



**PCM Air Sample Results
During 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: 05/09/02

Project #: MBO-025AB

Date Rec'd (lab): 05/13/02

Analysis Date: 05/13/02

Analyst: D. Agrest

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1	Outside Work Area Clean Room of Personal Decon	During	12242	900	0.0063
2	Outside Work Area Waste Decon	During	12243	900	0.0046
3	Outside Work Area 56th Floor Inside Airlock	During	12244	900	0.0076
4	Outside Work Area 56th Floor Elevator Lobby	During	12245	900	0.0052
5	Outside Work Area 55th Floor Inside Airlock	During	12246	900	0.0065
6	Outside Work Area 55th Floor Elevator Lobby	During	12247	900	0.0068
7	Outside Work Area 54th Floor Inside Airlock	During	12248	900	0.0054
8	Outside Work Area 54th Floor Elevator Lobby	During	12249	900	0.0093
9	Outside Work Area Staircase Landing to 53rd Floor	During	12250	900	0.033
10	Outside Work Area Outside Bldg, Rector St. side Entrance	During	12251	900	<0.0030
11	Field Blank	Blank	12252	0	<0.0030
12	Field Blank	Blank	12253	0	<0.0030

* 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 LEND LEASE

Project Site: MILLENIUM HILTON, 56TH, 55TH & 54TH FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Name Company Tel/Fax

PCM or TEM

Date Analyzed: 5/13/02 Analyst: D.A.

Project #:

M30-025 AB

Date:

05/09/02

Technician:

T. CHETRY

Signature:

[Signature]

Rotometer:

TL1-10

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/min
1	4	OWA-CLEAN ROOM OF PERSONAL DECON		1720	2020	180	5/5	900	12242	11.5/100	0.0063	
2	4	OWA-WASTE DECON		1721	2021	180	5/5	900	12243	8.5/100	0.0046	
3	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1723	2023	180	5/5	900	12244	14/100	0.0076	
4	4	OWA-56TH FLOOR, ELEVATOR LOBBY		1723	2023	180	5/5	900	12245	9.5/100	0.0052	
5	4	OWA-55TH FLOOR, INSIDE AIRLOCK		1725	2025	180	5/5	900	12246	12/100	0.0065	
6	4	OWA-55TH FLOOR, ELEVATOR LOBBY		1725	2025	180	5/5	900	12247	12.5/100	0.0068	
7	4	OWA-54TH FLOOR, INSIDE AIRLOCK		1727	2027	180	5/5	900	12248	10/100	0.0054	
8	4	OWA-54TH FLOOR, ELEVATOR LOBBY		1727	2027	180	5/5	900	12249	17/100	0.0093	
9	4	OWA-STAIRCASE LANDING TO 53RD FLOOR		1729	2029	180	5/5	900	12250	6/100	0.0033	
10	4	OWA-OUTSIDE BUILDING, RECTOR ST SIDE ENTRANCE		1734	2034	180	5/5	900	12251	2.5/100	0.0030	
11	4	F. BLANK		N/A					12252	0/100	-	
12	4	F. BLANK		N/A					12253	0/100	-	

Relinquished by (signature):

Date/Time:

05/09/02 9:30 pm

Received by (signature):

Date/Time:

5/13/02 11:10 am

SAMPLE

1 - Ambient

2 - Background

3 - Pre-Test

6 - Personal/OSHA

5 - Final

4 - During

OWA: OUTSIDE WORK AREA

CODIS:

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

[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:** 05/10/02**Project #:** MBO-025AB**Date Rec'd (lab):** 05/13/02**Analysis Date:** 05/13/02**Analyst:** D. Agrest**Sample Location** Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400**Field Technician** T. Chhetry**Sample Condition Acceptable?** YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
13	Outside Work Area Clean Room of Personal Decon	During	12254	1200	0.0063
14	Outside Work Area Waste Decon	During	12255	1200	0.0039
15	Outside Work Area 56th Floor Inside Airlock	During	12256	1200	0.0045
16	Outside Work Area 56th Floor Elevator Lobby	During	12257	1200	0.0065
17	Outside Work Area 55th Floor Inside Airlock	During	12258	1200	0.0053
18	Outside Work Area 55th Floor Elevator Lobby	During	12259	1200	0.0061
19	Outside Work Area 54th Floor Inside Airlock	During	12260	1200	0.0055
20	Outside Work Area 54th Floor Elevator Lobby	During	12261	1200	0.0041
21	Outside Work Area Staircase Landing to 53rd Floor	During	12262	1200	0.0027
22	Outside Work Area Outside Bldg, Rector St. side Entrance	During	12263	1200	<0.0023
23	Field Blank	Blank	12264	0	<0.0023
24	Field Blank	Blank	12265	0	<0.0023

* 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 2

Client: BOVIS LEAD LEASE

Project Site: MILLENNIUM HILTON, 56TH, 55TH & 54TH FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY

Report to: MICHAEL DEANIE BOVIS (212) 592-6964 (FAX)

Name Company Tel/Fax

Date Analyzed: 5/13/02 Analyst: D.A.

PCM or TEM

Project #:

MBO-025 AB

Date:

05/10/02

Technician:

T. CHATREY

Signature:

[Signature]

Rotometer:

T11-10

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: 1/cc 1 s/cc 1/min 1 s/m
13	4	OWA - CLEAN ROOM OF PERSONAL DECON		1215	1615	240	5/5	1200	12254	15.5/100	0.0063
14	4	OWA - WASTE DECON		1215	1615	240	5/5	1200	12255	9.5/100	0.0039
15	4	OWA - 56TH FLOOR, INSIDE AIRLOCK		1218	1618	240	5/5	1200	12256	11/100	0.0045
16	4	OWA - 56TH FLOOR, ELEVATOR LOBBY		1218	1618	240	5/5	1200	12257	16/100	0.0065
17	4	OWA - 55TH FLOOR, INSIDE AIRLOCK		1220	1620	240	5/5	1200	12258	13/100	0.0053
18	4	OWA - 55TH FLOOR, ELEVATOR LOBBY		1220	1620	240	5/5	1200	12259	15/100	0.0061
19	4	OWA - 54TH FLOOR, INSIDE AIRLOCK		1222	1622	240	5/5	1200	12260	13.5/100	0.0055
20	4	OWA - 54TH FLOOR, ELEVATOR LOBBY		1222	1622	240	5/5	1200	12261	10/100	0.0041
21	4	OWA - STAIRCASE LANDING TO 53RD FLOOR		1224	1624	240	5/5	1200	12262	6.5/100	0.0027
22	4	OWA - OUTSIDE BUILDING RECTOR ST. SIDE ENTRANCE		1228	1628	240	5/5	1200	12263	4/100	0.0023
23	4	F. BLANK		N/A				→	12264	0/100	-
24	4	F. BLANK		N/A				→	12265	0/100	-

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

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

OWA: OUTSIDE WORK AREA

Date/Time:

5/13/02 11/10

Received by (signature):

Volcan 15

Date/Time:

05/10/02 9:30 pm

Relinquished by (signature):

Tey

5-121


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: 05/10/02

Project #: MBO-025AB

Date Rec'd (lab): 05/13/02

Analysis Date: 05/13/02

Analyst: D. Agrest

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
25	Outside Work Area Clean Room of Personal Decon	During	12266	1200	0.0025
26	Outside Work Area Waste Decon	During	12267	1200	0.0035
27	Outside Work Area 56th Floor Inside Airlock	During	12268	1200	0.0037
28	Outside Work Area 56th Floor Elevator Lobby	During	12269	1200	0.0029
29	Outside Work Area 55th Floor Inside Airlock	During	12270	1200	0.0043
30	Outside Work Area 55th Floor Elevator Lobby	During	12271	1200	0.0023
31	Outside Work Area 54th Floor Inside Airlock	During	12272	1200	0.0033
32	Outside Work Area 54th Floor Elevator Lobby	During	12273	1200	0.0031
33	Outside Work Area Staircase Landing to 53rd Floor	During	12274	1200	<0.0023
34	Outside Work Area Outside Bldg, Rector St. side Entrance	During	12275	1200	0.0027
35	Field Blank	Blank	12276	0	<0.0023
36	Field Blank	Blank	12277	0	<0.0023

* 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, 56TH, 55TH & 54TH FLOORS
Project Address: 55 CHURCH STREET, NEW YORK, NY
Report to: MICHAEL DEANE BOVIS (212) 592-6964 (Fax)
Name: _____ Company: _____ Tel/Fax: _____
Date Analyzed: 5/13/02 Analyst: D.A.

