine PII	Personal TWA	Scaffold Entire	2888	450	180	0.0060
08Pers	R. Byine PII	Personal TWA	Scaffold Entire	2893	480	200	0.0056
11	Blank	Blank	N/A	2896	0	0	N/A
12	Blank	Blank	N/A	2897	0	0	N/A

Total Duration Sampled (min.) 380

8 hr. Time Weighted Average (TWA) 0.0046

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AJHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarini

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
04Pers	Michael Carlson PII	Personal STEL	14th - 22nd Floors	2889	75	30	0.0360
05Pers	Michael Carlson PII	Personal TWA	14th - 22nd Floors	2890	200	120	0.0135
09Pers	Michael Carlson PII	Personal TWA	14th - 22nd Floors	2894	432	180	0.0062
11	Blank	Blank	N/A	2896	0	0	N/A
12	Blank	Blank	N/A	2897	0	0	N/A

Total Duration Sampled (min.)	330
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0080

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: MILLENIUM HILTON HOTEL

Project Address: 55 CHURCH ST, NY, NY

Report to: M. DEANE BOVIS (212) 592-6983 + (212) 312-2147

Company

Tel/Fax

PCM or TEM

Rotometer:

Date Analyzed: 2/16/02 Analyst:

Project #:

Date:

Technician:

Signature:

Rotometer:

ANALYSIS: LABORATORY USE ONLY											
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc f/s/cc f/mm ² f/s/mf
01	6	D. McTough / SCAFFOLD	TWA	7:10	10:10	180	2.5/2.5	450	2876	1.5/100	<0.000
02	6	J. Hughes / SCAFFOLD	TWA	7:12	10:12	180	2.5/2.5	450	2887	2/100	<0.0060
03	6	R. Byrnie / SCAFFOLD	TWA	7:15	10:15	180	2.5/2.5	450	2888	1/100	<0.0060
04	6	M. Corbryn / FLOORS 22-14	STEL	7:50	8:20	30	2.5/2.5	75	2899	1/100	<0.0360
05	6	M. Corbryn / FLOORS 22-14	TWA	8:20	10:20	120	2.5/2.5	200	2870	1/100	<0.0135
06	6	D. McTough / SCAFF.	TWA	10:10	13:30	200	2.5/2.3	480	2891	0.5/100	<0.0056
07	6	J. Hughes / SCAFF.	TWA	10:12	13:32	200	2.5/2.3	480	2892	1/100	<0.0056
08	6	R. Byrnie / SCAFF.	TWA	10:15	13:35	200	2.5/2.3	480	2893	3/100	<0.0056
09	6	M. Corbryn / FLOORS 22-14	TWA	10:20	13:20	180	2.5/2.3	432	2894	5/100	<0.0062
10	6	J. Millan / Entire Bldg.	TWA	12:30	15:30	180	2.5/2.5	450	2895	1/100	<0.0060
11	-	BLANK							2896	0/100	-
12	-	BLANK							2897	0/100	-

3 - Pre-Test
6 - Personal/OSHIA

1 - Ambient
2 - Background
3 - Pre-Test
4 - During
5 - Final

SAMPLE CODES:

Date/Time: 2/16/02 0200

Received by (signature):

Date/Time: 2/15/02

Reinquished by (signature):


TESTWELL LABORATORIES, INC.

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarni

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
10Pers	J. Millau PII	Personal TWA	Entire Building	2895	432	180	0.0060
11	Blank	Blank	N/A	2896	0	0	N/A
12	Blank	Blank	N/A	2897	0	0	N/A

Total Duration Sampled (min.)	180
Short Term Exposure Limit (STEL)	0.0060
8 hr. Time Weighted Average (TWA)	0.0023

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: MILLENIUM HILTON HOTEL

Project Address: 55 CHURCH ST., NY, NY

Report to: M. DEANE (212) 592-6988 + (212) 312-2147

Name

Company

Tel/Fax

Date Analyzed: 2/15/02 Analyst:

PCM or TEM

Project #: MBO-025

Date: 2/15/02

Technician: S. MANUKOV

Signature: S. Manukov

Rotometer:

ANALYSIS: LABORATORY USE ONLY													
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION		PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/m
01	6	D. Mc Jogh	SCAFFOLD	TWA	7:10	10:10	180	2.5/2.5	450	2876	1.5/100	<0.0060	0060
02	6	J. Hughes	SCAFFOLD	TWA	7:12	10:12	180	2.5/2.5	450	2887	2/100	<0.0060	0060
03	6	R. Byrnie	SCAFFOLD	TWA	7:15	10:15	180	2.5/2.5	450	2888	1/100	<0.0060	0060
04	6	M. Carlsen	Floors 22-14	STEL	7:50	8:20	30	2.5/2.5	75	2889	1/100	<0.0060	0060
05	6	M. Carlsen	FLRS. 22-14	TWA	8:20	10:20	120	2.5/2.5	200	2890	1/100	<0.0135	0135
06	6	D. Mc Jogh	SCAFF.	TWA	10:10	13:30	200	2.5/2.3	480	2891	0.5/100	<0.0056	0056
07	6	J. Hughes	SCAFF.	TWA	10:12	13:32	200	2.5/2.3	480	2892	1/100	<0.0056	0056
08	6	R. Byrnie	SCAFF.	TWA	10:15	13:35	200	2.5/2.3	480	2893	3/100	<0.0056	0056
09	6	M. Carlsen	FLRS. 22-14	TWA	10:20	13:20	180	2.5/2.3	432	2894	5/100	<0.0062	0062
10	6	J. Millan	Entre Bldg.	TWA	12:30	15:30	180	2.5/2.5	450	2895	1/100	<0.0060	0060
11	-	BLANK								2896	0/100		
12	-	BLANK								2897	0/100		
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE:		1 - Ambient		3 - Pre-Test	
		2/15/02				2/16/02 0100		CODING:		2 - Background		5 - Final	
												6 - Personal/OSHA	

Relinquished by (signature): S. Manukov

Date/Time: 2/15/02

Received by (signature):

Date/Time: 2/15/02

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA

Millenium Hilton Hotel

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc	
02/15/02	01P	Sachowski, David	PII	entire building access	30	0.0360	
02/15/02	03P	Sachowski, David		entire building access	130	0.0083	
02/15/02	08P	Sachowski, David		entire building access	130	0.0086	
02/15/02	11P	Sachowski, David		entire building access	160	0.0067	
				Total Duration Sampled (min.)	450		
				Short Term Exposure Limit (STEL)		0.0360	
				8 hr. Time Weighted Average (TWA)		0.0091	
02/15/02	02P	Lewis, Leonard		entire building access	30	0.0360	
02/15/02	04P	Lewis, Leonard		entire building access	130	0.0083	
02/15/02	07P	Lewis, Leonard		entire building access	130	0.0086	
02/15/02	10P	Lewis, Leonard		entire building access	160	0.0067	
				Total Duration Sampled (min.)	450		
				Short Term Exposure Limit (STEL)		0.0360	
				8 hr. Time Weighted Average (TWA)		0.0091	
02/15/02	05P	Soto, Victor		Windows, entire building, Delivery	30	0.0360	
02/15/02	06P	Soto, Victor		Windows, entire building, Delivery	120	0.0094	
02/15/02	09P	Soto, Victor		Windows, entire building, Delivery	180	0.0060	
				Total Duration Sampled (min.)	330		
				Short Term Exposure Limit (STEL)		0.0360	
				8 hr. Time Weighted Average (TWA)		0.0069	

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarini

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	Sachowski, David PII	Personal STEL	Entire Building	2873	75	30	0.0360
03Pers	Sachowski, David PII	Personal TWA	Entire Building	2375	325	130	0.0083
08Pers	Sachowski, David PII	Personal TWA	Entire Building	2880	312	130	0.0086
11Pers	Sachowski, David PII	Personal TWA	Entire Building	2883	400	160	0.0067
12	Blank	Blank	N/A	2884	0	0	N/A
13	Blank	Blank	N/A	2885	0	0	N/A

Total Duration Sampled (min.)	450
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0091

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

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Air Sample Data Chain of Custody

Page 1 of 1

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Boris bend head
 Project Site: Millennium Hilton Hotel
 Project Address: 55 Church St. Manhattan
 Report to: Michael Deane Boris (912) 592-6988
 Name: _____ Company: _____ Tel/Fax: (912) 312-2147
 Date Analyzed: 2/16/02 Analyst: _____

Project #: 480-025
 Date: 02.15.02
 Technician: Kosta Lamm
 Signature: KDaw
 Rotometer: _____

FIELD SAMPLE #		SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
										FIBERS/FIELDS	RESULTS: f/cc	RESULTS: f/mm ² s/mm ²	
01 Per	6	SS	David Sackowski's Bldg.	STEL	0710	0740	30	2.5/2.5	75	2873	1/100	20	0360
02 Per		SS	Leonard Lewis's Bldg.	STEL	0710	0740	30	2.5/2.5	75	2874	1/100	20	0360
03 Per			David Sackowski's	TWA	0740	0950	130	2.5/2.5	325	2875	1/100	20	0083
04 Per			Leonard Lewis's	TWA	0740	0950	130	2.5/2.5	325	2876	1/100	20	0083
05 Per			Victor Soto, delving	STEL	0805	0835	30	2.5/2.5	75	2877	1/100	20	0360
06 Per			Victor Soto	TWA	0835	1035	120	2.5/2.3	288	2878	0.5/100	20	0097
07 Per			Leonard Lewis's	TWA	0950	1200	130	2.5/2.3	312	2879	1/100	20	0082
08 Per			David Sackowski's	TWA	0950	1200	130	2.5/2.3	312	2880	1/100	20	0082
09 Per			Victor Soto	TWA	10:35	1335	180	2.5/2.5	450	2881	1/100	20	0060
10 Per			Leonard Lewis's	TWA	1250	1530	160	2.5/2.5	400	2882	4/100	20	0067
11 Per			David Sackowski's	TWA	1250	1530	160	2.5/2.5	400	2883	1/100	20	0067
12 Per	3 Per		Ronald Blanks							2884	01/100		
Relinquished by (signature): <u>[Signature]</u> Date/Time: <u>02.15.02</u>										SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test CODIES: 4 - During 5 - Final 6 - Personal/OSIA			

Ann 9/16/06 6:00 PM



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarini

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	Leonard Lewis PII	Personal STEL	Entire Building	2874	75	30	0.0360
04Pers	Leonard Lewis PII	Personal TWA	Entire Building	2876	325	130	0.0083
07Pers	Leonard Lewis PII	Personal TWA	Entire Building	2879	312	130	0.0086
10Pers	Leonard Lewis PII	Personal TWA	Entire Building	2882	400	160	0.0067
12	Blank	Blank	N/A	2884	0	0	N/A
13	Blank	Blank	N/A	2885	0	0	N/A

Total Duration Sampled (min.)	450
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0091

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

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Air Sample Data Chain of Custody

Page 1 of 1

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Project #: 480-025

Date: 02.15.02.

Technician: Robert Lamm

Signature: R Lamm

Rotometer:

Client: Boris Bend Heare

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: Michael Beane Boris (914) 592-6988 (914) 312-2147

Company

Analyst:

Date Analyzed: 2/16/02

PCM or TEM

ANALYSIS: LABORATORY USE ONLY										RESULTS	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	RESULTS: /cc s/cc /mm ² s/mm ²
01 Pcs	6	SS David Sackowski's entire	SFEL	0710	0740	30	2.5/2.5	75	2873	4/100	LO 0360
02 Pcs		SS: Bldg. Leonard Lewis's, entire	SFEL	0710	0740	30	2.5/2.5	75	2874	1/100	LO 0360
03 Pcs		David Sackowski	TWA	0740	0950	130	2.5/2.5	325	2875	5/100	LO 0083
04 Pcs		Leonard Lewis	TWA	0740	0950	130	2.5/2.5	325	2876	1.5/100	LO 0083
05 Pcs		SS: Bldg. Victor Soto, deliv	SFEL	0805	0835	30	2.5/2.5	75	2877	1/100	LO 0360
06 Pcs		Victor Soto	TWA	0835	1035	120	2.5/2.3	288	2878	0.5/100	LO 0094
07 Pcs		Leonard Lewis	TWA	0940	1200	130	2.5/2.3	312	2879	2/100	LO 0082
08 Pcs		David Sackowski	TWA	0950	1200	130	2.5/2.3	312	2880	3/100	LO 0082
09 Pcs		Victor Soto	TWA	1035	1335	180	2.5/2.5	450	2881	1/100	LO 0082
10 Pcs		Leonard Lewis	TWA	1250	1530	160	2.5/2.5	400	2882	4/100	LO 0067
11 Pcs		David Sackowski	TWA	1250	1530	160	2.5/2.5	400	2883	1/100	LO 0067
12-13 Pcs		Robert Lamm							2884	0/100	
										2885	

3 - Pre-Test

2 - Background

1 - Ambient

4 - During

5 - Final

6 - Personal/OSHA

Received by (signature):

Date/Time:

Relinquished by (signature):

Date/Time:

Date/Time:

SAMPLE

CODES:

Attn: 9/14/06 6:00 PM


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/15/02

Project #: MBO-025AB

Date Rec'd (lab): 02/16/02

Analysis Date: 02/16/02

Analyst: L. Chivarini

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
05Pers	Victor Soto PII	Personal STEL	Windows Entire Bldg.	2877	75	30	0.0360
06Pers	Victor Soto PII	Personal TWA	Windows Entire Bldg.	2878	288	120	0.0094
09Pers	Victor Soto PII	Personal TWA	Windows Entire Bldg.	2881	450	180	0.0060
12	Blank	Blank	N/A	2884	0	0	N/A
13	Blank	Blank	N/A	2885	0	0	N/A

Total Duration Sampled (min.)	330
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0069

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562
TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: Boris bend beads

Project #: 480-025

Project Site: William Hilltop Ho Tech

Date: 02.15.02

Project Address: 55 Church St. Manhattan

Technician: Rosko Lamm

Report to:

Michael Deane Boris (e12) 592-6988
(R2) 312-2147

Signature: Rosko

Name

Company

Tel/Fax

(PCM) or TEM

Rotometer:

Date Analyzed: 2/16/02 Analyst: [Signature]

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
									PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc f/mm ² s/mm ²
01 PPS	G	SS Bldg. David Sackowski, entire	SFEL	0710	0740	30	2.5/2.5	75	2873	4/100	<0.0360
02 PPS		SS Bldg. Leonard Lewis, entire	SFEL	0710	0740	30	2.5/2.5	75	2874	1/100	<0.0360
03 PPS		David Sackowski	TWA	0740	0950	130	2.5/2.5	325	2875	1/100	<0.0083
04 PPS		Leonard Lewis	TWA	0740	0950	130	2.5/2.5	325	2876	1/100	<0.0083
05 PPS		SS Bldg. Victor Soto, de Linco	SFEL	0805	0835	30	2.5/2.5	75	2877	1/100	<0.0360
06 PPS		Victor Soto	TWA	0835	1035	120	2.5/2.3	288	2878	1/100	<0.0094
07 PPS		Leonard Lewis	TWA	0950	1200	130	2.5/2.3	312	2879	2/100	<0.0086
08 PPS		David Sackowski	TWA	0950	1200	130	2.5/2.3	312	2880	3/100	<0.0086
09 PPS		Victor Soto	TWA	1035	1335	180	2.5/2.5	450	2881	1/100	<0.0066
10 PPS		Leonard Lewis	TWA	1250	1530	160	2.5/2.5	400	2882	4/100	<0.0067
11 PPS		David Sackowski	TWA	1250	1530	160	2.5/2.5	400	2883	1/100	<0.0067
12 PPS	✓	Rosko Lamm							2884	0/100	
									2885	0/100	

Relinquished by (signature): [Signature]

Date/Time: 02.15.02

Received by (signature): [Signature]

Date/Time: 2/16/02 0800

SAMPLES

1 - Ambient 2 - Background 3 - Pre-Test

4 - During 5 - Final 6 - Personnel/OSHIA

Attn 2/16/02 6:00 PM

Millenium Hilton Hotel

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc
02/14/02	1	McTough, Danny	P11	scaffold entire	30	0.0360
02/14/02	5	McTough, Danny		scaffold entire	300	0.0047
				Total Duration Sampled (min.)	330	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0052
02/14/02	2	Byine, R.		scaffold entire	30	0.0360
02/14/02	6	Byine, R.		scaffold entire	300	0.0108
				Total Duration Sampled (min.)	330	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0090
02/14/02	3	Soto, Victor		glass delivery	30	0.0360
02/14/02	7	Soto, Victor		glass delivery	178	0.0077
02/14/02	9	Soto, Victor		glass delivery	180	0.0195
				Total Duration Sampled (min.)	388	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0124
02/14/02	4	Carlsen, Michael		glass delivery	30	0.0392
02/14/02	8	Carlsen, Michael		glass delivery	178	0.0154
02/14/02	10	Carlsen, Michael		glass delivery	180	0.0782
				Total Duration Sampled (min.)	388	
				Short Term Exposure Limit (STEL)		0.0392
				8 hr. Time Weighted Average (TWA)		0.0375

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Danny McTough PII	Personal STEL	Scaffold Entire	2795	75	30	0.0360
05Pers	Danny McTough PII	Personal TWA	Scaffold Entire	2799	660	300	0.0047
11	Blank	Blank	N/A	2805	0	0	N/A
12	Blank	Blank	N/A	2806	0	0	N/A

Total Duration Sampled (min.)	330
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0052

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product-endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: MILLENIUM HILTON HOTEL

Project Address: 55 Church St. Manhattan

Report to: M. DEANE BOVIS (212) 592-6988

Tel/Fax

Company

Name

Date Analyzed: 2/15/02 Analyst: J.Y.

PCM or TEM

Project #: MBO-025

Date: 2/14/02

Technician: S. MANUKOV

Signature: S.M.

Rotometer:

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: /cc s/cc	RESULTS: /mm ² s/mm ²
01	6	D. McLaugh / SCAFFOLD	STEL	8:00	8:30	30	2.5/2.5	75	2795	2.01/100	0.0360	✓
02	6	R. Byrnie / SCAFFOLD	STEL	8:00	8:30	30	2.5/2.5	75	2796	3.01/100	0.0360	✓
03	6	V. Soto / Glass deliv.	STEL	8:02	8:32	30	2.5/2.5	75	2797	3.51/100	0.0360	✓
04	6	M. Carlsen / Glass deliv.	STEL	8:05	8:35	30	2.5/2.5	75	2798	6.01/100	0.0392	✓
05	6	D. McLaugh / scaffold	TWA	8:30	13:30	300	2.5/1.9	660	2799	2.51/100	0.0047	✓
06	6	R. Byrnie / scaffold	TWA	8:30	13:30	300	2.5/1.9	660	2800	13.51/100	0.0108	✓
07	6	V. Soto / Glass del.	TWA	8:32	11:30	178	2.5/2.5	445	2801	7.01/100	0.0077	✓
08	6	M. Carlsen / Glass del.	TWA	8:35	11:33	178	2.5/2.5	445	2802	14.01/100	0.0154	✓
09	6	V. Soto / Glass del.	TWA	11:30	14:30	180	2.5/2.3	432	2803	16.51/100	0.0195	✓
10	6	M. Carlsen / Glass del.	TWA	11:33	14:33	180	2.5/2.3	432	2804	66.01/100	0.0782	✓
11	-	BLANK							2805	01/100	✓	✓
									2806	01/100	✓	✓

Relinquished by (signature): S.M.

Date/Time: 2/14/02

Received by (signature): J. Yarnes

Date/Time: 2/15/02 8:55am

SAMPLE CODES:

1 - Ambient

4 - During

2 - Background

5 - Final

3 - Pre-Test

6 - Personnel/OSHA


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	R. Byine PII	Personal STEL	Scaffold Entire	2796	75	30	0.0360
05Pers	R. Byine PII	Personal TWA	Scaffold Entire	2800	660	300	0.0108
11	Blank	Blank	N/A	2805	0	0	N/A
12	Blank	Blank	N/A	2806	0	0	N/A

Total Duration Sampled (min.)	330
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0090

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product-endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: MILLENIUM HILTON HOTEL

Project Address: 55 Church St, Manhattan

Report to: M. DEANE BOVIS (212) 592-6988

Name Company Tel/Fax

PCM or TEM

Date Analyzed: 2/15/02

Analyst: J.Y.

Project #: MBO-025

Date: 2/14/02

Technician: S. MANUKOV

Signature: S.M.

Rotometer:

FIELD SAMPLE #		SAMPLE LOCATION		PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY	RESULTS: /cc s/cc	RESULTS: /mm ³ s/mm ³
01	6	D. McTough / SCAFFOLD		STEL	8:00	8:30	30	2.5/2.5	75	2795	2.01/100	0.0360 ✓
02	6	R. Byrnie / SCAFFOLD		STEL	8:00	8:30	30	2.5/2.5	75	2796	3.01/100	0.0360 ✓
03	6	V. Soto / Glass deliv.		STEL	8:02	8:32	30	2.5/2.5	75	2797	3.51/100	0.0360 ✓
04	6	H. Corbreen / Glass deliv.		STEL	8:05	8:35	30	2.5/2.5	75	2798	6.01/100	0.0392 ✓
05	6	D. McTough / scaffolding		TWA	8:30	13:30	300	2.5/1.9	660	2799	2.51/100	0.01047 ✓
06	6	R. Byrnie / scaffolding		TWA	8:30	13:30	300	2.5/1.9	660	2800	13.51/100	0.0108 ✓
07	6	V. Soto / Glass del.		TWA	8:32	11:30	178	2.5/2.5	445	2801	7.01/100	0.0077 ✓
08	6	M. Corbreen / Glass del.		TWA	8:35	11:33	178	2.5/2.5	445	2802	14.01/100	0.0154 ✓
09	6	V. Soto / Glass del.		TWA	11:30	14:30	180	2.5/2.3	432	2803	16.51/100	0.0195 ✓
10	6	M. Corbreen / Glass del.		TWA	11:33	14:33	180	2.5/2.3	432	2804	66.01/100	0.0782 ✓
11	-	BLANK								2805	01/100	✓
12	-	BLANK								2806	01/100	✓

Relinquished by (signature): S.M.

Date/Time: 2/14/02

Received by (signature): J. Jaramero

Date/Time: 2/15/02 8:55AM

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personnel/OSHIA


TESTWEL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 2/014/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
03Pers	Victor Soto PII	Personal STEL	Glass Delivery	2797	75	30	0.0360
07Pers	Victor Soto PII	Personal TWA	Glass Delivery	2801	445	178	0.0077
09Pers	Victor Soto PII	Personal TWA	Glass Delivery	2803	432	180	0.0195
11	Blank	Blank	N/A	2805	0	0	N/A
12	Blank	Blank	N/A	2806	0	0	N/A

Total Duration Sampled (min.) 388

Short Term Exposure Limit (STEL) 0.0360

8 hr. Time Weighted Average (TWA) 0.0124

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McGill - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 1

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: BOVIS

Project Site: MILLENIUM HILTON HOTEL

Project Address: 55 Church St., Manhattan

Report to: M. DEANE

Company

Tel/Fax

Name

Date Analyzed: 2/15/02

Analyst: J.Y.

PCM or TEM

Project #: MBO-025

Date: 2/14/02

Technician: S. MANUKOV

Signature: S.M.