Project #: MBO-025 AB
Date: 05/10/02
Technician: T. SHREY
Signature: [Signature]
Rotometer: TL1-10

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
25	4	OWA-CLEAN ROOM OF PERSONAL DECON		1615	2015	240	5/5	1200	12268	6'100	0.0025	
26	4	OWA-WASTE DECON		1615	2015	240	5/5	1200	12267	8.5'100	0.0035	
27	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1618	2018	240	5/5	1200	12268	9'100	0.0037	
28	4	OWA-56TH FLOOR, ELEVATOR LOBBY		1618	2018	240	5/5	1200	12269	7'100	0.0029	
29	4	OWA-55TH FLOOR, INSIDE AIRLOCK		1620	2020	240	5/5	1200	12270	10.5'100	0.0043	
30	4	OWA-55TH FLOOR, ELEVATOR LOBBY		1620	2020	240	5/5	1200	12271	5.5'100	0.0023	
31	4	OWA-54TH FLOOR, INSIDE AIRLOCK		1622	2022	240	5/5	1200	12272	8'100	0.0033	
32	4	OWA-54TH FLOOR, ELEVATOR LOBBY		1622	2022	240	5/5	1200	12273	7.5'100	0.0031	
33	4	OWA-STAIRCASE LANDING TO 53RD FLOOR		1624	2024	240	5/5	1200	12274	5'100	0.0023	
34	4	OWA-OUTSIDE BUILDING, RECTOR ST. SIDE ENTRANCE		1628	2028	240	5/5	1200	12275	6.5'100	0.0027	
35	4	F. BLANK		N/A					12276	0'100	-	
36	4	F. BLANK		N/A					12277	0'100	-	

Relinquished by (signature): ref Date/Time: 05/10/02 9:30 PM

Received by (signature): _____ Date/Time: _____

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

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

OWA: OUTSIDE WORK AREA


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: 05/13/02

Project #: MBO-025AB

Date Rec'd (lab): 05/14/02

Analysis Date: 05/14/02

Analyst: V. Binchkauskas

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
37	Outside Work Area Clean Room of Personal Decon	During	12377	1275	<0.0021
38	Outside Work Area Waste Decon	During	12378	1275	<0.0021
39	Outside Work Area 56th Floor Inside Airlock	During	12379	1275	<0.0021
40	Outside Work Area 56th Floor Elevator Lobby	During	12380	1275	<0.0021
41	Outside Work Area 55th Floor Inside Airlock	During	12381	1275	0.0035
42	Outside Work Area 55th Floor Elevator Lobby	During	12382	1275	0.0033
43	Outside Work Area 54th Floor Inside Airlock	During	12383	1275	<0.0021
44	Outside Work Area 54th Floor Elevator Lobby	During	12384	1275	0.0069
45	Outside Work Area Staircase Landing to 53rd Floor	During	12385	1275	0.0029
46	Outside Work Area Outside Bldg, Church St. Entrance	During	12386	1275	<0.0021
47	Field Blank	Blank	12387	0	<0.0021
48	Field Blank	Blank	12388	0	<0.0021

* 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

24 hrs

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Air Sample Data Chain of Custody

Page

1 of 2

Client: BOVIS LEAD LEASE

Project Site: MILLENIUM HILTON, 56TH, 55TH & 54TH FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10006

Report to: MICHAEL DEANLE BOVIS (212) 592-6964 (FAX)

Company

Name

Date Analyzed: 5/14/02

Analyst: No. 1013

(PCM) or TEM

Project #:

MBO-025 AB

Date:

05/13/02

Technician:

I. CHUTEY

Signature:

[Signature]

Rotometer:

TL1-10

ANALYSIS: LABORATORY USE ONLY										RESULTS:	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	62_PCM # TEM #	FIBERS/FIELDS	RESULTS: f/cc f/mm ² s/m
37	4	OWA-CLEAN ROOM OF REMOTE PERSONAL DECON		1200	1615	255	5/5	1275	12377	4.5/100	<0.002/
38	4	OWA-REMOTE WASTE DECON		1200	1615	255	5/5	1275	12378	2/100	<0.002/
39	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1202	1617	255	5/5	1275	12379	4/100	<0.002/
40	4	OWA-56TH FLOOR, ELEVATOR LOBBY		1202	1617	255	5/5	1275	12380	5/100	<0.002/
41	4	OWA-55TH FLOOR, INSIDE AIRLOCK		1204	1619	255	5/5	1275	12381	9/100	0.0035
42	4	OWA-55TH FLOOR, ELEVATOR LOBBY		1204	1619	255	5/5	1275	12382	8.5/100	0.0033
43	4	OWA-54TH FLOOR, INSIDE AIRLOCK		1206	1621	255	5/5	1275	12383	4.5/100	<0.002/
44	4	OWA-54TH FLOOR, ELEVATOR LOBBY		1206	1621	255	5/5	1275	12384	18/100	0.0069
45	4	OWA-STAIRCASE LANDING TO 53RD FLOOR		1208	1623	255	5/5	1275	12385	7.5/100	0.0029
46	4	OWA-OUTSIDE BUILDING, CHURCH STREET ENTRANCE		1214	1629	255	5/5	1275	12386	3/100	<0.002/
47	4	F. BLANK		N/A					12387	0/100	—
48	4	F. BLANK		N/A					12388	0/100	—

Relinquished by (signature):

Date/Time:

05/13/02 9:30 PM

Received by (signature):

Date/Time:

5/14/02 11:30

SAMPLE:

1 - Ambient

2 - Background

3 - Pre-Test

CODES:

4 - During

5 - Final

6 - Personal/OSHA

OWA: OUTSIDE WORK AREA



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Analysis Date: 05/14/02

Analyst: V. Binchkauskas

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
49	Outside Work Area Clean Room of Personal Decon	During	12389	1200	<0.0023
50	Outside Work Area Waste Decon	During	12390	1200	<0.0023
51	Outside Work Area 56th Floor Inside Airlock	During	12391	1200	<0.0023
52	Outside Work Area 56th Floor Elevator Lobby	During	12392	1200	0.0027
53	Outside Work Area 55th Floor Inside Airlock	During	12393	1200	<0.0023
54	Outside Work Area 55th Floor Elevator Lobby	During	12394	1200	0.0027
55	Outside Work Area 54th Floor Inside Airlock	During	12395	1200	<0.0023
56	Outside Work Area 54th Floor Elevator Lobby	During	12396	1200	<0.0023
57	Outside Work Area Staircase Landing to 53rd Floor	During	12397	1200	<0.0023
58	Outside Work Area Outside Bldg, Church St. Entrance	During	12398	1200	<0.0023
59	Field Blank	Blank	12399	0	<0.0023
60	Field Blank	Blank	12400	0	<0.0023

* 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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24 hrs

Air Sample Data Chain of Custody

Page 2 of 2

Client: BOVIS LEND LEASE

Project Site: MILLENIUM HILTON, 56TH, 55TH & 54TH FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10006

Report to: MICHAEL DEANLE BOVIS (212) 592-6964 (FAX)

Name

Company

Tel/Fax

PCM or TEM

Date Analyzed: 5/14/02

Analyst: J. G. Gault

Project #: MBO-025 AB

Date: 05/13/02

Technician: J. G. Gault

Signature: J. G. Gault

Rotometer: TLI-10

ANALYSIS: LABORATORY USE ONLY										RESULTS	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCN # TEM #	FIBERS/FIELDS	RESULTS: f/m ² l s/cc
49	4	DWA-CLEAN ROOM OF REMOTE PERSONAL DECON	1	1615	2015	240	5/5	1200	12389	2.5/100	<0.0023
50	4	DWA-REMOTE WASTE DECON		1615	2015	240	5/5	1200	12390	1.5/100	<0.0023
51	4	DWA-56TH FLOOR, INSIDE AIRLOCK		1617	2017	240	5/5	1200	12391	3.5/100	<0.0023
52	4	DWA-56TH FLOOR, ELEVATOR LOBBY		1617	2017	240	5/5	1200	12392	6.5/100	0.0027
53	4	DWA-55TH FLOOR, INSIDE AIRLOCK		1619	2019	240	5/5	1200	12393	4/100	<0.0023
54	4	DWA-55TH FLOOR, ELEVATOR LOBBY		1619	2019	240	5/5	1200	12394	6.5/100	0.0027
55	4	DWA-54TH FLOOR, INSIDE AIRLOCK		1621	2021	240	5/5	1200	12395	3/100	<0.0023
56	4	DWA-54TH FLOOR, ELEVATOR LOBBY		1621	2021	240	5/5	1200	12396	2.5/100	<0.0023
57	4	DWA-STAIRCASE LANDING TO 53RD FLOOR		1623	2023	240	5/5	1200	12397	2/100	<0.0023
58	4	DWA-OUTSIDE BUILDING, CHURCH STREET ENTRANCE		1629	2029	240	5/5	1200	12398	1.5/100	<0.0023
59	4	F-BLANK		N/A					12399	0/100	-
60	4	F-BLANK		N/A					12400	0/100	-

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

SAMPLE: 1 - Ambient

2 - Background

3 - Pre-Test

Codes: 4 - During

5 - Final

6 - Personal/OSHA

DWA; OUTSIDE WORK AREA



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: 05/14/02

Project #: MBO-025AB

Date Rec'd (lab): 05/15/02

Analysis Date: 05/16/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
61	Outside Work Area Clean Room of Remote Personal Decon	During	12690	1200	<0.0023
62	Outside Work Area Remote Waste Decon	During	12691	1200	<0.0023
63	Outside Work Area 56th Floor Inside Airlock	During	12692	1200	0.0074
64	Outside Work Area 56th Floor Elevator Lobby	During	12693	1200	0.0059
65	Outside Work Area 55th Floor Inside Airlock	During	12694	1200	0.0039
66	Outside Work Area 55th Floor Elevator Lobby	During	12695	1200	0.0041
67	Outside Work Area 54th Floor Inside Airlock	During	12696	1200	0.0051
68	Outside Work Area 54th Floor Elevator Lobby	During	12697	1200	0.0049
69	Outside Work Area 53rd Floor Inside Airlock	During	12698	1200	0.0106
70	Outside Work Area 53rd Floor Elevator Lobby	During	12699	1200	0.0114
71	Outside Work Area Clean Room of Remote Personal Decon	During	12700	1275	0.0023
72	Outside Work Area Remote Waste Decon	During	12701	1275	<0.0021

* 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: 05/14/02

Project #: MBO-025AB

Date Rec'd (lab): 05/15/02

Analysis Date: 05/16/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
73	Outside Work Area 56th Floor Inside Airlock	During	12702	1275	0.0023
74	Outside Work Area 56th Floor Elevator Lobby	During	12703	1275	0.0085
75	Outside Work Area 55th Floor Inside Airlock	During	12704	1275	0.0025
76	Outside Work Area 55th Floor Elevator Lobby	During	12705	1275	0.0048
77	Outside Work Area 54th Floor Inside Airlock	During	12706	1275	0.0040
78	Outside Work Area 54th Floor Elevator Lobby	During	12707	1275	0.0042
79	Outside Work Area 53rd Floor Inside Airlock	During	12708	1275	0.0110
80	Outside Work Area 53rd Floor Elevator Lobby	During	12709	1275	0.0100
81	Outside Work Area 52nd Floor Inside Airlock	During	12710	1075	0.0073
82	Outside Work Area 52nd Floor Elevator Lobby	During	12711	1075	0.0059
83	Outside Work Area 51st Floor Inside Airlock	During	12712	1075	0.0057
84	Outside Work Area 51st Floor Elevator Lobby	During	12713	1075	<0.0025

* 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 2 of 3

Client: BOVIS LEND LEASE
 Project Site: MILLENNIUM HILTON @ WTC, VARIOUS FLOORS
 Project Address: 55 CHURCH STREET, NEW YORK, NY 10006
 Report to: MICHAEL DEANE BOVIS (212) 592-6964 (Fax)

Project #: MBO-025 AB
 Date: 05/14/02
 Technician: T. CHITTY
 Signature: [Signature]
 Rotometer: TL1-10

Date Analyzed: 5/16/02 Analyst: [Signature]
 Name: _____ Company: _____
 Tel/Fax: _____

(PCM) 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	Q2 PCM #	FIBERS/ FIELDS	RESULTS: f/cc l s/cc	RESULTS: f/mm ² l s/mm
									TEM #			
73	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1602-2017		255	5/5	1275	12702	6/100	0.0023	
74	4	OWA-56TH FLOOR, ELEVATOR LOBBY		1602-2017		255	5/5	1275	12703	22/100	0.0085	
75	4	OWA-55TH FLOOR, INSIDE AIRLOCK		1604-2019		255	5/5	1275	12704	6.5/100	0.0025	
76	4	OWA-55TH FLOOR, ELEVATOR LOBBY		1604-2019		255	5/5	1275	12705	12.5/100	0.0048	
77	4	OWA-54TH FLOOR, INSIDE AIRLOCK		1606-2021		255	5/5	1275	12706	10.5/100	0.0040	
78	4	OWA-54TH FLOOR, ELEVATOR LOBBY		1606-2021		255	5/5	1275	12707	11/100	0.0042	
79	4	OWA-53RD FLOOR, INSIDE AIRLOCK		1608-2022		255	5/5	1275	12708	28.5/100	0.011	
80	4	OWA-53RD FLOOR, ELEVATOR LOBBY		1608-2023		255	5/5	1275	12709	26/100	0.01	
81	4	OWA-52ND FLOOR, INSIDE AIRLOCK		1650-2025		215	5/5	1075	12710	16/100	0.0073	
82	4	OWA-52ND FLOOR, ELEVATOR LOBBY		1650-2025		215	5/5	1075	12711	13/100	0.0059	
83	4	OWA-51ST FLOOR, INSIDE AIRLOCK		1652-2027		215	5/5	1075	12712	12.5/100	0.0057	
84	4	OWA-51ST FLOOR, ELEVATOR LOBBY		1652-2027		215	5/5	1075	12713	3.5/100	0.0025	

Relinquished by (signature): Tej Date/Time: 05/14/02
 Received by (signature): [Signature] Date/Time: 5/16/02

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: During 5 - Final 6 - Personal/OSHA
 OWA: OUTSIDE WORK AREA

**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:** 05/14/02**Project #:** MBO-025AB**Date Rec'd (lab):** 05/15/02**Analysis Date:** 05/16/02**Analyst:** D. Agrest**Sample Location** Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical NIOSH 7400**Sample Condition Acceptable?** YES**Field Technician** T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
85	Outside Work Area 50th Floor Inside Airlock	During	12714	1075	0.0050
86	Outside Work Area 50th Floor Elevator Lobby	During	12715	1075	0.0062
87	Field Blank	Blank	12716	0	N/A
88	Field Blank	Blank	12717	0	N/A
89	Field Blank	Blank	12718	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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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: 05/15/02

Project #: MBO-025AB

Date Rec'd (lab): 05/16/02

Analysis Date: 05/16/02

Analyst: L. Chiaverini

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
90	Outside Work Area Clean Room of Personal Decon	During	12809	1200	0.0041
91	Outside Work Area Waste Decon	During	12810	1200	<0.0023
92	Outside Work Area 56th Floor Inside Airlock	During	12811	1200	0.0033
93	Outside Work Area 56th Floor Freight Elevator Lobby	During	12812	1200	0.0065
94	Outside Work Area 55th Floor Inside Airlock	During	12813	1200	0.0029
95	Outside Work Area 55th Floor Freight Elevator Lobby	During	12814	1200	<0.0023
96	Outside Work Area 54th Floor Inside Airlock	During	12815	1200	0.0045
97	Outside Work Area 54th Floor Freight Elevator Lobby	During	12816	1200	0.0025
98	Outside Work Area 53rd Floor Inside Airlock	During	12817	1200	<0.0023
99	Outside Work Area 53rd Floor Freight Elevator Lobby	During	12818	1200	0.0037
100	Outside Work Area 52nd Floor Inside Airlock	During	12819	1200	0.0033
101	Outside Work Area 52nd Floor Freight Elevatory Lobby	During	12820	1200	<0.0023

* 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 3Client: **BOVIS LEND LEASE - LMB**Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**Project Address: **55 CHURCH STREET, NEW YORK, NY 10006**Report to: **MICHAEL DEANE** BOVIS Company

(212) 592-6944 (FAX)

Name: 5/16/02 Analyst: PCMDate Analyzed: 5/16/02

Analyst:

Project #: **MBQ - 025 AB**Date: 05/15/02Technician: J. GuhtrySignature: J. GuhtryRotometer: **TLI - 10**TURNAROUND TIME: **24 HRS**

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/mi
90	4	OWA-CLEAN ROOM OF REMOTE PERSONAL DECK		1200 1600	1200 1600	240	5/5	1200	12809	1' 100	0.0041	
91	4	OWA-REMOTE WASTE DECON		1200 1600	1200 1600	240	5/5	1200	12810	3' 100	0.0023	
92	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1202 1602	1202 1602	240	5/5	1200	12811	8' 100	0.0033	
93	4	OWA-56TH FLOOR, FREIGHT ELEVATOR LOBBY		1202 1602	1202 1602	240	5/5	1200	12812	16' 100	0.0061	
94	4	OWA-54TH FLOOR, INSIDE AIRLOCK		1204 1604	1204 1604	240	5/5	1200	12813	7' 100	0.0029	
95	4	OWA-55TH FLOOR, FREIGHT ELEVATOR LOBBY		1204 1604	1204 1604	240	5/5	1200	12814	2' 100	0.0023	
96	4	OWA-54TH FLOOR, INSIDE AIRLOCK		1206 1606	1206 1606	240	5/5	1200	12815	5' 100	0.0045	
97	4	OWA-54TH FLOOR, FREIGHT ELEVATOR LOBBY		1206 1606	1206 1606	240	5/5	1200	12816	6' 100	0.0025	
98	4	OWA-53RD FLOOR, INSIDE AIRLOCK		1208 1608	1208 1608	240	5/5	1200	12817	4' 100	0.0023	
99	4	OWA-53RD FLOOR, FREIGHT ELEVATOR LOBBY		1208 1608	1208 1608	240	5/5	1200	12818	9' 100	0.0037	
100	4	OWA-52ND FLOOR, INSIDE AIRLOCK		1210 1610	1210 1610	240	5/5	1200	12819	8' 100	0.0033	
101	4	OWA-52ND FLOOR, FREIGHT ELEVATOR LOBBY		1210 1610	1210 1610	240	5/5	1200	12820	21' 100	0.0023	

Relinquished by (signature): TiejDate/Time: 05/15/02 9:28 AMReceived by (signature): J. YarnwoodDate/Time: 5/16/02 4:30 PM