Rotometer:

FIELD SAMPLE #		SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY	RESULTS: /cc s/cc	RESULTS: /min s/min
01	6		D. McLaugh / SCAFFOLD	STEL	8:00	8:30	30	2.5/2.5	75	2795	2.01/100	0.0360
02	6		R. Byrnie / SCAFFOLD	STEL	8:00	8:30	30	2.5/2.5	75	2796	3.01/100	0.0360
03	6		V. Soto / Glass deliv.	STEL	8:02	8:32	30	2.5/2.5	75	2797	3.51/100	0.0360
04	6		H. Carlsen / Glass deliv.	STEL	8:05	8:35	30	2.5/2.5	75	2798	6.01/100	0.0392
05	6		D. McLaugh / scaffold	TWA	8:30	13:30	300	2.5/1.9	660	2799	2.51/100	0.0047
06	6		R. Byrnie / scaffold	TWA	8:30	13:30	300	2.5/1.9	660	2800	13.51/100	0.0108
07	6		V. Soto / Glass del.	TWA	8:32	11:30	178	2.5/2.5	445	2801	7.01/100	0.0077
08	6		M. Carlsen / Glass del.	TWA	8:35	11:33	178	2.5/2.5	445	2802	14.01/100	0.0154
09	6		V. Soto / Glass del.	TWA	11:40	14:30	180	2.5/2.3	432	2803	16.51/100	0.0195
10	6		H. Carlsen / Glass del.	TWA	11:33	14:33	180	2.5/2.3	432	2804	66.01/100	0.0782
11	-		BLANK							2805	01/100	
12	-		BLANK							2806	01/100	

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test

CODIES: 4 - During 5 - Final 6 - Personnel/OSHIA

Date/Time:

Received by (signature):

Date/Time:

Relinquished by (signature):

Date/Time:


TESTWEL' LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AJHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
04Pers	Michael Carlson PII	Personal STEL	Glass Delivery	2798	75	30	0.0392
08Pers	Michael Carlson PII	Personal TWA	Glass Delivery	2802	445	178	0.0154
10Pers	Michael Carlson PII	Personal TWA	Glass Delivery	2804	432	180	0.0782
11	Blank	Blank	N/A	2805	0	0	N/A
12	Blank	Blank	N/A	2806	0	0	N/A

Total Duration Sampled (min.) 388

Short Term Exposure Limit (STEL) 0.0392

8 hr. Time Weighted Average (TWA) 0.0375

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS

Project Site: MILLENIUM HILTON HOTEL

Project Address: 55 Church St. Manhattan

Report to: M. DEANE BOVIS

Tel/Fax

Company

Name

Date Analyzed: 2/15/02 Analyst: J.Y.

PCMB or TEM

Project #: MBO-025

Date: 2/14/02

Technician: S. MANUKOV

Signature: S.M.

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS:		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCMB # TEM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/min ² s/min ²
01	6	D. Mc Tough / SCAFFOLD	STEL	8:00	8:30	30	2.5/2.5	75	2795	2.01/100	2.0360	✓
02	6	R. Byrne / SCAFFOLD	STEL	8:00	8:30	30	2.5/2.5	75	2796	3.01/100	2.0360	✓
03	6	V. Soto / Glass deliv.	STEL	8:02	8:32	30	2.5/2.5	75	2797	3.51/100	2.0360	✓
04	6	H. Carlsen / Glass deliv.	STEL	8:05	8:35	30	2.5/2.5	75	2798	6.01/100	0.0392	✓
05	6	D. Mc Tough / scaffold	TWA	8:30	13:30	300	2.5/1.9	660	2799	2.51/100	2.0047	✓
06	6	R. Byrne / scaffold	TWA	8:30	13:30	300	2.5/1.9	660	2800	13.51/100	0.0108	✓
07	6	V. Soto / Glass del.	TWA	8:32	11:30	178	2.5/2.5	445	2801	7.01/100	0.0077	✓
08	6	M. Carlsen / Glass del.	TWA	8:35	11:33	178	2.5/2.5	445	2802	14.01/100	0.0154	✓
09	6	V. Soto / Glass del.	TWA	11:30	14:30	180	2.5/2.3	432	2803	16.51/100	0.0195	✓
10	6	M. Carlsen / Glass del.	TWA	11:33	14:33	180	2.5/2.3	432	2804	66.01/100	0.0782	✓
11	-	BLANK							2805	01/100	✓	✓
12	-	BLANK							2806	01/100	✓	✓

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:
S.M.	2/14/02	J. Jarama	2/15/02 8:55am

SAMPLE CODES:	1 - Ambient	2 - Background	3 - Pre-Test
	4 - During	5 - Final	6 - Personnel/OSHA

Millennium Hilton Hotel

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc
02/14/02	1P	Sackowski, D.	PII	entire building access	30	0.0360
02/14/02	3P	Sackowski, D.		entire building access	210	0.0051
02/14/02	8P	Sackowski, D.		entire building access	220	0.0334
				Total Duration Sampled (min.)	460	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0198
02/14/02	2P	Lewis, L		entire building access	30	0.0687
02/14/02	4P	Lewis, L		entire building access	210	0.0051
02/14/02	7P	Lewis, L		entire building access	240	0.0222
				Total Duration Sampled (min.)	480	
				Short Term Exposure Limit (STEL)		0.0687
				8 hr. Time Weighted Average (TWA)		0.0176
02/14/02	5P	Puntillo, Joe		entire building access	30	0.0360
02/14/02	6P	Puntillo, Joe		entire building access	120	0.0084
				Total Duration Sampled (min.)	150	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0044
02/14/02	9P	Millan, Julio		XXXX	150	0.0185
				Total Duration Sampled (min.)	150	
				Short Term Exposure Limit (STEL)		0.0185
				8 hr. Time Weighted Average (TWA)		0.0058

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.


TESTWEL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Sachowski, David PII	Personal STEL	Entire Building	2807	75	30	0.0360
03Pers	Sachowski, David PII	Personal TWA	Entire Building	2809	525	210	0.0051
08Pers	Sachowski, David PII	Personal TWA	Entire Building	2714	528	220	0.0334
10	Blank	Blank	N/A	2816	0	0	N/A
11	Blank	Blank	N/A	2817	0	0	N/A

Total Duration Sampled (min.)	460
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0198

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCart - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 1

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Boris Kened headsProject Site: Millennium Hilton HotelProject Address: 55 Church St. ManhattanReport to: Michael Deane Bovig

Name

Company

Tel/Fax

Date Analyzed: 2/15/02 Analyst: J.Y.

PCIM or TEM

Project #:

Date:

Technician:

Signature:

Rotometer:

Project #: 1180-025Date: 02.14.02Technician: RodriguezSignature: Rodriguez

Rotometer:

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCIM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/dcc	RESULTS: f/min s/pmm	
01 Pers	✓	SSI - entire Bldg.	STEEL	0720	0750	30	2.5/2.5	75	2807	5.5/100	0.0360	✓	
02 Pers	✓	SSI - entire Bldg.	STEEL	0720	0750	30	2.5/2.5	75	2808	10.5/100	0.0687	✓	
03 Pers	✓	L. Lewis - entire Bldg.	TWA	0750	1120	210	2.5/2.5	525	2809	5.0/100	<0.005	✓	
04 Pers	✓	L. Lewis - entire Bldg.	TWA	0750	1120	210	2.5/2.5	525	2810	7.0/100	<0.005	✓	
05 Pers	✓	L. Lewis - entire Bldg.	STEEL	0860	0910	30	2.5/2.5	75	2811	2.5/100	<0.0360	✓	
06 Pers	✓	L. Lewis - entire Bldg.	TWA	0910	1130	120	2.5/2.3	336	2812	3.0/100	<0.0084	✓	
07 Pers	✓	L. Lewis	TWA	1120	1520	240	2.5/2.3	576	2813	25.0/100	0.0222	✓	
08 Pers	✓	D. Sackow Sidi	TWA	1120	1500	220	2.5/2.3	528	2814	34.5/100	0.0334	✓	
09 Pers	✓	Julio Millan	TWA	1300	1530	150	2.3/2.3	345	2815	13.0/100	0.0185	✓	
10 Pers	✓	Rodriguez							2816	0/100			
11 Pers	✓								2817	0/100			
										1			
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE CODES:		3 - Pre-Test		6 - Personal/OSTA	
R. K. R.		02.14.02		J. Yarnwood		2/15/02 7:00am		1 - Ambient 2 - Background 4 - During 5 - Final		3 - Pre-Test		6 - Personal/OSTA	


TESTWEL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
02Pers	Leonard Lewis PII	Personal STEL	Entire Building	2808	75	30	0.0687
04Pers	Leonard Lewis PII	Personal TWA	Entire Building	2810	525	210	0.0051
07Pers	Leonard Lewis PII	Personal TWA	Entire Building	2813	576	240	0.0222
10	Blank	Blank	N/A	2816	0	0	N/A
11	Blank	Blank	N/A	2817	0	0	N/A

Total Duration Sampled (min.)	480
Short Term Exposure Limit (STEL)	0.0687
8 hr. Time Weighted Average (TWA)	0.0176

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 1

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Boris kend heathProject Site: Millennium Hilton HotelProject Address: 55 church str. ManhattanReport to: Michael Jeanne Bovis

(912) 542-6988

Tel/Fax

Company

Name

Date Analyzed: 2/15/02 Analyst: J.Y.

FCM or TEM

Project #:

Date:

Technician:

Signature:

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	Δ PCM # TEM #	FIBERS/FIELDS	RESULTS f/cc f/s/cc	RESULTS /mm ² /s/mm ²
01 Pers	G	D. Sackowski - entire Buil.	STEL	0720	0750	30	2.5/2.5	75	2807	5.5/100	0.0360	✓
02 Pers		L. Lewis - entire Buil.	STEL	0720	0750	30	2.5/2.5	75	2808	10.5/100	0.0687	✓
03 Pers		D. Sackowski - entire Buil.	TWA	0750	1120	210	2.5/2.5	525	2809	5.0/100	<0.005	✓
04 Pers		L. Lewis - entire Buil.	TWA	0750	1120	210	2.5/2.5	525	2810	7.0/100	<0.005	✓
05 Pers		L. Lewis - entire Buil.	STEL	0800	0910	30	2.5/2.5	75	2811	2.5/100	<0.0360	✓
06 Pers		L. Lewis - entire Buil.	TWA	0910	1130	120	2.5/2.3	336	2812	3.0/100	<0.0084	✓
07 Pers		L. Lewis	TWA	1120	1520	240	2.5/2.3	576	2813	25.0/100	0.0222	✓
08 Pers		D. Sackowski	TWA	1120	1500	220	2.5/2.3	528	2814	34.5/100	0.0334	✓
09 Pers		Julio Millan	TWA	1300	1530	150	2.3/2.3	345	2815	13.0/100	0.0185	✓
10 Pers		Ricard Polanco							2816	0/100		
11 Pers									2817	0/100		
										1		

Relinquished by (signature): JKansDate/Time: 02.14.02Received by (signature): J. YarnesDate/Time: 2/15/02

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

ALHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
05Pers	Joseph Puntillo PII	Personal STEL	Entire Building	2811	75	30	0.0360
06Pers	Joseph Puntillo PII	Personal TWA	Entire Building	2812	336	120	0.0084
10	Blank	Blank	N/A	2816	0	0	N/A
11	Blank	Blank	N/A	2817	0	0	N/A

Total Duration Sampled (min.) 150

Short Term Exposure Limit (STEL) 0.0360

8 hr. Time Weighted Average (TWA) 0.0044

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

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Deborah McCarl - Laboratory Director


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 2C0083-0

AIHA # 1C0147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/14/02

Project #: MBO-025AB

Date Rec'd (lab): 02/15/02

Analysis Date: 02/15/02

Analyst: J. Yarusso

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
9Pers	Julio Millau PII	Personal TWA	Entire Building	2815	345	150	0.0185
10	Blank	Blank	N/A	2816	0	0	N/A
11	Blank	Blank	N/A	2817	0	0	N/A

Total Duration Sampled (min.)	150
Short Term Exposure Limit (STEL)	0.0185
8 hr. Time Weighted Average (TWA)	0.0058

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Deborah McCarl - Laboratory Director

Millennium Hilton Hotel

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc
02/13/02	1P	Sachowski, David	P11	entire building access	30	0.7809
02/13/02	2P	Sachowski, David		entire building access	150	0.0052
02/13/02	13P	Sachowski, David		entire building access	120	0.0060
02/13/02	19P	Sachowski, David		entire building access	180	0.0964
				Total Duration Sampled (min.)	480	
				Short Term Exposure Limit (STEL)		0.7809
				8 hr. Time Weighted Average (TWA)		0.0881
02/13/02	3P	Lewis, Leonard		entire building access	30	0.6742
02/13/02	4P	Lewis, Leonard		entire building access	140	0.1028
02/13/02	14P	Lewis, Leonard		entire building access	120	0.0566
02/13/02	18P	Lewis, Leonard		entire building access	180	0.0473
				Total Duration Sampled (min.)	470	
				Short Term Exposure Limit (STEL)		0.6742
				8 hr. Time Weighted Average (TWA)		0.1040
02/13/02	5P	Soto, Victor		15-20th Floor	30	0.0392
02/13/02	6P	Soto, Victor		15-20th Floor	120	0.0714
02/13/02	16P	Soto, Victor		15-20th Floor	120	0.0129
				Total Duration Sampled (min.)	270	
				Short Term Exposure Limit (STEL)		0.0392
				8 hr. Time Weighted Average (TWA)		0.0235
02/13/02	7P	Carlsen, Michael		19-22nd Floor	30	0.0360
02/13/02	8P	Carlsen, Michael		19-22nd Floor	120	0.0572
02/13/02	17P	Carlsen, Michael		19-22nd Floor	120	0.0416
				Total Duration Sampled (min.)	270	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0270
02/13/02	9P	Puntillo, Joe		entire building access	30	0.0360
02/13/02	10P	Puntillo, Joe		entire building access	120	0.0132
				Total Duration Sampled (min.)	150	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0056
02/13/02	11P	McTough, Danny		scaffold entire	180	0.0649
				Total Duration Sampled (min.)	180	
				8 hr. Time Weighted Average (TWA)		0.0243
02/13/02	12P	Salerno, Joe		scaffold entire	180	0.0327
				Total Duration Sampled (min.)	180	
				8 hr. Time Weighted Average (TWA)		0.0123
02/13/02	14P	Dackow, George		scaffold entire	180	0.0123
				Total Duration Sampled (min.)	180	
				8 hr. Time Weighted Average (TWA)		0.0046