SAMPLE: 1 - Ambient

2 - Background

3 - Pre-Test

CODES: 4 - During

5 - Final

6 - Personal/OSHA

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA



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: 05/15/02

Project #: MBO-025AB

Date Rec'd (lab): 05/16/02

Analysis Date: 05/16/02

Analyst: L. Chiaverini

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
102	Outside Work Area 51st Floor Inside Airlock	During	12821	1200	<0.0023
103	Outside Work Area 51st Floor Freight Elevator Lobby	During	12822	1200	0.0059
104	Outside Work Area 50th Floor Inside Airlock	During	12823	1200	0.0065
105	Outside Work Area 50th Floor Freight Elevator Lobby	During	12824	1200	0.0029
106	Outside Work Area Clean Room of Personal Decon	During	12825	1275	0.0038
107	Outside Work Area Remote Waste Decon	During	12826	1275	0.0042
108	Outside Work Area 56th Floor Inside Airlock	During	12827	1275	0.0069
109	Outside Work Area 56th Floor Freight Elevator Lobby	During	12828	1275	<0.0021
110	Outside Work Area 55th Floor Inside Airlock	During	12829	1275	0.0035
111	Outside Work Area 55th Floor Freight Elevator Lobby	During	12830	1275	<0.0021
112	Outside Work Area 54th Floor Inside Airlock	During	12831	1275	<0.0021
113	Outside Work Area 54th Floor Freight Elevatory Lobby	During	12832	1275	<0.0021

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

Project #: MBO - 025, AB
Date: 05/15/02
Technician: T. L. WHEAT
Signature: [Signature]
Rotometer: TLI-10
TURNAROUND TIME: 24 hrs

Client: BOVIS LEND LEASE - LMB
Project Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS
Project Address: 55 CHURCH STREET, NEW YORK, NY 10006
Report to: MICHAEL DEANE BOVIS Company Tel/Fax: (212) 592-6964 (FAX)
Date Analyzed: 5/16/02 Analyst: [Signature] (PCM) XXXXXXXX

TLI FIELD OFFICE FAX:-- (212) 312-2147 (FAX)										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/mi	
102	4	OWA-51ST FLOOR, INSIDE AIRLOCK		1212	1612	240	5/5	1200	12821	1' / 100	0.000	0.0023	
103	4	OWA-51ST FLOOR, FREIGHT ELEVATOR LOBBY		1212	1612	240	5/5	1200	12822	1' / 100	0.000	0.0019	
104	4	OWA-50TH FLOOR, INSIDE AIRLOCK		1214	1614	240	5/5	1200	12823	1' / 100	0.000	0.0015	
105	4	OWA-50TH FLOOR, FREIGHT ELEVATOR LOBBY		1214	1614	240	5/5	1200	12824	1' / 100	0.000	0.0029	
106	4	OWA-CLEAN ROOM OF PERSONAL DECON		1600	2015	255	5/5	1275	12825	1' / 100	0.000	0.0038	
107	4	OWA-REMOTE WASTE DECON		1600	2015	255	5/5	1275	12826	1' / 100	0.000	0.0072	
108	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1602	2017	255	5/5	1275	12827	1' / 100	0.000	0.0069	
109	4	OWA-56TH FLOOR, FREIGHT ELEVATOR LOBBY		1602	2017	255	5/5	1275	12828	3' / 100	0.000	0.0021	
110	4	OWA-55TH FLOOR, INSIDE AIRLOCK		1604	2019	255	5/5	1275	12829	1' / 100	0.000	0.0035	
111	4	OWA-55TH FLOOR, FREIGHT ELEVATOR LOBBY		1604	2019	255	5/5	1275	12830	5' / 100	0.000	0.0021	
112	4	OWA-54TH FLOOR, INSIDE AIRLOCK		1606	2021	255	5/5	1275	12831	1' / 100	0.000	0.0021	
113	4	OWA-54TH FLOOR, FREIGHT ELEVATOR LOBBY		1606	2021	255	5/5	1275	12832	1' / 100	0.000	0.0021	
Relinquished by (signature): <u>Tey</u>				Date/Time: <u>05/15/02</u>		Received by (signature): <u>J. Jarama</u>		Date/Time: <u>5/16/02 4:20PM</u>		SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test			
										CODES: 4 - During 5 - Final 6 - Personal/OSHA		IWA: INSIDE WORK AREA OWA: OUTSIDE WORK AREA	

**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:** 05/15/02**Project #:** MBO-025AB**Date Rec'd (lab):** 05/16/02**Analysis Date:** 05/16/02**Analyst:** L. Chiaverini**Sample Location** Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical NIOSH 7400**Field Technician** T. Chhetry**Sample Condition Acceptable?** YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
114	Outside Work Area 53rd Floor Inside Airlock	During	12833	1275	0.0027
115	Outside Work Area 53rd Floor Freight Elevator Lobby	During	12834	1275	0.0050
116	Outside Work Area 52nd Floor Inside Airlock	During	12835	1275	0.0046
117	Outside Work Area 52nd Floor Freight Elevator Lobby	During	12836	1275	<0.0021
118	Outside Work Area 51st Floor Inside Airlock	During	12837	1275	<0.0021
119	Outside Work Area 51st Floor Freight Elevator Lobby	During	12838	1275	<0.0021
120	Outside Work Area 50th Floor Inside Airlock	During	12839	1275	0.0027
121	Outside Work Area 50th Floor Freight Elevator Lobby	During	12840	1275	0.0050
122	Field Blank	Blank	12841	0	<0.0021
123	Field Blank	Blank	12842	0	<0.0021
124	Field Blank	Blank	12843	0	<0.0021
125	Field Blank	Blank	12844	0	<0.0021

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

Client: **BOVIS LEND LEASE - LMB**
Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**
Project Address: **55 CHURCH STREET, NEW YORK, NY 10006**
Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax (212) 592-6964 (FAX)
Name 5/16/02 Analyst: TLJ
Date Analyzed: 5/16/02
Project #: **MBO - 025 AB**
Date: **05/15/02**
Technician: **T. CHIETRY**
Signature: [Signature]
Rotometer: **TLI - 10**
TURNAROUND TIME: **24 hrs**

TLJ FIELD OFFICE FAX: (212) 312-2147 (FAX)

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 s/cc	RESULTS: f/mm ³ s/mi
114	4	OWA - 53RD FLOOR, INSIDE AIRLOCK		1608 2023	255	5/5	1275	12833	7' 100	0-0027	
115	4	OWA - 53RD FLOOR, FREIGHT ELEVATOR LOBBY		1608 2023	255	5/5	1275	12834	13' 100	0-0035	
116	4	OWA - 52ND FLOOR, INSIDE AIRLOCK		1610 2025	255	5/5	1275	12835	12' 100	0-0046	
117	4	OWA - 52ND FLOOR, FREIGHT ELEVATOR LOBBY		1610 2025	255	5/5	1275	12836	1' 100	0-0021	
118	4	OWA - 51ST FLOOR, INSIDE AIRLOCK		1612 2027	255	5/5	1275	12837	4' 100	0-0021	
119	4	OWA - 51ST FLOOR, FREIGHT ELEVATOR LOBBY		1612 2027	255	5/5	1275	12838	3' 100	0-0021	
120	4	OWA - 50TH FLOOR, INSIDE AIRLOCK		1614 2029	255	5/5	1275	12839	7' 100	0-0027	
121	4	OWA - 50TH FLOOR, FREIGHT ELEVATOR LOBBY		1614 2029	255	5/5	1275	12840	13' 100	0-0035	
122	4	F. BLANK		N/A				12841	0' 100		
123	4	F. BLANK		N/A				12842	0' 100		
124	4	F. BLANK		N/A				12843	1' 100		
125	4	F. BLANK		N/A				12844	0' 100		

SAMPLE: Ambient 2 - Background 3 - Pre-Test
CODING: 4 - During 5 - Final 6 - Personal/OSHA
IWA: INSIDE WORK AREA
OWA: OUTSIDE WORK AREA

Relinquished by (signature): [Signature] Date/Time: 05/15/02
Received by (signature): [Signature] Date/Time: 5/16/02 4:30pm



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: 05/16/02

Project #: MBO-025AB

Date Rec'd (lab): 05/18/02

Analysis Date: 05/18/02

Analyst: L. Chiaverini

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
126	Outside Work Area Clean Room of Remote Personal Decon	During	13102	1200	<0.0023
127	Outside Work Area Remote Waste Decon	During	13103	1200	0.0045
128	Outside Work Area 56th Floor Inside Airlock	During	13104	1200	0.0025
129	Outside Work Area 56th Floor Freight Elevator Lobby	During	13105	1200	0.0041
130	Outside Work Area 53rd Floor Inside Airlock	During	13106	1200	0.0037
131	Outside Work Area 53rd Floor Freight Elevator Lobby	During	13107	1200	<0.0023
132	Outside Work Area 52nd Floor Inside Airlock	During	13108	1200	<0.0023
133	Outside Work Area 52nd Floor Freight Elevator Lobby	During	13109	1200	0.0037
134	Outside Work Area 51st Floor Inside Airlock	During	13110	1200	0.0029
135	Outside Work Area 51st Floor Freight Elevator Lobby	During	13111	1200	0.0033
136	Outside Work Area 50th Floor Inside Airlock	During	13112	1200	<0.0023
137	Outside Work Area 50th Floor Freight Elevator Lobby	During	13113	1200	<0.0023

* 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.

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Air Sample Data Chain of Custody

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC. VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10006**

Report to: **MICHAEL DEANE** ROVIS Company

(212) 592-6964 (FAX)

Project #: **MBO - 025 AB**

Date: **05/16/02**

Technician: **T. CHHETRY**

Signature: *[Signature]*

Rotometer: **TLI-10**

TURNAROUND TIME: **24 HRS**

Date Analyzed: **5/16/02** Analyst: *[Signature]*

PCM XXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

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: 1/cc 1 s/cc	RESULTS: 1/min 1 s/min
126	4	OWA-CLEAN ROOM OF REMOTE PERSONAL DECON		1200	1600	240	5/5	1200	13102	3' 100	0.00	0.00
127	4	OWA-REMOTE WASTE DECON		1200	1600	240	5/5	1200	13103	1' 100	0.00	0.00
128	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1202	1602	240	5/5	1200	13104	6' 100	0.00	0.00
129	4	OWA-56TH FLOOR, FREIGHT ELEVATOR LOBBY		1202	1602	240	5/5	1200	13105	10' 100	0.00	0.00
130	4	OWA-53RD FLOOR, INSIDE AIRLOCK		1204	1604	240	5/5	1200	13106	7' 100	0.00	0.00
131	4	OWA-53RD FLOOR, FREIGHT ELEVATOR LOBBY		1204	1604	240	5/5	1200	13107	4' 100	0.00	0.00
132	4	OWA-52ND FLOOR, INSIDE AIRLOCK		1206	1606	240	5/5	1200	13108	3' 100	0.00	0.00
133	4	OWA-52ND FLOOR, FREIGHT ELEVATOR LOBBY		1206	1606	240	5/5	1200	13109	9' 100	0.00	0.00
134	4	OWA-51ST FLOOR, INSIDE AIRLOCK		1208	1608	240	5/5	1200	13110	7' 100	0.00	0.00
135	4	OWA-51ST FLOOR, FREIGHT ELEVATOR LOBBY		1208	1608	240	5/5	1200	13111	8' 100	0.00	0.00
136	4	OWA-50TH FLOOR, INSIDE AIRLOCK		1210	1610	240	5/5	1200	13112	2' 100	0.00	0.00
137	4	OWA-50TH FLOOR, FREIGHT ELEVATOR LOBBY		1210	1610	240	5/5	1200	13113	1' 100	0.00	0.00

Relinquished by (signature): *[Signature]* Date/Time: **05/16/02 9:40 PM**

Received by (signature): *[Signature]* Date/Time: **5/17/02 18:00**

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

4 - During 5 - Final 6 - Personal/OSHA

OWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 05/16/02

Project #: MBO-025AB

Date Rec'd (lab): 05/18/02

Analysis Date: 05/18/02

Analyst: L. Chiaverini

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
138	Outside Work Area Clean Room of Remote Personal Decon	During	13114	1275	<0.0021
139	Outside Work Area Remote Waste Decon	During	13115	1275	0.0027
140	Outside Work Area 56th Floor Inside Airlock	During	13116	1275	<0.0021
141	Outside Work Area 56th Floor Freight Elevator Lobby	During	13117	1275	0.0035
142	Outside Work Area 53rd Floor Inside Airlock	During	13118	1275	0.0025
143	Outside Work Area 53rd Floor Freight Elevator Lobby	During	13119	1275	0.0038
144	Outside Work Area 52nd Floor Inside Airlock	During	13120	1275	0.0050
145	Outside Work Area 52nd Floor Freight Elevator Lobby	During	13121	1275	0.0035
146	Outside Work Area 51st Floor Inside Airlock	During	13122	1275	0.0054
147	Outside Work Area 51st Floor Freight Elevator Lobby	During	13123	1275	0.0077
148	Outside Work Area 50th Floor Inside Airlock	During	13124	1275	0.0042
149	Outside Work Area 50th Floor Freight Elevator Lobby	During	13125	1275	0.0023

* 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

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Air Sample Data Chain of Custody

Page 2 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC. VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10006

Report to: MICHAEL DEANE

BOVIS

(212) 592-6964 (FAX)

Tel/Fax

Company

Name

Date Analyzed: 5/18/02 Analyst:

PCM XXXXXXXX

TLJ FIELD OFFICE FAX: (212) 312-2147 (FAX)

TURNAROUND TIME: 24 HRS

Rotometer: TLJ-10

Project #: MBQ - 025 AB

Date: 05/16/02

Technician: T. CHATREY

Signature: [Signature]

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			RESULTS: 1/cc 1 s/cc	RESULTS: 1/mm ² 1 s/mm ²
									PCM #	FIBERS/ FIBERS	FIBERS/ FIBERS		
138	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		16002015		255	5/5	1275	13117	2' 100	2' 100	0-0021	
139	4	OWA - REMOTE WASTE DECON		16002015		255	5/5	1275	13117	1' 100	1' 100	0-0027	
140	4	OWA - 56TH FLOOR, INSIDE AIR LOCK		16022017		255	5/5	1275	13116	1' 100	1' 100	0-0021	
141	4	OWA - 56TH FLOOR, FREIGHT ELEVATOR LOBBY		16022017		255	5/5	1275	13117	1' 100	1' 100	0-0035	
142	4	OWA - 53RD FLOOR, INSIDE AIR LOCK		16042019		255	5/5	1275	13118	6.5' 100	6.5' 100	0-0021	
143	4	OWA - 53RD FLOOR, FREIGHT ELEVATOR LOBBY		16042019		255	5/5	1275	13119	10' 100	10' 100	0-0039	
144	4	OWA - 52ND FLOOR, INSIDE AIR LOCK		16062021		255	5/5	1275	11120	13' 100	13' 100	0-0035	
145	4	OWA - 52ND FLOOR, FREIGHT ELEVATOR LOBBY		16062021		255	5/5	1275	13121	9' 100	9' 100	0-0035	
146	4	OWA - 51ST FLOOR, INSIDE AIR LOCK		16082023		255	5/5	1275	13122	14' 100	14' 100	0-0054	
147	4	OWA - 51ST FLOOR, FREIGHT ELEVATOR LOBBY		16082023		255	5/5	1275	13123	20' 100	20' 100	0-0077	
148	4	OWA - 50TH FLOOR, INSIDE AIR LOCK		16102025		255	5/5	1275	13124	11' 100	11' 100	0-0042	
149	4	OWA - 50TH FLOOR, FREIGHT ELEVATOR LOBBY		16102025		255	5/5	1275	13125	6' 100	6' 100	0-0023	

Relinquished by (signature):

Date/Time:

05/16/02

Received by (signature):

Date/Time:

5/18/02 0330

SAMPLE

1 - Ambient

2 - Background

3 - Pre-Test

CODIS:

4 - During

5 - Final

6 - Personal/OSHA

IWA:

INSIDE WORK AREA

OWA:

OUTSIDE WORK AREA

**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:** 05/16/02**Project #:** MBO-025AB**Date Rec'd (lab):** 05/18/02**Analysis Date:** 05/18/02**Analyst:** L. Chiaverini**Sample Location** Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400**Field Technician** T. Chhetry**Sample Condition Acceptable?** YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
150	Field Blank	Blank	13126	0	<0.0021
151	Field Blank	Blank	13127	0	<0.0021
152	Field Blank	Blank	13128	0	<0.0021

* 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: 05/17/02

Project #: MBO-025AB

Date Rec'd (lab): 05/20/02

Analysis Date: 05/20/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
153	Outside Work Area Clean Room of Personal Decon	During	13515	1200	0.0029
154	Outside Work Area Remote Waste Decon	During	13516	1200	<0.0023
155	Outside Work Area 56th Floor Inside Airlock	During	13517	1200	0.0027
156	Outside Work Area 56th Floor Freight Elevator Lobby	During	13518	1200	0.0031
157	Outside Work Area 53rd Floor Inside Airlock	During	13519	1200	0.0049
158	Outside Work Area 53rd Floor Freight Elevator Lobby	During	13520	1200	0.0061
159	Outside Work Area 52nd Floor Inside Airlock	During	13521	1200	0.0059
160	Outside Work Area 52nd Floor Freight Elevator Lobby	During	13522	1200	0.0090
161	Outside Work Area 51st Floor Inside Airlock	During	13523	1200	0.0080
162	Outside Work Area 51st Floor Freight Elevator Lobby	During	13524	1200	OVERLOAD
163	Outside Work Area 50th Floor Inside Airlock	During	13525	1200	<0.0023
164	Outside Work Area 50th Floor Freight Elevator Lobby	During	13526	1200	0.0045

* 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 3

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC. VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10006**

Report to: **MICHAEL DEANE** BOVIS Company

TEL/FAX

(212) 592-6964 (FAX)

PCM XXXXXXX

Analyst: *[Signature]*

Date Analyzed: 5/20/02

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 05/17/02

Technician: T. CHENERY

Signature: *[Signature]*

Rotometer: **TLI - 10**

TURNAROUND TIME: 24hrs.