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 02/14/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Sachowski, David PII	Personal STEL	Entire Building	2709	75	30	0.7809
02Pers	Sachowski, David PII	Personal TWA	Entire Building	2710	375	150	0.0052
13Pers	Sachowski, David PII	Personal TWA	Entire Building	2721	288	120	0.0060
19Pers	Sachowski, David PII	Personal TWA	Entire Building	2727	414	180	0.0964
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.)	480
Short Term Exposure Limit (STEL)	0.7809
8 hr. Time Weighted Average (TWA)	0.0881

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

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Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

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Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 2

Client: Bovis bend lease
 Project Site: Millenium Hilton Hotel
 Project Address: 55 Church St. Manhattan
 Report to: Michael Dean Bovis (212) 592-6988

Project #: MB0-025
 Date: 02.13.02
 Technician: Ros to karr / S. Mann
 Signature: R. Davis / S. Mann
 Rotometer: _____

Date Analyzed: 2/14/02 Analyst: AM
 Name: _____ Company: _____ Tel/Fax: _____
 (PCM) or TEM

ANALYSIS: LABORATORY USE ONLY										RESULTS:	
FIELD SAMPLE #	SAMPLE TYPE	CANAL LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: /cc /s/cc /mm ² /s/mm ²
1 Pers	6	entire building	STEL	0730	0800	30	2.5/2.5	75	2709	115/85	0.7809
2 Pers		entire building		0800	1030	150	2.5/2.5	375	2710	3/100	0.00523
3 Pers		entire building	STEL	0740	0810	30	2.5/2.5	75	2711	100/97	0.6742
4 Pers		entire building		0810	1030	140	2.5/2.5	350	2712	98/100	0.1028
5 Pers		entire building	STEL	0900	0930	30	2.5/2.5	75	2713	6/100	0.0392
6 Pers		entire building		0930	1130	120	2.5/2.3	288	2714	66/100	0.0714
7 Pers		entire building	STEL	0905	0935	30	2.5/2.5	75	2715	4/100	0.0360
8 Pers		entire building		0935	1135	120	2.5/2.3	288	2716	52/100	0.0572
9 Pers		entire building	STEL	0930	0950	30	2.5/2.5	75	2717	3.5/100	0.0360
10 Pers		entire building		0950	1150	120	2.5/2.3	288	2718	9/100	0.0132
11 Pers		entire building	TWA	1030	1380	180	2.5/2.3	432	2719	62.5/100	0.0649
12 Pers		entire building	TWA	1030	1330	180	2.5/2.3	432	2720	31/100	0.0327

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: 4 - During 5 - Final 6 - Personal/OSHA

Relinquished by (signature): R. Davis Date/Time: 02.13.02
 Received by (signature): AM Date/Time: 2:00 2/14

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 2 of 2

Client: Bovis hend leaseProject Site: Millennium Hilton HotelProject Address: 55 church str. New YorkReport to: Michael Dean Bovis

Project #:

1430-025

Date:

02.13.02

Technician:

Robert L. Harris / S. Harris

Signature:

Robert L. Harris / S. Harris

Name

Company

Tel/Fax

PCM or TEM

Rotometer:

Date Analyzed: 2/14/02 Analyst: [Signature]

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
									PCM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ³ s/mm ³
13 Pers	6	David Sachowski, entire Blvd.	TWA	1030	1230	120	2.5/2.3	288	2721	2/100	0.0007	0.006
14 Pers		Gregory Lewis, entire Blvd.	TWA	1030	1230	120	2.5/2.3	288	2722	51.5/100	0.0027	0.0566
15 Pers		George Backus, entire Blvd.	TWA	1030	1330	180	2.5/2.3	432	2723	11/100	0.0123	
16 Pers		Victor Soto, 15-20 Floor, inside	TWA	1130	1330	120	2.3/2.3	276	2724	8.5/100	0.0129	
17 Pers		Michael Carlson, 19-22 Floor, inside	TWA	1135	1335	120	2.3/2.3	276	2725	34.5/100	0.0416	
18 Pers		L. Lewis / Entire Bldg.	TWA	12:30	1530	180	2.3/2.3	414	2726	45/100	0.0473	
19 Pers		D. Sachowski / Entire Bldg.	TWA	12:30	1530	180	2.3/2.3	414	2727	93/100	0.0964	
20		Blank							2728	0/100		
21		Blank							2729	0/100		
										1		
										1		
										1		

Relinquished by (signature): [Signature]Date/Time: 02.13.02Received by (signature): [Signature]Date/Time: 2/14 2:00

SAMPLES

1 - Ambient

2 - Background

3 - Pre-Test

CODING: 4 - During 5 - Final

6 - Personal/OSHIA



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIIA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 02/14/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
03Pers	Leonard Lewis PII	Personal STEL	Entire Building	2711	75	30	0.6742
04Pers	Leonard Lewis PII	Personal TWA	Entire Building	2712	350	140	0.1028
14Pers	Leonard Lewis PII	Personal TWA	Entire Building	2722	288	120	0.0566
18Pers	Leonard Lewis PII	Personal TWA	Entire Building	2726	414	180	0.0473
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.) 470

Short Term Exposure Limit (STEL) 0.6742

8 hr. Time Weighted Average (TWA) 0.1040

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

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TESTWELL LABORATORIES, INC.

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Air Sample Data Chain of Custody

Page 1 of 2Client: Bovis bend beateProject Site: Millenium Hilton HotelProject Address: 55 Church St. ManhattanReport to: Michael Dean Bovis (212) 592-6488

Tel/Fax

Company

Name

Date Analyzed: 2/14/02 Analyst: AM

(PCM) or TEM

Project #:

Date: 02.13.02Technician: Kogelmann / S. MannSignature: K. Raus / S. Mann

Rotometer:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			RESULTS: f/cc l s/cc	RESULTS: f/mm ² l s/mm ²
									PCM # TEM #	FIBERS/ FIELDS			
1 Pers	6	SS: <u>entire</u> <u>Davis Sackowski Bldg.</u>	STEL	0730	0800	30	2.5/2.5	75	2709	115/85	0.7809		
2 Pers		SS: <u>entire</u> <u>TWA.</u>		0800	1030	150	2.5/2.5	375	2710	31/100	0.00523		
3 Pers		SS: <u>entire</u> <u>Leonard Lewis</u>	STEL	0740	0810	30	2.5/2.5	75	2711	100/97	0.6742		
4 Pers		SS: <u>entire</u> <u>TWA</u>		0810	1030	140	2.5/2.5	350	2712	98/100	0.1028		
5 Pers		SS: <u>15-20 floor</u> <u>Victor Soto</u>	STEL	09:00	0930	30	2.5/2.5	75	2713	61/100	0.6392		
6 Pers		SS: <u>17-22 floor</u> <u>TWA.</u>		0930	1130	120	2.5/2.3	288	2714	66/100	0.0714		
7 Pers		SS: <u>entire</u> <u>Michael Carlson</u>	STEL	0905	0935	30	2.5/2.5	75	2715	41/100	0.0360		
8 Pers		SS: <u>entire</u> <u>TWA.</u>		0935	1135	120	2.5/2.3	288	2716	52/100	0.0572		
9 Pers		SS: <u>entire</u> <u>Top Penttila: entire Bldg.</u>	STEL	0930	0950	30	2.5/2.5	75	2717	3.5/100	0.0360		
10 Pers		SS: <u>entire</u> <u>TWA</u>		0950	11:50	120	2.5/2.3	288	2718	91/100	0.0132		
11 Pers		SS: <u>entire</u> <u>TWA: Scaffolding</u>	TWA	1030	1380	180	2.5/2.3	432	2719	62.5/100	0.0019		
12 Pers		SS: <u>entire</u> <u>Top Sackowski Scaffolding</u>	TWA	1030	1330	180	2.5/2.3	432	2720	31/100	0.0327		

Relinquished by (signature): W. DavisDate/Time: 02.13.02Received by (signature): AMDate/Time: 2/14

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 02/14/02

Analyst: D. Agarest

 Sample Location: The Millenium Hilton
 55 Church Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
5Pers	Victor Soto PII	Personal STEL	15th - 20th Floors	2713	75	30	0.0392
6Pers	Victor Soto PII	Personal TWA	15th - 20th Floors	2714	288	120	0.0714
16Pers	Victor Soto PII	Personal TWA	15th - 20th Floors	2724	276	120	0.0129
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.)	270
Short Term Exposure Limit (STEL)	0.0392
8 hr. Time Weighted Average (TWA)	0.0235

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

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Air Sample Data Chain of Custody

Page 1 of 2

Client: Bovis Lend Lease
Project Site: Millennium Hilton Hotel
Project Address: 55 Church St. Manhattan
Report to: Michael Dean Bovis (212) 592-6988

Project #: MB0-025
Date: 02.13.02
Technician: Roskarn / S. Mann
Signature: R. Karn / S. Mann
Rotometer: _____

Name: _____
Company: APM
Date Analyzed: 2/14/02 Analyst: _____
PCM or TEM: PCM

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
									PCM #	FIBERS/FIELDS	RESULTS: f/cc s/cc
1 Pers	6	David Sackowski, Bldg. STEL		0730	0800	30	2.5/2.5	75	2709	115/85	0.7809
2 Pers		11 - TWA		0800	1030	150	2.5/2.5	375	2710	3/100	0.00523
3 Pers		Leonard Lewis, STEL		0740	0810	30	2.5/2.5	75	2711	100/97	0.6742
4 Pers		11 - TWA		0810	1030	140	2.5/2.5	350	2712	98/100	0.1028
5 Pers		Victor Soto, STEL		0900	0930	30	2.5/2.5	75	2713	6/100	0.0392
6 Pers		11 - TWA		0930	1130	120	2.5/2.3	288	2714	66/100	0.0714
7 Pers		Michael Carlson, STEL		0905	0935	30	2.5/2.5	75	2715	4/100	0.0360
8 Pers		11 - TWA		0935	1135	120	2.5/2.3	288	2716	52/100	0.0572
9 Pers		Top Pentillo, STEL		0920	0950	30	2.5/2.5	75	2717	3.5/100	0.0360
10 Pers		TWA		0950	1150	120	2.5/2.3	288	2718	9/100	0.0132
11 Pers		TWA, Danny Mc Dougall, STEL		1030	1380	180	2.5/2.3	432	2719	62.5/100	0.0619
12 Pers		15 - Central, STEL		1030	1330	180	2.5/2.3	432	2720	31/100	0.0327

Relinquished by (signature): W. Karn Date/Time: 02.13.02
Received by (signature): APM Date/Time: 2/14
SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
CODES: 4 - During 5 - Final 6 - Personnel/OSHA

2/14/02 10:45

Air Sample Data Chain of Custody

Page 2 of 2

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend lease

Project Site: Millennium Hilton Hotel

Project Address: 55 church str. Newhastan

Report to: Michael Dean Bovis

Company

Tel/Fax

Name

Date Analyzed: 2/14/02 Analyst: [Signature]

PCM or TEM

Project #:

1430-025

Date:

02.13.02

Technician:

Rosetta Leavins / S. Hauer

Signature:

R. Davis / S. Hauer

Rotometer:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
									PCM # TEM #	FIBERS/ FIELDS	RESULTS: /cc / s/dc	RESULTS: /mm ² / s/mm ²
13 Pers	6	David Sachowski, entire	TWA	1030	1230	120	2.5/2.3	288	2721	2/100	0.0077	0.006
14 Pers		Leonard Lewis, entire	TWA	1030	1230	120	2.5/2.3	288	2722	51.5/100	0.0877	0.0566
15 Pers		George Backus, entire	TWA	1030	1330	180	2.5/2.3	432	2723	11/100	0.0123	
16 Pers		Victor Soto, 15-20 Floor	TWA	1130	1330	120	2.3/2.3	276	2724	8.5/100	0.0129	
17 Pers		Michael Carls, Sec.	TWA	1135	1335	120	2.3/2.3	276	2725	56.5/100	0.0416	
18 Pers		L. Lewis / Entire Bldg.	TWA	1230	1330	180	2.3/2.3	414	2726	45/100	0.0473	
19 Pers		D. Sachowski / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2727	93/100	0.0964	
20		BL Hall							2728	0/100		
21		BL Hall							2729	0/100		
										1		
										1		
										1		

Relinquished by (signature): <u>R. Davis</u>	Date/Time: <u>02.13.02</u>	Received by (signature): <u>[Signature]</u>	Date/Time: <u>2/14 2:00</u>
	SAMPLES: 1 - Ambient 2 - Background 3 - Pre-Test CODING: 4 - During 5 - Final 6 - Personnel/OSHA		


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 02/14/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
7Pers	Michael Carlson PII	Personal STEL	19th - 22nd Floors	2715	75	30	0.0360
8Pers	Michael Carlson PII	Personal TWA	19th - 22nd Floors	2716	288	120	0.0572
17Pers	Michael Carlson PII	Personal TWA	19th - 22nd Floors	2725	276	120	0.0416
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.) 270

Short Term Exposure Limit (STEL) 0.0360

8 hr. Time Weighted Average (TWA) 0.0270

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

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Air Sample Data Chain of Custody

Page 1 of 2

Client: Bovis bend leaseProject Site: Millenium Hilton HotelProject Address: 55 Church St. ManhattanReport to: Michael Dean Bovis (212) 592-6988

Tel/Fax

Company

Name

Date Analyzed: 2/14/02 Analyst: AM

PC/M or TEM

Project #:

Date:

Technician:

Signature:

Rotometer:

FIELD SAMPLE #		SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PC/M #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mm ²
1 Pers	6		entire Building David Sackowski	STEL	0730	0800	30	2.5/2.5	75	2709	115/85	0.7809	
2 Pers			entire Building TWA		0800	1030	150	2.5/2.5	375	2710	3/100	0.00523	
3 Pers			entire Building Leonard Lewis	STEL	0740	0810	30	2.5/2.5	75	2711	100/97	0.6742	
4 Pers			entire Building TWA		0810	1030	140	2.5/2.5	350	2712	98/100	0.1028	
5 Pers			15-20 Floor Victor Soto	STEL	0910	0930	30	2.5/2.5	75	2713	6/100	0.0392	
6 Pers			entire Building TWA		0930	1130	120	2.5/2.3	288	2714	66/100	0.0714	
7 Pers			19-22 Floor Michael Carlsen	STEL	0905	0935	30	2.5/2.5	75	2715	4/100	0.0360	
8 Pers			entire Building TWA		0935	1135	120	2.5/2.3	288	2716	52/100	0.0572	
9 Pers			entire Building TWA	STEL	0920	0950	30	2.5/2.5	75	2717	3.5/100	0.0360	
10 Pers			entire Building TWA		0950	1150	120	2.5/2.3	288	2718	9/100	0.0132	
11 Pers			entire Building TWA	TWA	1030	1380	180	2.5/2.3	432	2719	62.9/100	0.0619	
12 Pers			entire Building TWA	TWA	1030	1330	180	2.5/2.3	432	2720	31/100	0.0327	

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/TOSHIA

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 2 of 2

Client: Bovis bend lease

Project Site: Millennium Pl. & Fox Hotel.

Project Address: 55 Church St. New York, NY

Report to: Michael Dean Bovis

TEL (914) 944-2570

Company

Name

Date Analyzed: 2/14/02 Analyst: [Signature]

TCM or TEM

Project #:

2130-025

Date:

02.13.02

Technician:

Kosta Lavouris / S. Hauer

Signature:

K. Davis / S. Hauer

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc f s/cc	RESULTS: f/mm ² f s/mm ²
13 Pers	6	David Sackowski, entire Bldg.	TWA	1030	1230	120	2.5/2.3	288	2721	2 1100	200077	0.0006
14 Pers		Leonard Lewis, entire Bldg.	TWA	1030	1230	120	2.5/2.3	288	2722	51.5/100	200077	0.0566
15 Pers		6 fold George Sackowski, entire Bldg.	TWA	1030	1330	180	2.5/2.3	432	2723	11 1100	0.0123	
16 Pers		Victor Soto, 15-20 Floor, 19th & 22 Floor, entire Bldg.	TWA	1130	1330	120	2.3/2.3	276	2724	8.5/100	0.0129	
17 Pers		Michael Sackowski, entire Bldg.	TWA	1135	1335	120	2.3/2.3	276	2725	36.5/100	0.0416	
18 Pers		L. Lewis / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2726	45 1100	0.0473	
19 Pers		D. Sackowski / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2727	93 1100	0.0964	
20		BL Hall							2728	0 1100		
21		BL Hall							2729	0 1100		
										1		
										1		
										1		

SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test

4 - During 5 - Final 6 - Personnel/OSHA

Date/Time:

2/14 2:00

Received by (signature):

[Signature]

Date/Time:

02.13.02

Relinquished by (signature):

[Signature]


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIIA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 02/14/02

Analyst: D. Agarest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
09Pers	Joseph Puntillo PII	Personal STEL	Entire Building	2717	75	30	0.0360
10Pers	Joseph Puntillo PII	Personal TWA	Entire Building	2718	288	120	0.0132
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.)	150
Short Term Exposure Limit (STEL)	0.0360
8 hr. Time Weighted Average (TWA)	0.0056

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Project #: 1180-025
 Date: 02.13.02
 Technician: Rogers / S. Mann
 Signature: Rogers / S. Mann
 Rotometer: _____

Air Sample Data Chain of Custody
 Page 1 of 2

Client: Bovis Lend Lease
 Project Site: Millennium Hilton Hotel
 Project Address: 55 Church St. Manhattan
 Report to: Michael Dean Bovis (212) 592-6488
 Company: PCM or TEM
 Date Analyzed: 2/14/02 Analyst: SM

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
									PCM #	FIBERS/FIELDS	RESULTS: /cc / s/cc
1 Pers	6	David Sackowski, entire BUILD. STEL		0730	0800	30	2.5/2.5	75	2709	115/85	0.7809
2 Pers		--- TWA.		0800	1030	150	2.5/2.5	375	2710	3/100	0.00523
3 Pers		Leonard Lewis, entire BUILD. STEL		0740	0810	30	2.5/2.5	75	2711	100/97	0.6742
4 Pers		--- TWA		0810	1030	140	2.5/2.5	350	2712	98/100	0.1028
5 Pers		Victor Soto, 15-20 Floor.	STEL	0900	0930	30	2.5/2.5	75	2713	6/100	0.6392
6 Pers		--- TWA.		0930	1130	120	2.5/2.3	288	2714	66/100	0.0714
7 Pers		Michael Carlson, 19-22 Floor.	STEL	0905	0935	30	2.5/2.5	75	2715	4/100	<0.0360
8 Pers		--- TWA.		0935	1135	120	2.5/2.3	288	2716	52/100	0.0572
9 Pers		Top Pentello: entire Bld.	STEL	0920	0950	30	2.5/2.5	75	2717	3.5/100	0.0360
10 Pers		TWA ---		0950	1150	120	2.5/2.3	288	2718	9/100	0.0132
11 Pers		TWA: Danny Mc Tough, Scaffold	TWA	1030	1380	180	2.5/2.3	432	2719	62.9/100	0.0619
12 Pers		Top Sackowski, Scaffold.	TWA	1030	1330	180	2.5/2.3	432	2720	31/100	0.0327

Relinquished by (signature): W. Davis Date/Time: 02.13.02
 Received by (signature): SM Date/Time: 2:00 2/14
 SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test 4 - During 5 - Final 6 - Personnel/OSHIA

Air Sample Data Chain of Custody

Page 2 of 2

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend lease

Project Site: Millennium Hilton Hotel

Project Address: 55 church str. New Rochelle

Report to: Michael Dean Bovis (212) 542-6988

Name _____ Company _____

TEL#553

Company

Date Analyzed: 2/14/02 Analyst: [Signature]

TCM or TEM

Project #:

1430-025

Date:

02.13.02

Technician:

Rosetta Lewis / S. Hauer

Signature:

R. Hauer / S. Hauer

Rotometer:

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCMS TEM #	FIBERS/FIELDS	RESULTS f/cc s/cc	RESULTS f/mm ³ s/mm ³
13 Pers	6	David Sackowski, entire Build.	TWA	1030	1230	120	2.5/2.3	288	2721	2/100	0.0007	0.0006
14 Pers		Leonard Lewis, entire Build.	TWA	1030	1230	120	2.5/2.3	288	2722	51.5/100	0.0827	0.0566
15 Pers		George Dackow-Scaf. ^{in store}	TWA	1030	1330	180	2.5/2.3	432	2723	11/100	0.0123	
16 Pers		Victor Soto. 15-20 Floor	TWA	1130	1330	120	2.3/2.3	276	2724	8.5/100	0.0129	
17 Pers		Michael Carlson. 19-22 Floor	TWA	1135	1335	120	2.3/2.3	276	2725	36.5/100	0.0416	
18 Pers		L. Lewis / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2726	45/100	0.0473	
19 Pers		D. Sackowski / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2727	93/100	0.0964	
20		BLANK							2728	0/100		
21		BLANK							2729	0/100		
										1		
										1		
										1		

Relinquished by (signature): [Signature]

Date/Time: 02.13.02

Received by (signature): [Signature]

Date/Time: 2/14 2:00

SAMPLE: 1 - Ambient

2 - Background

3 - Pre-Test

CODES: 4 - During

5 - Final

6 - Personnel/OSHA



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AJHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 2/14/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
11Pers	Danny McTough PII	Personal TWA	Scaffold Entire	2719	432	180	0.0649
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.)	180
8 hr. Time Weighted Average (TWA)	0.0243

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTAVELL, LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562

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Page 2 of 2

Client: Bour's head, lease

Client: Millennium Pl. & Tour Hotel.
Project Site:

Project Address: 55 church st. New Hartford (9/3) 502-6088
p. 10

Report to: Michael Dean Bowis

Name _____

Date Analyzed: 2/14/02 Analyst:

[Signature]

107

Profit (Max)

Company

PCM or TEM

Rotameter:

Project #:

Date:

Technician:

Signature:

Rotameter:

Project #: 2430-025

Date: 02.13.02,

Technician: Kostas Kavvouni

Signature: Klaus / S. L.

Rotometer:

FIELD		SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
SAMPLE #	PERSON									PCM #	FIBERS/FIELDS	RESULTS: /cc s/cc	RESULTS: /mm² s/mm²
13 Pers	6		David Sachowski, entire Bldg.	TWA	1030	1230	120	2.5/2.3	288	2721	2/100	0.0007	0.0016
14 Pers			Leonard Lewis, entire Bldg.	TWA	1030	1230	120	2.5/2.3	288	2722	51.5/100	0.0077	0.0566
15 Pers			George Dackiw, scarf. fold. inside.	TWA	1030	1330	180	2.5/2.3	432	2723	11/100	0.0123	
16 Pers			Victor Soto. 15-20 Fibers inside.	TWA	1130	1330	120	2.3/2.3	276	2724	8.5/100	0.0129	
17 Pers			Michael Carr. Sec. 19-22 Floor inside.	TWA	1135	1335	120	2.3/2.3	276	2725	36.5/100	0.0416	
18 Pers			L. Lewis / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2726	45/100	0.0473	
19 Pers.			D. Sachowski / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2727	93/100	0.0964	
20			B L Hall							2728	0/100		
21			B L Hall							2729	0/100		
											1		
											1		
											1		

Relinquished by (signature): *[Signature]*

Date/Time: 02.13.02

Received by (signature): *[Signature]*

Date/Time: 2/14 2:00

SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test

4 - During 5 - Final 6 - Personal/OSHA


TESTWELL LABORATORIES, INC.

Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 2/14/02

Analyst: D. Agarest

 Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
12Pers	Joe Salerno PII	Personal TWA	Scaffold Entire	2720	432	180	0.0327
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.)	180
8 hr. Time Weighted Average (TWA)	0.0123

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.
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TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 2

Client: Bovis Lend Lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: Michael Dean Bovis (212) 592-6988

Tel: (59)

Company

Date Analyzed: 2/14/02 Analyst: AM

PCM or TEM

Project #:

Date: 02.13.02

Technician: Log to kann / S. Mann

Signature: R. Davis / S. Mann

Rotometer:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
									PCM #	FIBERS/FIELDS	RESULTS: /cc s/cc
1 Pers	6	David Sackowski, Build. STEL		0730	0800	30	2.5/2.5	75	2709	115/85	0.7809
2 Pers		--- TW A.		0800	1030	150	2.5/2.5	375	2710	31/100	0.00523
3 Pers		Leonard Lewis, STEL		0740	0810	30	2.5/2.5	75	2711	100/97	0.6742
4 Pers		--- TW A.		0810	1030	140	2.5/2.5	350	2712	98/100	0.1028
5 Pers		Victor Soto, STEL		09:00	0930	30	2.5/2.5	75	2713	6/100	0.0392
6 Pers		--- TW A.		0930	1130	120	2.5/2.3	288	2714	66/100	0.0714
7 Pers		Michael Carlson, STEL		0905	0935	30	2.5/2.5	75	2715	41/100	0.0360
8 Pers		--- TW A.		0935	1135	120	2.5/2.3	288	2716	52/100	0.0572
9 Pers		Top Pentello, STEL		0920	0950	30	2.5/2.5	75	2717	3.5/100	0.0360
10 Pers		TW A		0950	11:50	120	2.5/2.3	288	2718	9/100	0.0132
11 Pers		TW A. Scaffolding, STEL		1030	1380	180	2.5/2.3	432	2719	62.9/100	0.0619
12 Pers		Loc Sackowski, STEL		1030	1330	180	2.5/2.3	432	2720	31/100	0.0327

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

SAMPLE

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562
TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 2 of 2

Client: Bovis bend lease
Project Site: Millennium Hilton Hotel.
Project Address: 55 Church St. New York
Report to: Michael Dean Bovis (212) 542-6988

Project #: PIB0-025
Date: 02.13.02
Technician: Kosta Harris / S. Harris
Signature: K Harris / S. Harris

Rotometer: _____

PCM or TEM

Date Analyzed: 2/14/02 Analyst: [Signature]

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
									PCM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mm ²
13 Pers	6	David Sackowski, entire Build.	TWA	1030	1230	120	2.5/2.3	288	2721	2/100	200077	0.0006
14 Pers		Leonard Lewis, entire Build.	TWA	1030	1230	120	2.5/2.3	288	2722	51.5/100	200077	0.0566
15 Pers		6 fold. George Dackow-Seaf.	TWA	1030	1330	180	2.5/2.3	432	2723	11/100	0.0123	
16 Pers		Victor Soto. 15-20 Floor. Inside.	TWA	1130	1330	120	2.3/2.3	276	2724	8.5/100	0.0129	
17 Pers		Michael Caputo. 19-22 Floor. Inside.	TWA	1135	1335	120	2.3/2.3	276	2725	36.5/100	0.0416	
18 Pers		L. Lewis / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2726	45/100	0.0473	
19 Pers.		D. Sackowski / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2727	93/100	0.0964	
20		BLANK							2728	0/100	/	
21		BLANK							2729	0/100	/	
										1		
										1		
										1		

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE CODES:	1 - Ambient	2 - Background	3 - Pre-Test
<u>K Harris</u>	<u>02.13.02</u>	<u>[Signature]</u>	<u>2/14 2:00</u>				
					4 - During	5 - Final	6 - Personal/OSHA



TESTWELL LABORATORIES, INC.
Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142
NVLAP # 200083-0
AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/13/02

Project #: MBO-025AB

Date Rec'd (lab): 02/14/02

Analysis Date: 02/14/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
15Pers	George Dackow PII	Personal TWA	Scaffold Entire	2723	432	180	0.0123
20	Blank	Blank	N/A	2728	0	0	N/A
21	Blank	Blank	N/A	2729	0	0	N/A

Total Duration Sampled (min.)	180
8 hr. Time Weighted Average (TWA)	0.0046

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562

TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 2

Client: Bovis bend bease

Project Site: Millenium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: Michael Dean Bovis (212) 592-6988

Tel: (35)

Company

Name

Date Analyzed: 01/14/02 Analyst: APM

PCM or TEM

Project #:

Date: 02.13.02

Technician: Kogakawa / S. Mann

Signature: Kogakawa / S. Mann

Rotometer:

ANALYSIS: LABORATORY USE ONLY										RESULTS		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	RESULTS /cc l s/cc	RESULTS /mm ² l s/mm ²
1 Pers	6	<u>David Sackowski Building</u>	<u>STEL</u>	<u>0730</u>	<u>0800</u>	<u>30</u>	<u>2.5/2.5</u>	<u>75</u>	<u>0709</u>	<u>115/85</u>	<u>0.7809</u>	
2 Pers		<u>... - TWA</u>		<u>0800</u>	<u>1030</u>	<u>150</u>	<u>2.5/2.5</u>	<u>375</u>	<u>0710</u>	<u>3/100</u>	<u>0.00523</u>	
3 Pers		<u>Leonard Lewis</u>	<u>STEL</u>	<u>0740</u>	<u>0810</u>	<u>30</u>	<u>2.5/2.5</u>	<u>75</u>	<u>0711</u>	<u>100/197</u>	<u>0.6742</u>	
4 Pers		<u>... - TWA</u>		<u>0810</u>	<u>1030</u>	<u>140</u>	<u>2.5/2.5</u>	<u>350</u>	<u>0712</u>	<u>98/100</u>	<u>0.1028</u>	
5 Pers		<u>Vickor Soto</u>	<u>STEL</u>	<u>0900</u>	<u>0930</u>	<u>30</u>	<u>2.5/2.5</u>	<u>75</u>	<u>0713</u>	<u>6/100</u>	<u>0.0392</u>	
6 Pers		<u>... - TWA</u>		<u>0930</u>	<u>1130</u>	<u>120</u>	<u>2.5/2.3</u>	<u>288</u>	<u>0714</u>	<u>66/100</u>	<u>0.0714</u>	
7 Pers		<u>Michael Carlson</u>	<u>STEL</u>	<u>0905</u>	<u>0935</u>	<u>30</u>	<u>2.5/2.5</u>	<u>75</u>	<u>0715</u>	<u>4/100</u>	<u>0.0360</u>	
8 Pers		<u>... - TWA</u>		<u>0935</u>	<u>1135</u>	<u>120</u>	<u>2.5/2.3</u>	<u>288</u>	<u>0716</u>	<u>52/100</u>	<u>0.0572</u>	
9 Pers		<u>Top Pentello: entire Bld</u>	<u>STEL</u>	<u>0920</u>	<u>0950</u>	<u>30</u>	<u>2.5/2.5</u>	<u>75</u>	<u>0717</u>	<u>3.5/100</u>	<u>0.0360</u>	
10 Pers		<u>TWA</u>		<u>0950</u>	<u>1150</u>	<u>120</u>	<u>2.5/2.3</u>	<u>288</u>	<u>0718</u>	<u>9/100</u>	<u>0.0132</u>	
11 Pers		<u>TWA: Scaffolding</u>	<u>TWA</u>	<u>1030</u>	<u>1380</u>	<u>180</u>	<u>2.5/2.3</u>	<u>432</u>	<u>0719</u>	<u>62.5/100</u>	<u>0.0619</u>	
12 Pers		<u>Top Sackowski Scaffolding</u>	<u>TWA</u>	<u>1030</u>	<u>1330</u>	<u>180</u>	<u>2.5/2.3</u>	<u>432</u>	<u>0720</u>	<u>31/100</u>	<u>0.0327</u>	

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
CODIS: 4 - During 5 - Final 6 - Personal/OSHA

Date/Time: 0100 2/14

Received by (signature): APM

Date/Time: 02.13.02

Relinquished by (signature): W. J. ...

7/14/02 10:45

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 2 of 2

Client: Bovis hend leaseProject Site: Millennium Hilton Hotel.Project Address: 55 Church St. Manhattan (212) 542-6988Report to: Michael Dean Bovis

Name _____ Company _____

Tel/Fax

PCM or TEM

Date Analyzed: 2/14/02 Analyst: [Signature]

Project #:

P180-025

Date:

02.13.02

Technician:

Kostas Kavviri / S. Hanner

Signature:

Kostas / S. Hanner

Rotometer:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
									PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc f s/cc	RESULTS: f/min s/min
13 Pers	6	David Sachowski, entire ^{Build.}	TWA	1030	1230	120	2.5/2.3	288	2721	2/100	200077	0.006
14 Pers		Leonard Lewis, entire ^{Build.}	TWA	1030	1230	120	2.5/2.3	288	2722	51.5/100	20877	0.0566
15 Pers		George Dackiw-seaf. ^{Instac.}	TWA	1030	1330	180	2.5/2.3	432	2723	11/100	0.0123	
16 Pers		Victor Soto. 15-20 Floor ^{Instac.}	TWA	1130	1330	120	2.3/2.3	276	2724	8.5/100	0.0129	
17 Pers		Michael Carlson. ^{19-22 Floor Instac.}	TWA	1135	1335	120	2.3/2.3	276	2725	56.5/100	0.0416	
18 Pers		L. Lewis / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2726	45/100	0.0473	
19 Pers.		D. Sachowski / Entire Bldg.	TWA	1230	1530	180	2.3/2.3	414	2727	93/100	0.0964	
20		BLANK							2728	0/100	/	
21		BLANK							2729	0/100	/	
										1		
										1		
										1		

Relinquished by (signature): [Signature]Date/Time: 02.13.02Received by (signature): [Signature]Date/Time: 2/14/02

SAMPLE CODES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA

Millenium Hilton Hotel

Sample Date	Sample Number	Name Last, First	Last 4 #'s of SS#	Type of Activity	Duration (min.)	Result f/cc
02/12/02	01P	Sachowski, David	PII	entire building access	30	0.1471
02/12/02	02P	Sachowski, David		entire building access	120	0.0202
02/12/02	19P	Sachowski, David		entire building access	120	0.0155
				Total Duration Sampled (min.)	270	
				Short Term Exposure Limit (STEL)		0.1471
				8 hr. Time Weighted Average (TWA)		0.0181
02/12/02	03P	Lewis, Leonard		entire building access	30	0.1014
02/12/02	04P	Lewis, Leonard		entire building access	120	0.0225
				Total Duration Sampled (min.)	150	
				Short Term Exposure Limit (STEL)		0.1014
				8 hr. Time Weighted Average (TWA)		0.0120
02/12/02	15P	Soto, Victor		entire building access	30	0.0392
02/12/02	16P	Soto, Victor		entire building access	240	0.0157
				Total Duration Sampled (min.)	270	
				Short Term Exposure Limit (STEL)		0.0392
				8 hr. Time Weighted Average (TWA)		0.0103
02/12/02	11P	Carlsen, Michael		entire building access	30	0.0523
02/12/02	12P	Carlsen, Michael		entire building access	240	0.0148
				Total Duration Sampled (min.)	270	
				Short Term Exposure Limit (STEL)		0.0523
				8 hr. Time Weighted Average (TWA)		0.0107
02/12/02	07P	Puntillo, Joe		entire building access	30	0.0360
02/12/02	08P	Puntillo, Joe		entire building access	120	0.0097
				Total Duration Sampled (min.)	150	
				Short Term Exposure Limit (STEL)		0.0360
				8 hr. Time Weighted Average (TWA)		0.0047
02/12/02	09P	McTough, Danny		scaffold entire	30	0.0687
02/12/02	10P	McTough, Danny		scaffold entire	240	0.0119
				Total Duration Sampled (min.)	270	
				Short Term Exposure Limit (STEL)		0.0687
				8 hr. Time Weighted Average (TWA)		0.0102
02/12/02	05P	Maddox, Sal		scaffold entire	30	0.0490
02/12/02	06P	Maddox, Sal		scaffold entire	180	0.0103
02/12/02	18P	Maddox, Sal		entire building access	90	0.0109
				Total Duration Sampled (min.)	210	
				Short Term Exposure Limit (STEL)		0.0490
				8 hr. Time Weighted Average (TWA)		0.0069
02/12/02	17P	Millau, Julio		scaffold entire	160	0.0093
				Total Duration Sampled (min.)	160	
				8 hr. Time Weighted Average (TWA)		0.0031
02/12/02	13P	Dackow, George		scaffold entire	30	0.0425
02/12/02	14P	Dackow, George		scaffold entire	240	0.0110
				Total Duration Sampled (min.)	30	
				Short Term Exposure Limit (STEL)		0.0031
				8 hr. Time Weighted Average (TWA)		0.0027

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
01Pers	Sachowski, David PII	Personal STEL	Entire Building	2601	75	30	0.1471
02Pers	Sachowski, David PII	Personal TWA	Entire Building	2602	300	120	0.0202
19Pers	Sachowski, David PII	Personal TWA	Entire Building	2619	276	120	0.0155
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	270
Short Term Exposure Limit (STEL)	0.1471
8 hr. Time Weighted Average (TWA)	0.0181

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 2

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend lease.