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/min' 'mi
153	4	OWA-CLEAN ROOM OF PERSONNEL DECON		1200 1600	1200 1600	240	5/5	1200	13515	7/100	0.0029	
154	4	OWA-REMOTE WASTE DECON		1200 1600	1200 1600	240	5/5	1200	13516	5/100	0.0023	
155	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1202 1602	1202 1602	240	5/5	1200	13517	6.5/100	0.0027	
156	4	OWA-56TH FLOOR, FREIGHT ELEVATOR LOBBY		1202 1602	1202 1602	240	5/5	1200	13518	7.5/100	0.0031	
157	4	OWA-53RD FLOOR, INSIDE AIRLOCK		1204 1604	1204 1604	240	5/5	1200	13519	12/100	0.0049	
158	4	OWA-53RD FLOOR, FREIGHT ELEVATOR LOBBY		1204 1604	1204 1604	240	5/5	1200	13520	15/100	0.0061	
159	4	OWA-52ND FLOOR, INSIDE AIRLOCK		1206 1606	1206 1606	240	5/5	1200	13521	14.5/100	0.0059	
160	4	OWA-52ND FLOOR, FREIGHT ELEVATOR LOBBY		1206 1606	1206 1606	240	5/5	1200	13522	22/100	0.0090	
161	4	OWA-51ST FLOOR, INSIDE AIRLOCK		1208 1608	1208 1608	240	5/5	1200	13523	19.5/100	0.0080	
162	4	OWA-51ST FLOOR, FREIGHT ELEVATOR LOBBY		1208 1608	1208 1608	240	5/5	1200	13524	OVERLID		
163	4	OWA-50TH FLOOR, INSIDE AIRLOCK		1210 1610	1210 1610	240	5/5	1200	13525	4/100	0.0023	
164	4	OWA-56TH FLOOR, FREIGHT ELEVATOR LOBBY		1210 1610	1210 1610	240	5/5	1200	13526	11/100	0.0045	

Relinquished by (signature): *[Signature]* Date/Time: 05/17/02 9:15 AM

Received by (signature): *[Signature]* Date/Time: 5/20/02

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test 6 - Personal/OSHA

CODES: 5 - Final INSIDE WORK AREA

TWA:



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: 05/17/02

Project #: MBO-025AB

Date Rec'd (lab): 05/20/02

Analysis Date: 05/20/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street
New York, New York
Various Floors

Analytical Method: NIOSH 7400

Field Technician T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
165	Outside Work Area Clean Room of Personal Decon	During	13527	1275	<0.0021
166	Outside Work Area Remote Waste Decon	During	13528	1275	<0.0021
167	Outside Work Area 56th Floor Inside Airlock	During	13529	1275	<0.0021
168	Outside Work Area 56th Floor Freight Elevator Lobby	During	13530	1275	<0.0021
169	Outside Work Area 53rd Floor Inside Airlock	During	13531	1275	0.0081
170	Outside Work Area 53rd Floor Freight Elevator Lobby	During	13532	1275	0.0069
171	Outside Work Area 52nd Floor Inside Airlock	During	13533	1275	0.0054
172	Outside Work Area 52nd Floor Freight Elevator Lobby	During	13534	1275	0.0063
173	Outside Work Area 51st Floor Inside Airlock	During	13535	1275	0.0079
174	Outside Work Area 51st Floor Freight Elevator Lobby	During	13536	1275	0.0119
175	Outside Work Area 50th Floor Inside Airlock	During	13537	1275	<0.0021
176	Outside Work Area 50th Floor Freight Elevator Lobby	During	13538	1275	0.0021

* 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 2 of 3Client: BOVIS LEND LEASE - LMBProject Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORSProject Address: 55 CHURCH STREET, NEW YORK, NY 10006Report to: MICHAEL DEANE BOVIS Company
Name(212) 592-6964 (FAX) ✓
Tel/FaxDate Analyzed: 5/20/02 Analyst: [Signature]

PCM XXXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX) ✓

Project #: MBO - 025 ABDate: 05/17/02Technician: T. CHETRYSignature: [Signature]Rotometer: TLI-10TURNAROUND TIME: 24 Hrs.

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: 1/cc 1 s/cc	RESULTS: 1/mm ² 1 min
165	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		1600	2015	255	5/5	1275	13527	2/100	<0.0021	
166	4	OWA - REMOTE WASTE DECON		1600	2015	255	5/5	1275	13528	2/100	<0.0021	
167	4	OWA - 56TH FLOOR, INSIDE AIR LOCK		1602	2017	255	5/5	1275	13529	4/100	<0.0021	
168	4	OWA - 56TH FLOOR, FREIGHT ELEVATOR LOBBY		1602	2017	255	5/5	1275	13530	3.5/100	<0.0021	
169	4	OWA - 53RD FLOOR, INSIDE AIR LOCK		1604	2019	255	5/5	1275	13531	2/100	0.0081	
170	4	OWA - 53RD FLOOR, FREIGHT ELEVATOR LOBBY		1604	2019	255	5/5	1275	13532	18/100	0.0069	
171	4	OWA - 52ND FLOOR, INSIDE AIR LOCK		1606	2021	255	5/5	1275	13533	14/100	0.0054	
172	4	OWA - 52ND FLOOR, FREIGHT ELEVATOR LOBBY		1606	2021	255	5/5	1275	13534	16.5/100	0.0063	
173	4	OWA - 51ST FLOOR, INSIDE AIR LOCK		1608	2023	255	5/5	1275	13535	20.5/100	0.0079	
174	4	OWA - 51ST FLOOR, FREIGHT ELEVATOR LOBBY		1608	2023	255	5/5	1275	13536	31/100	0.0119	
175	4	OWA - 50TH FLOOR, INSIDE AIR LOCK		1610	2025	255	5/5	1275	13537	4/100	<0.0021	
176	4	OWA - 50TH FLOOR, FREIGHT ELEVATOR LOBBY		1610	2025	255	5/5	1275	13538	5.5/100	0.0021	

RELINQUISHED BY (signature): [Signature] Date/Time: 05/17/02

RECEIVED BY (signature): [Signature] Date/Time: 5/20/02

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

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

IWA: INSIDE WORK AREA

Relinquished by (signature): [Signature]

Date/Time: 05/17/02


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:	05/17/02
		Date Rec'd (lab):	05/20/02
Project #:	MBO-025AB	Analysis Date:	05/20/02
		Analyst:	D. McCarl
Sample Location	Millenium Hilton @ WTC 55 Chruch Street New York, New York Various Floors	Analytical Method:	NIOSH 7400
Field Technician	T. Chhetry	Sample Condition Acceptable?	YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
177	Field Blank	Blank	13539	0	N/A
178	Field Blank	Blank	13540	0	N/A
179	Field Blank	Blank	13541	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.
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: 05/20/02

Project #: MBO-025AB

Date Rec'd (lab): 05/22/02

Analysis Date: 05/22/02

Analyst: J. Yarusso

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
180	Outside Work Area Clean Room Remote Personal Decon	During	13847	1200	0.0043
181	Outside Work Area Remote Waste Decon	During	13848	1200	0.0069
182	Outside Work Area 56th Floor Inside Airlock	During	13849	1200	0.0119
183	Outside Work Area 56th Floor Freight Elevator Lobby	During	13850	1200	0.0057
184	Outside Work Area 50th Floor Inside Airlock	During	13851	1195	0.0055
185	Outside Work Area 50th Floor Freight Elevator Lobby	During	13852	1195	0.0049
186	Outside Work Area 49th Floor Inside Airlock	During	13853	1155	0.0025
187	Outside Work Area 49th Floor Freight Elevator Lobby	During	13854	1155	0.0064
188	Outside Work Area 48th Floor Inside Airlock	During	13855	1115	0.0034
189	Outside Work Area 48th Floor Freight Elevator Lobby	During	13856	1115	0.0070
190	Outside Work Area 47th Floor Inside Airlock	During	13857	1100	0.0107
191	Outside Work Area 47th Floor Freight Elevator Lobby	During	13858	1100	0.0071

* 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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NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 05/20/02

Project #: MBO-025AB

Date Rec'd (lab): 05/22/02

Analysis Date: 05/22/02

Analyst: J. Yarusso

Sample Location Millenium Hilton @ WTC
 55 Church Street
 New York, New York
 Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
192	VOID	During			
193	VOID	During			
194	Outside Work Area Clean Room Remote Personal Decon	During	13859	1300	0.0030
195	Outside Work Area Remote Waste Decon	During	13860	1300	0.0028
196	Outside Work Area 56th Floor Inside Airlock	During	13861	1300	0.0032
197	Outside Work Area 55th Floor Freight Elevator Lobby	During	13862	1300	0.0038
198	Outside Work Area 50th Floor Inside Airlock	During	13863	1300	0.0030
199	Outside Work Area 50th Floor Freight Elevator Lobby	During	13864	1300	0.0064
200	Outside Work Area 49th Floor Inside Airlock	During	13865	1300	0.0023
201	Outside Work Area 49th Floor Freight Elevator Lobby	During	13866	1300	0.0041
202	Outside Work Area 48th Floor Inside Airlock	During	13867	1300	0.0021
203	Outside Work Area 48th Floor Freight Elevator Lobby	During	13868	1300	0.0045

* 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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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: 05/20/02

Project #: MBO-025AB

Date Rec'd (lab): 05/22/02

Analysis Date: 05/22/02

Analyst: J. Yarusso

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
204	Outside Work Area 47th Floor Inside Airlock	During	13869	1300	0.0092
205	Outside Work Area 47th Floor Freight Elevator Lobby	During	13870	1300	0.0113
206	Field Blank	Blank	13871	0	N/A
207	Field Blank	Blank	13872	0	N/A
208	Field Blank	Blank	13873	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.