Project Site: Hillview Hilton Hotel.

Project Address: 55 Church St. New York, NY.

Report to: M. Deane Bovis (212) 592-6988

Name: M. Deane Company: Bovis Tel/Fax: (212) 592-6988

Date Analyzed: 2/13/02 Analyst: D.A.

PCM or TEM

Project #: MBO-025

Date: 02.12.02

Technician: R. Stokarovich / S. Manu

Signature: S. Manu

Rotometer: 016-K

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: /cc s/cc	RESULTS: /mm ² s/mm ²
01 Pers	G	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601	22.5/100	0.1471	
02 Pers		TWA		0850	10:50	120	2.5/2.5	300	2602	31/100	0.0202	
03 Pers		STEL-Leonard Lewis		0825	0855	30	2.5/2.5	75	2603	15.5/100	0.1014	
04 Pers		TWA		0855	10:55	120	2.5/2.0	270	2604	33/100	0.02248	
05 Pers		STEL-Sak Meddow		0830	0900	30	2.5/2.5	75	2605	7.5/100	0.0490	
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606	7/100	0.0103	
07 Pers		STEL-Joe Funtillo		0835	0905	30	2.5/2.5	75	2607	5/100	0.0360	
08 Pers		TWA		0905	11:05	120	2.5/2.5	300	2608	5.5/100	0.0097	
09 Pers		STEL-Danny Mc Donnell		0840	0910	30	2.5/2.5	75	2609	10.5/100	0.0687	
10 Pers		TWA		0910	13:10	240	2.5/2.1	552	2610	15.5/100	0.0119	
11 Pers		STEL-Michael Carlsen		0845	0915	30	2.5/2.5	75	2611	8/100	0.0523	
12 Pers	✓	TWA		0915	13:15	240	2.5/2.1	552	2612	22/100	0.0148	
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE CODES:		1 - Ambient 2 - Background 3 - Pre-Test 4 - During 5 - Final Personal/OSHA		
W. Davis / S. Manu		02.12.02 16:30 pm		[Signature]		02.12.02 16:30 pm				[Signature] Personal/OSHA		

STEL 0.5h
TWA 0.5h


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	PCM #	Volume	Duration (min.)	Concentration f/cc
03Pers	Leonard Lewis PII	Personal STEL	Entire Building	2603	75	30	0.1014
04Pers	Leonard Lewis PII	Personal TWA	Entire Building	2604	270	120	0.0225
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	150
Short Term Exposure Limit (STEL)	0.1014
8 hr. Time Weighted Average (TWA)	0.0120

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 2

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. New York City

Report to: M. Deane Bovis (212) 592-6988

Name: M. Deane Company: Bovis Tel/Fax: (212) 592-6988

Date Analyzed: 2/13/02 Analyst: D.A.

PCM or TEM

Project #:

Date:

Technician:

Signature:

Rotometer:

MBO-025

02.12.02

K. Stokaric / S. Manu

S. Manu

015-6

ANALYSIS: LABORATORY USE ONLY										RESULTS	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc f/s/cc f/mm f/s/mm
01 Pers	G	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601	22.5/100	0.1471
02 Pers		TWA		0850	10:50	120	2.5/2.5	300	2602	31/100	0.0202
03 Pers		STEL-David Sackowski		0825	0855	30	2.5/2.5	75	2603	15.5/100	0.1014
04 Pers		TWA		0855	10:55	120	2.5/2.5	270	2604	33/100	0.02248
05 Pers		STEL-David Sackowski		0830	0900	30	2.5/2.5	75	2605	7.5/100	0.0490
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606	7/100	0.0103
07 Pers		STEL-David Sackowski		0835	0905	30	2.5/2.5	75	2607	5/100	0.0360
08 Pers		TWA		0905	11:05	120	2.5/2.5	300	2608	5.5/100	0.0097
09 Pers		STEL-David Sackowski		0840	0910	30	2.5/2.5	75	2609	10.5/100	0.0687
10 Pers		TWA		0910	13:10	240	2.5/2.1	552	2610	15.5/100	0.0119
11 Pers		STEL-David Sackowski		0845	0915	30	2.5/2.5	75	2611	8/100	0.0523
12 Pers		TWA		0915	13:15	240	2.5/2.1	552	2612	22/100	0.0148

Relinquished by (signature): W. Davis / S. Manu Date/Time: 02.12.02 16:30 pm

Received by (signature): W. Davis Date/Time: 02.12.02 16:30 pm

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test

CODIS: 4 - During 5 - Final

Personal/OSHA: Step 0.5h

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 2 of 2

Client: Bovis Lend Lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: M. Team Bovis Tel/Fax: (212) 592-6988

Date Analyzed: 2/13/02 Analyst: D.A.

Project #:

MB0-025

Date:

02.12.02

Technician:

Rosette Lavinio/S.A.

Signature:

Rosette Lavinio/S.A.

Rotometer:

016K

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCMS TEM #	FIBERS/FIELDS	RESULTS: 1/cc 1 s/cc	RESULTS: 1/mm ² 1 s/mm ²
13 Pers	6	Steel-George Jackson		0850	0920	30	2.5/2.5	75	2613	6.5/100	0.0425	
14 Pers		TWA - " - "		0920	1320	240	2.5/2.1	552	2614	13.5/100	0.011	
15 Pers		Steel-Victor Soto		0855	0925	30	2.5/2.5	75	2615	6/100	0.0392	
16 Pers		TWA - " - "		0925	1325	240	2.5/2.1	552	2616	24/100	0.0157	
17 Pers		TWA - Julio Millan		1230	1510	160	2.5/2.3	344	2617	5.5/100	0.0093	
18 Pers		TWA - Sak Maddox		1235	1405	90	2.5/2.5	225	2618	7/100	0.0109	
19 Pers		TWA - David Sadowski		1237	1437	120	2.5/2.1	276	2619	18/100	0.0155	
20		BLANK							2620	0/100		
21		BLANK							2621	0/100		

Relinquished by (signature): Rosette Lavinio Date/Time: 02.12.02 16:30

Received by (signature): [Signature] Date/Time:

SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test
4 - During 5 - Final 6 - Personal/OSHIA



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Church Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
05Pers	Sal Maddox PII	Personal STEL	Scaffold Entire	2605	75	30	0.0490
06Pers	Sal Maddox PII	Personal TWA	Scaffold Entire	2606	450	180	0.0103
18Pers	Sal Maddox PII	Personal TWA	Scaffold Entire	2618	225	90	0.0109
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	300
Short Term Exposure Limit (STEL)	0.0490
8 hr. Time Weighted Average (TWA)	0.0090

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantitation reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 2

Client: Bovis bend lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. New York City

Report to: M. Deane

Name: Bovis

Tel/Fax: (212) 592-6988

Date Analyzed: 2/13/02

Analyst: D.A.

PCM or TEM

Project #: MBO-025

Date: 02.12.02

Technician: Kosko Kaurin / S. MANU

Signature: S. MANU

Rotometer: 016-K

ANALYSIS: LABORATORY USE ONLY													
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc l/s/cc	RESULTS: f/mm ² l/s/mm ²	
01 Pers	6	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601	22.5/100	0.1471		
02 Pers		TWA		0850	10:50	120	2.5/2.5	300	2602	31/100	0.0202		
03 Pers		STEL-Leonard Lewis		0825	0855	30	2.5/2.5	75	2603	15.5/100	0.1014		
04 Pers		TWA		0855	10:55	120	2.5/2.0	270	2604	33/100	0.02248		
05 Pers		STEL-Sah Meddoox		0830	0900	30	2.5/2.5	75	2605	7.5/100	0.0490		
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606	7/100	0.0103		
07 Pers		STEL-Joe Funtillo		0835	0905	30	2.5/2.5	75	2607	5/100	0.0360		
08 Pers		TWA		0905	11:05	120	2.5/2.5	300	2608	5.5/100	0.0097		
09 Pers		STEL-Danny McLaughlin		0840	0910	30	2.5/2.5	75	2609	10.5/100	0.0687		
10 Pers		TWA		0910	13:10	240	2.5/2.1	552	2610	15.5/100	0.0119		
11 Pers		STEL-Michael Carlsen		0845	0915	30	2.5/2.5	75	2611	8/100	0.0523		
12 Pers	✓	TWA		0915	13:15	240	2.5/2.1	552	2612	22/100	0.0148		
Relinquished by (signature):		Date/Time: 16:30 on		Received by (signature):		Date/Time:		SAMPLES		CODING:			
Waters/Schauer		02.12.02		[Signature]				1 - Ambient		2 - Background		3 - Pre-Test	
								4 - During		5 - Final		Personal/OSHIA	
												STEL 0.54	
												TWA 0.51	


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIPA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton

55 Churuch Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
07Pers	Joseph Puntillo PII	Personal STEL	Entire Building	2607	75	30	0.0360
08Pers	Joseph Puntillo PII	Personal TWA	Entire Building	2608	300	120	0.0097
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.) 150

Short Term Exposure Limit (STEL) 0.0360

8 hr. Time Weighted Average (TWA) 0.0047

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director


TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
09Pers	Danny McTough PII	Personal STEL	Scaffold Entire	2609	75	30	0.0687
10Pers	Danny McTough PII	Personal TWA	Scaffold Entire	2610	552	240	0.0119
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	270
Short Term Exposure Limit (STEL)	0.0687
8 hr. Time Weighted Average (TWA)	0.0102

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562
TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend lease
Project Site: Millennium Hilton Hotel
Project Address: 55 Church St. New York, NY
Report to: M. Deane
Date Analyzed: 2/13/02 Analyst: D.A.

Project #: MBO-025
Date: 02.12.02
Technician: K. Stokhaver
Signature: S. H. Law
Rotometer: 015-K

PCM or TEM

ANALYSIS: LABORATORY USE ONLY										RESULTS		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	RESULTS f/cc f/s/cc	RESULTS f/min f/s/min
01 Pers	Q	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601	22.5/100	0.1471	
02 Pers		TWA		0850	10:50	120	2.5/2.5	300	2602	31/100	0.0202	
03 Pers		STEL-Leonard Lewis		0825	0855	30	2.5/2.5	75	2603	15.5/100	0.1014	
04 Pers		TWA		0855	10:55	120	2.5/2.0	270	2604	33/100	0.02248	
05 Pers		STEL-Sah Meddoox		0830	0900	30	2.5/2.5	75	2605	7.5/100	0.0490	
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606	7/100	0.0103	
07 Pers		STEL-Joe Funtillo		0835	0905	30	2.5/2.5	75	2607	5/100	0.0360	
08 Pers		TWA		0905	11:05	120	2.5/2.5	300	2608	5.5/100	0.0097	
09 Pers		STEL-Danny He Long H.		0840	0910	30	2.5/2.5	75	2609	10.5/100	0.0687	
10 Pers		TWA		0910	13:10	240	2.5/2.1	552	2610	15.5/100	0.0119	
11 Pers		STEL-Michael Carlsen		0845	0915	30	2.5/2.5	75	2611	8/100	0.0523	
12 Pers		TWA		0915	13:15	240	2.5/2.1	552	2612	22/100	0.0148	

Received by (signature): [Signature]
Date/Time: 02.12.02 16:30 PM
Relinquished by (signature): [Signature]
Date/Time: 02.12.02 16:30 PM

3 - Pre-Test
2 - Background
1 - Ambient
4 - During
5 - Final

Personal/OSHA
STEL 0.54
TWA 0.1

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis Lend Lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. Manhattan

Report to: M. Deane Bovis (212) 592-6088

Name Company

Date Analyzed: 2/13/02 Analyst: D.A.