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Air Sample Data Chain of Custody

Page 1 of 3

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC. VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10006**

Report to: **MICHAEL DEAN** (212) 592-6964 (FAX)

BOVIS Company

PCM XXXXXXXX

Analyst: **J.Y.**

Tel/Fax

Rotometer: **TLJ-10**

TURNAROUND TIME: **24 hrs**

TLJ FIELD OFFICE FAX: (212) 312-2147 (FAX)

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	RESULTS: f/mm ³ s/m
									Q2 PCM #	FIBERS/ FIELDS	RESULTS: f/cc		
180	4	OWA - 56TH FLOOR, DECON		1200	1600	240	5/5	1200	13847	100	0.0043		
181	4	OWA - REMOTE WASTE		1200	1600	240	5/5	1200	13848	170/100	0.0069		
182	4	OWA - 56TH FLOOR, INSIDE AIRLOCK		1202	1602	240	5/5	1200	13849	290/100	0.0119		
183	4	OWA - 56TH FLOOR, FREIGHT ELEVATOR LOBBY		1202	1602	240	5/5	1200	13850	140/100	0.0057		
184	4	OWA - 50TH FLOOR, INSIDE AIRLOCK		1205	1604	239	5/5	1195	13851	135/100	0.0055		
185	4	OWA - 50TH FLOOR, FREIGHT ELEVATOR LOBBY		1205	1604	239	5/5	1195	13852	120/100	0.0049		
186	4	OWA - 49TH FLOOR, INSIDE AIRLOCK		1215	1606	231	5/5	1155	13853	60/100	0.0035		
187	4	OWA - 49TH FLOOR, FREIGHT ELEVATOR LOBBY		1215	1606	231	5/5	1155	13854	150/100	0.0064		
188	4	OWA - 48TH FLOOR, INSIDE AIRLOCK		1225	1608	223	5/5	1115	13855	80/100	0.0034		
189	4	OWA - 48TH FLOOR, FREIGHT ELEVATOR LOBBY		1225	1608	223	5/5	1115	13856	160/100	0.0070		
190	4	OWA - 47TH FLOOR, INSIDE AIRLOCK		1230	1610	220	5/5	1100	13857	240/100	0.0107		
191	4	OWA - 47TH FLOOR, FREIGHT ELEVATOR LOBBY		1230	1610	220	5/5	1100	13858	160/100	0.0071		

Relinquished by (signature): Tej Date/Time: 05/20/02 9:45 PM

Received by (signature): D. Argent Date/Time: 5/22/02 9:30

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

Man 8/10/02 18:00


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: 05/21/02

Project #: MBO-025AB

Date Rec'd (lab): 05/22/02

Analysis Date: 05/22/02

Analyst: A. Sokol

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
209	Outside Work Area Clean Room of Personal Decon	During	13988	1200	<0.0023
210	Outside Work Area Remote Waste Decon	During	13989	1200	<0.0023
211	Outside Work Area 56th Floor Inside Airlock	During	13990	1200	0.0043
212	Outside Work Area 56th Floor Freight Elevator Lobby	During	13991	1200	<0.0023
213	Outside Work Area 50th Floor Inside Airlock	During	13992	1200	0.0033
214	Outside Work Area 50th Floor Freight Elevator Lobby	During	13993	1200	0.0027
215	Outside Work Area 49th Floor Inside Airlock	During	13994	1200	<0.0023
216	Outside Work Area 49th Floor Freight Elevator Lobby	During	13995	1200	0.0033
217	Outside Work Area 48th Floor Inside Airlock	During	13996	1200	0.0031
218	Outside Work Area 48th Floor Freight Elevator Lobby	During	13997	1200	0.0025
219	Outside Work Area 47th Floor Inside Airlock	During	13998	1200	<0.0023
220	Outside Work Area 47th Floor Freight Elevator Lobby	During	13999	1200	0.0025

* 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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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: 05/21/02

Project #: MBO-025AB

Date Rec'd (lab): 05/22/02

Analysis Date: 05/22/02

Analyst: A. Sokol

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
221	Outside Work Area 6th Floor MER Inside Airlock	During	14000	1190	0.0056
222	Outside Work Area 6th Floor MER Freight Elevator Lobby	During	14001	1190	0.0058
223	Outside Work Area Clean Room of Remote Personal Decon	During	14002	1300	0.0021
224	Outside Work Area Remote Waste Decon	During	14003	1300	0.0023
225	Outside Work Area 56th Floor Inside Airlock	During	14004	1300	0.0034
226	Outside Work Area 56th Floor Freight Elevator Lobby	During	14005	1300	0.0028
227	Outside Work Area 50th Floor Inside Airlock	During	14006	1300	0.0034
228	Outside Work Area 50th Floor Freight Elevator Lobby	During	14007	1300	0.0040
229	Outside Work Area 49th Floor Inside Airlock	During	14008	1300	0.0023
230	Outside Work Area 49th Floor Freight Elevator Lobby	During	14009	1300	<0.0021
231	Outside Work Area 48th Floor Inside Airlock	During	14010	1300	0.0026
232	Outside Work Area 48th Floor Freight Elevator Lobby	During	14011	1300	0.0028

* 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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 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: 05/21/02

Project #: MBO-025AB

Date Rec'd (lab): 05/22/02

Analysis Date: 05/22/02

Analyst: A. Sokol

Sample Location Millenium Hilton @ WTC
 55 Chruch Street
 New York, New York
 Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
233	Outside Work Area 47th Floor Inside Airlock	During	14012	1300	0.0038
234	Outside Work Area 47th Floor Freight Elevator Lobby	During	14013	1300	0.0034
235	Outside Work Area 6th Floor MER Inside Airlock	During	14014	1300	0.0023
236	Outside Work Area 6th Floor MER Freight Elevator Lobby	During	14015	1300	0.0032
237	Field Blank	Blank	14016	0	N/A
238	Field Blank	Blank	14017	0	N/A
239	Field Blank	Blank	14018	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.

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Air Sample Data Chain of Custody

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS**

(212) 592-6964 (FAX)

Tel/Fax

Company

[Signature]

Date Analyzed: **05/22/02** Analyst: **PCM**

PCMXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: **05/21/02**

Technician: **J. C. HENDERY**

Signature: *[Signature]*

Rotometer: **TLI-10**

TURNAROUND TIME: **24 Hrs**

ANALYSIS LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	LABORATORY USE ONLY	RESULTS: f/cc s/cc	RESULTS: f/mm ³ s/n
209	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		1400	1800	240	5/5	1200	2853	4.5/100	10.0023
210	4	OWA - REMOTE WASTE DECON		1400	1800	240	5/5	1200	13537	3/100	10.0023
211	4	OWA - 56TH FLOOR, INSIDE AIR LOCK		1402	1802	240	5/5	1200	13590	10.5/100	10.0043
212	4	OWA - 56TH FLOOR, FREIGHT ELEVATOR LOBBY		1402	1802	240	5/5	1200	13591	5/100	10.0023
213	4	OWA - 50TH FLOOR, INSIDE AIR LOCK		1404	1804	240	5/5	1200	13592	8/100	10.0033
214	4	OWA - 50TH FLOOR, FREIGHT ELEVATOR LOBBY		1404	1804	240	5/5	1200	13593	6.5/100	10.0027
215	4	OWA - 49TH FLOOR, INSIDE AIR LOCK		1406	1806	240	5/5	1200	13594	4.5/100	10.0023
216	4	OWA - 49TH FLOOR, FREIGHT ELEVATOR LOBBY		1406	1806	240	5/5	1200	13595	8/100	10.0033
217	4	OWA - 48TH FLOOR, INSIDE AIR LOCK		1408	1808	240	5/5	1200	13596	7.5/100	10.0031
218	4	OWA - 48TH FLOOR, FREIGHT ELEVATOR LOBBY		1408	1808	240	5/5	1200	13597	6/100	10.0025
219	4	OWA - 47TH FLOOR, INSIDE AIR LOCK		1410	1810	240	5/5	1200	13598	5/100	10.0023
220	4	OWA - 47TH FLOOR, FREIGHT ELEVATOR LOBBY		1410	1810	240	5/5	1200	13599	6/100	10.0025

Relinquished by (signature): *[Signature]* Date/Time: **05/21/02 11:30 PM**

Received by (signature): *[Signature]* Date/Time: **05/22/02**

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

[Signature] 5-22-2 18:15

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Air Sample Data Chain of Custody

Page 2 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10006

Report to: MICHAEL DEANE BOVIS Company

Name

Date Analyzed: 05/22/02 Analyst: ASL

(212) 592-6964 (FAX)

Tel/Fax

PCM XXXXXXXX

Project #: MBO - 025 AB

Date: 05/21/02

Technician: T. CHAFFIN

Signature: [Signature]