PCM or TEM

Project #:

MB0-025

Date:

02.12.02

Technician:

Rosita Lavarneyko / S.N.A

Signature:

Rosita Lavarneyko / S.N.A

Rotometer:

06 K

ANALYSIS: LABORATORY USE ONLY										RESULTS	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	RESULTS f/cc l s/cc f/min l s/min
13 Pers	6	Steel-George Jackson		0850	0920	30	2.5/2.5	75	2613	6.5/100	0.0425
14 Pers		TWA - " - "		0920	1320	240	2.5/2.1	552	2614	13.5/100	0.011
15 Pers		STEEL - Victor Soto		0855	0925	30	2.5/2.5	75	2615	6.1/100	0.0392
16 Pers		TWA - " - "		0925	1325	240	2.5/2.1	552	2616	24.1/100	0.0157
17 Pers		TWA - Julio M. Llan.		12:30	1510	160	2.5/2.3	344.1	2617	5.5/100	0.0093
18 Pers		TWA - Sak Maddox		1235	1405	90	2.5/2.5	225	2618	7.1/100	0.0109
19 Pers		TWA - David S. ekowski		1237	1437	120	2.5/2.1	276	2619	18.1/100	0.0155
20		BLANK							2620	0.1/100	
21		BLANK							2621	0.1/100	

Relinquished by (signature): Rosita Lavarneyko Date/Time: 02.12.02 16:30 pm

Received by (signature): [Signature] Date/Time: 02.12.02 16:30 pm

SAMPLES: 1 - Ambient 2 - Background 3 - Pre-Test

CODES: 4 - During 5 - Final 6 - Personal/OSHA


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

A2HA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
11Pers	Michael Carlson PII	Personal STEL	Entire Building	2611	75	30	0.0523
12Pers	Michael Carlson PII	Personal TWA	Entire Building	2612	552	240	0.0148
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	270
Short Term Exposure Limit (STEL)	0.0523
8 hr. Time Weighted Average (TWA)	0.0107

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantitation reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 2

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend lease

Project Site: M. Mcnimm Hilton Hotel

Project Address: 55 Church St. New York

Report to: M. Deane Bovis (914) 592-6988

Date Analyzed: 2/13/02 Analyst: D.A.

Project #:

MB0-025

Date:

02.12.02

Technician:

Robt. G. Gorman / S. MANUKE

Signature:

S. Manu

Rolometer:

016-K

PCM or TEM

ANALYSIS: LABORATORY USE ONLY										RESULTS	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS: /cc 1 s/cc
01 Pers	6	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601	22.5/100	0.1471
02 Pers		TWA		0850	10:50	120	2.5/2.5	300	2602	31/100	0.0202
03 Pers		STEL-Leonard Lewis		0825	0855	30	2.5/2.5	75	2603	15.5/100	0.1014
04 Pers		TWA		0855	10:55	120	2.5/2.0	270	2604	33/100	0.02248
05 Pers		STEL-Sah Meddow		0830	0900	30	2.5/2.5	75	2605	7.5/100	0.0490
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606	7/100	0.0103
07 Pers		STEL-Joe Puntillo		0835	0905	30	2.5/2.5	75	2607	5/100	0.0360
08 Pers		TWA		0905	1105	120	2.5/2.5	300	2608	5.5/100	0.0097
09 Pers		STEL-Danny He doyle		0840	0910	30	2.5/2.5	75	2609	10.5/100	0.0687
10 Pers		TWA		0910	1310	240	2.5/2.1	552	2610	15.5/100	0.0119
11 Pers		STEL-Michael Carlsen		0845	0915	30	2.5/2.5	75	2611	8/100	0.0523
12 Pers		TWA		0915	1315	240	2.5/2.1	552	2612	22/100	0.0148

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test

CODES: 4 - During 5 - Final

Date/Time:

Received by (signature):

Date/Time: 02.12.02 16:30 pm

Relinquished by (signature):

02.12.02 16:30 pm

Personal/OSHA
STEL 0.5h
THIN 0.1


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
13Pers	George Dackow PII	Personal STEL	Entire Building	2613	75	30	0.0425
14Pers	George Dackow PII	Personal TWA	Entire Building	2614	552	240	0.0110
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	270
Short Term Exposure Limit (STEL)	0.0425
8 hr. Time Weighted Average (TWA)	0.0082

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 2

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562

TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. New York, NY

Report to: M. Deane

Tel/Fax

Company

Name

Analyst:

D.A.

PCM or TEM

Rotometer:

Project #:

Date:

Technician:

Signature:

Rotometer:

ANALYSIS: LABORATORY USE ONLY									
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #
01 Pers	G	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601
02 Pers		TWA		0850	10:50	120	2.5/2.5	300	2602
03 Pers		STEL-Leonard Lewis		0825	0855	30	2.5/2.5	75	2603
04 Pers		TWA		0855	10:55	120	2.5/2.0	270	2604
05 Pers		STEL-Sah Meddow		0830	0900	30	2.5/2.5	75	2605
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606
07 Pers		STEL-Joe Funtillo		0835	0905	30	2.5/2.5	75	2607
08 Pers		TWA		0905	1105	120	2.5/2.5	300	2608
09 Pers		STEL-Danny Pledjoff		0840	0910	30	2.5/2.5	75	2609
10 Pers		TWA		0910	1310	240	2.5/2.1	552	2610
11 Pers		STEL-Michael Carlsen		0845	0915	30	2.5/2.5	75	2611
12 Pers		TWA		0915	1315	240	2.5/2.1	552	2612

Relinquished by (signature):		Date/Time:	Received by (signature):		Date/Time:
<u>W. Davis / S. Shaw</u>		02.12.02 16:30	<u>[Signature]</u>		02.12.02 16:30
Date/Time:		02.12.02 16:30	Date/Time:		02.12.02 16:30

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test

CODES: 4 - During 5 - Final

Personnel/OSHA
STEL 0.54
TWA 0.51


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

A:HA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agarest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
15Pers	Victor Soto PII	Personal STEL	Entire Building	2615	75	30	0.0392
16Pers	Victor Soto PII	Personal TWA	Entire Building	2616	552	240	0.0157
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	270
Short Term Exposure Limit (STEL)	0.0392
8 hr. Time Weighted Average (TWA)	0.0103

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

Air Sample Data Chain of Custody

Page 1 of 2

TESTWELL LABORATORIES, INC.

47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Client: Bovis bend leaseProject Site: Millennium Hilton HotelProject Address: 55 Church St. New York CityReport to: M. Deane

(212) 592-6988

Tel/Fax

Company

PCM or TEM

Date Analyzed: 2/13/02 Analyst: D.A.

Project #:

MBO-025

Date:

02.12.02

Technician:

K. St. Lawrence

Signature:

S. Law

Rotometer:

015-K

ANALYSIS: LABORATORY USE ONLY										RESULTS		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	RESULTS f/cc s/cc	RESULTS f/mm ³ s/mm ³
01 Pers	G	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601	22.5/100	0.1471	
02 Pers		TWA - " - "		0850	10:50	120	2.5/2.5	300	2602	31/100	0.0202	
03 Pers		STEL-Leonard Lewis		0825	0855	30	2.5/2.5	75	2603	15.5/100	0.1014	
04 Pers		TWA - " - "		0855	10:55	120	2.5/2.0	270	2604	33/100	0.02248	
05 Pers		STEL-Sal Meddow		0830	0900	30	2.5/2.5	75	2605	7.5/100	0.0490	
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606	7/100	0.0103	
07 Pers		STEL-Joe Puntillo		0835	0905	30	2.5/2.5	75	2607	5/100	0.0360	
08 Pers		TWA - " - "		0905	11:05	120	2.5/2.5	300	2608	5.5/100	0.0097	
09 Pers		STEL-Danny Mc Donnell		0840	0910	30	2.5/2.5	75	2609	10.5/100	0.0687	
10 Pers		TWA - " - "		0910	13:10	240	2.5/2.1	552	2610	15.5/100	0.0119	
11 Pers		STEL-Michael Carlson		0845	0915	30	2.5/2.5	75	2611	8/100	0.0523	
12 Pers		TWA - " - "		0915	13:15	240	2.5/2.1	552	2612	22/100	0.0148	

Relinquished by (signature):

Michael CarlsonDate/Time: 16:30 PM02.12.02

Received by (signature):

Jan

Date/Time:

02.12.02

SAMPLE CODES:

1 - Ambient4 - During5 - Final

3 - Pre-Test

Personal/OSHA

STEL 0.51TWA 0.01


TESTWELL LABORATORIES, INC.

 Environmental Laboratory
 47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AJHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 02/12/02

Project #: MBO-025AB

Date Rec'd (lab): 02/13/02

Analysis Date: 02/13/02

Analyst: D. Agrest

 Sample Location: The Millenium Hilton
 55 Chruch Street
 New York, New York

Analytical Method: NIOSH 7400

Field Technician: K. Laverenko/S. Manukov

Sample #:	Sample Location:	Sample Type	Work Location	02PCM #	Volume	Duration (min.)	Concentration f/cc
17Pers	Julio Millau P11	Personal TWA	Entire Building	2617	344	160	0.0093
20	Blank	Blank	N/A	2620	0	0	N/A
21	Blank	Blank	N/A	2621	0	0	N/A

Total Duration Sampled (min.)	160
Short Term Exposure Limit (STEL)	0.0093
8 hr. Time Weighted Average (TWA)	0.0031

(c) Permissible exposure limits (PELS)

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

(c)(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes, as determined by the method prescribed in Appendix A to this section, or by an equivalent method.

Respiratory Protection: Half face negative air respirator equip with HEPA cartridge.

* Limit of quantitation based on volume of air collected and 5.5 f/100 fields as per the NIOSH 7400 method. The report value is calculated by using the higher value of either the actual concentration or the limit of quantification reported at P(0.05) indicating the 95% confidence level at 2 standard deviations. ** Sample information is provided by the client & presented as stated. *** Laboratory QC data available upon request. **** The laboratory has no control over air sampling collection. Reports are the confidential property of our clients. This certificate of analysis/report shall not be used by the client to claim product endorsement by the National Voluntary Laboratory Approval Program (NVLAP) or any agency of the United States Government. This certificate of analysis/report shall not be reproduced except in full, without the written approval of Testwell Laboratories, Inc.

Deborah McCarl - Laboratory Director

TESTWELL LABORATORIES, INC.
47 Hudson Street, Ossining, N.Y. 10562

TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 1 of 2

Client: Bovis bend lease

Project Site: Millennium Hilton Hotel

Project Address: 55 Church St. New York City

Report to: M. Deane Bovis (212) 592-6988

Tel/Fax

Company

Name

Date Analyzed: 2/13/02 Analyst: D.A.

PCM or TEM

Project #:

MBO-025

Date:

02.12.02

Technician:

R. Stokowski

Signature:

S. K. Law

Rotometer:

016-K

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
									PCM #	FIBERS/FIELDS	RESULTS 1/cc 1 s/cc	RESULTS 1/mm ² 1 s/mm ²
01 Pers	G	STEL-David Sackowski		0820	0850	30	2.5/2.5	75	2601	22.5/100	0.1471	
02 Pers		TWA		0850	10:50	120	2.5/2.5	300	2602	31/100	0.0202	
03 Pers		STEL-Leonard Lewis		0825	0855	30	2.5/2.5	75	2603	15.5/100	0.1014	
04 Pers		TWA		0855	10:55	120	2.5/2.0	270	2604	33/100	0.02248	
05 Pers		STEL-Sal Meddow		0830	0900	30	2.5/2.5	75	2605	7.5/100	0.0490	
06 Pers		TWA		0900	12:00	180	2.5/2.5	450	2606	7/100	0.0103	
07 Pers		STEL-Joe Pantillo		0835	0905	30	2.5/2.5	75	2607	5/100	0.0360	
08 Pers		TWA		0905	11:05	120	2.5/2.5	300	2608	5.5/100	0.0097	
09 Pers		STEL-Danny McDuff		0840	0910	30	2.5/2.5	75	2609	10.5/100	0.0687	
10 Pers		TWA		0910	13:10	240	2.5/2.1	552	2610	15.5/100	0.0119	
11 Pers		STEL-Michael Carlsen		0845	0915	30	2.5/2.5	75	2611	8/100	0.0523	
12 Pers		TWA		0915	13:15	240	2.5/2.1	552	2612	22/100	0.0148	

1 - Ambient 2 - Background 3 - Pre-Test

4 - During 5 - Final

Personal/OSHA

STEL 0.54
TWA 0.1