Rolometer: TLI - 10

TURNAROUND TIME: 24 hrs

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/min ² s/n
221	4	OWA - 6TH FLOOR - MER, INSIDE AIRLOCK		14151813		238	5/5	1190	14001	135100	0.0056	
222	4	OWA - 6TH FLOOR - MER, FREIGHT ELEVATOR LOBBY		14151813		238	5/5	1190	14002	141100	0.0053	
223	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		18002220		260	5/5	1300	14003	145100	0.0021	
224	4	OWA - REMOTE WASTE DECON		18002220		260	5/5	1300	14004	61100	0.0023	
225	4	OWA - 56TH FLOOR, INSIDE AIRLOCK		18022222		260	5/5	1300	14005	91100	0.0034	
226	4	OWA - 56TH FLOOR, FREIGHT ELEVATOR LOBBY		18022222		260	5/5	1300	14006	78100	0.0023	
227	4	OWA - 50TH FLOOR, INSIDE AIRLOCK		18042224		260	5/5	1300	14007	83100	0.0034	
228	4	OWA - 50TH FLOOR, FREIGHT ELEVATOR LOBBY		18042224		260	5/5	1300	14008	105100	0.0040	
229	4	OWA - 49TH FLOOR, INSIDE AIRLOCK		18062226		260	5/5	1300	14009	61100	0.0023	
230	4	OWA - 49TH FLOOR, FREIGHT ELEVATOR LOBBY		18062226		260	5/5	1300	14010	51100	0.0021	
231	4	OWA - 48TH FLOOR, INSIDE AIRLOCK		18082228		260	5/5	1300	14011	71100	0.0026	
232	4	OWA - 48TH FLOOR, FREIGHT ELEVATOR LOBBY		18082228		260	5/5	1300	14012	75100	0.0023	

Relinquished by (signature): [Signature] Date/Time: 05/21/02

Received by (signature): [Signature] Date/Time: 05/21/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

TESTWELL LABORATORIES, INC.

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Air Sample Data Chain of Custody

Page

3 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC. VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10006

Report to: MICHAEL DEANE

BOVIS

Company

(212) 592-6964 (FAX)

Tel/Fax

Date Analyzed: 05/22/02

Analyst: ASD

PCM XXXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: MBO - 025 AB

Date: 05/21/02

Technician: T. CHETNEY

Signature: [Signature]

Rotometer: TLI-10

TURNAROUND TIME: 24 HRS

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			RESULTS: 1/cg s/cc	RESULTS: 1/mm ² s/mm
									PCM#	FIBERS/ FIELDS	TEM #		
233	4	OWA - 47TH FLOOR - INSIDE AIRLOCK		1810	2230	260	5/5	1300	14012	10/100		0.0033	()
234	4	OWA - 47TH FLOOR - FREIGHT ELEVATOR LOBBY		1810	2230	260	5/5	1300	14013	9/100		0.0034	
235	4	OWA - 6TH FLOOR - MER, INSIDE AIRLOCK		1813	2233	260	5/5	1300	14014	6/100		0.0023	
236	4	OWA - 6TH FLOOR - MER, FREIGHT ELEVATOR LOBBY		1813	2233	260	5/5	1300	14015	8.5/100		0.0032	
237	4	F. BLANK		N/A					14016	0/100		N/A	
238	4	F. BLANK		N/A					14017	0/100		N/A	
239	4	F. BLANK		N/A					14018	0/100		N/A	
										1			
										1			
										1			
										1			
										1			

Relinquished by (signature):

Date/Time: 05/21/02

Received by (signature): [Signature]

Date/Time: 05/22/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 05/22/02

Project #: MBO-025AB

Date Rec'd (lab): 05/23/02

Analysis Date: 05/23/02

Analyst: D. McCarl

Sample Location: Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician: T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
240	Outside Work Area Clean Room of Remote Personal Decon	During	14037	1200	0.0025
241	Outside Work Area Remote Waste Decon	During	14038	1200	0.0025
242	Outside Work Area 56th Floor Inside Airlock	During	14039	1200	0.0035
243	Outside Work Area 56th Floor Freight Elevator Lobby	During	14040	1200	0.0041
244	Outside Work Area 49th Floor Inside Airlock	During	14041	1200	0.0047
245	Outside Work Area 49th Floor Freight Elevator Lobby	During	14042	1200	0.0039
246	Outside Work Area 48th Floor Inside Airlock	During	14043	1200	0.0069
247	Outside Work Area 48th Floor Freight Elevator Lobby	During	14044	1200	0.0063
248	Outside Work Area 47th Floor Inside Airlock	During	14045	1200	0.0035
249	Outside Work Area 47th Floor Freight Elevator Lobby	During	14046	1200	0.0043
250	Outside Work Area 6th Floor MER Inside Airlock	During	14047	1200	0.0037
251	Outside Work Area 6th Floor MER Freight Elevator Lobby	During	14048	1200	0.0067

* 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: 05/22/02

Project #: MBO-025AB

Date Rec'd (lab): 05/23/02

Analysis Date: 05/23/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
252	Outside Work Area Clean Room of Remote Personal Decon	During	14049	1300	<0.0021
253	Outside Work Area Remote Waste Decon	During	14050	1300	<0.0021
254	Outside Work Area 56th Floor Inside Airlock	During	14051	1300	0.0034
255	Outside Work Area 56th Floor Freight Elevator Lobby	During	14052	1300	0.0060
256	Outside Work Area 49th Floor Inside Airlock	During	14053	1300	0.0038
257	Outside Work Area 49th Floor Freight Elevator Lobby	During	14054	1300	0.0025
258	Outside Work Area 48th Floor Inside Airlock	During	14055	1300	0.0070
259	Outside Work Area 48th Floor Freight Elevator Lobby	During	14056	1300	0.0057
260	Outside Work Area 47th Floor Inside Airlock	During	14057	1300	0.0040
261	Outside Work Area 47th Floor Freight Elevator Lobby	During	14058	1300	0.0041
262	Outside Work Area 6th Floor MER Inside Airlock	During	14059	1300	0.0079
263	Outside Work Area 6th Floor MER Freight Elevator Lobby	During	14060	1300	0.0106

* 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

Project #: MBO-025AB

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Field Technician T. Chhetry

Date Collected: 05/22/02

Date Rec'd (lab): 05/23/02

Analysis Date: 05/23/02

Analyst: D. McCarl

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
264	Field Blank	Blank	14061	0	N/A
265	Field Blank	Blank	14062	0	N/A
266	Field Blank	Blank	14063	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 - LMB**
 Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**
 Project Address: **55 CHURCH STREET, NEW YORK, NY 10006**
 Report to: **MICHAEL DEANE** BOVIS Company: *[Signature]* Tel/Fax: (212) 592-6964 (FAX) ✓
 Date Analyzed: **5/23/02** Analyst: *[Signature]* TLI FIELD OFFICE FAX: (212) 312-2147 (FAX) ✓
 Project #: **MBO - 025 AB**
 Date: **05/22/02**
 Technician: **T. CHERRY / B. LANE**
 Signature: *[Signature]*
 Rotometer: **TLI - 10**
 TURNAROUND TIME: **24 HRS**

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	RESULT: f/mm ² s/f
240	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		1400	1800	240	5/5	1200	14037	6 / 100	0.0025	
241	4	OWA - REMOTE WASTE DECON		1400	1800	240	5/5	1200	14038	6 / 100	0.0025	
242	4	OWA - 56TH FLOOR, INSIDE AIRLOCK		1402	1802	240	5/5	1200	14039	8.5 / 100	0.0035	
243	4	OWA - 56TH FLOOR, FREIGHT ELEVATOR LOBBY		1402	1802	240	5/5	1200	14040	10 / 100	0.0041	
244	4	OWA - 49TH FLOOR, INSIDE AIRLOCK		1404	1804	240	5/5	1200	14041	11.5 / 100	0.0047	
245	4	OWA - 49TH FLOOR, FREIGHT ELEVATOR LOBBY		1404	1804	240	5/5	1200	14042	9.5 / 100	0.0039	
246	4	OWA - 48TH FLOOR, INSIDE AIRLOCK		1406	1806	240	5/5	1200	14043	17 / 100	0.0069	
247	4	OWA - 48TH FLOOR, FREIGHT ELEVATOR LOBBY		1406	1806	240	5/5	1200	14044	15.5 / 100	0.0063	
248	4	OWA - 47TH FLOOR, INSIDE AIRLOCK		1408	1808	240	5/5	1200	14045	8.5 / 100	0.0035	
249	4	OWA - 47TH FLOOR, FREIGHT ELEVATOR LOBBY		1408	1808	240	5/5	1200	14046	10.5 / 100	0.0043	
250	4	OWA - 6TH FLOOR - MER, INSIDE AIRLOCK		1410	1810	240	5/5	1200	14047	9 / 100	0.0037	
251	4	OWA - 6TH FLOOR - MER, FREIGHT ELEVATOR LOBBY		1410	1810	240	5/5	1200	14048	10.5 / 100	0.0067	

Relinquished by (signature): *[Signature]* Date/Time: 05/22/02 11:30 pm
 Received (signature): *[Signature]* Date/Time: 5/23/02
 SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: 4 - During 5 - Final 6 - Personal/OSHIA
 IWA: INSIDE WORK AREA
 OWA: OUTSIDE WORK AREA

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 3

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS

Company

Tel/Fax

(212) 592-0964 (FAX)

Date Analyzed: 5/23/02 Analyst: [Signature]

TLI FIELD OFFICE FAX:- (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 05/22/02

Technician: J. CHAFFIN

Signature: [Signature]

Rotometer: TLI-10

TURNAROUND TIME: 24 Hrs

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM #	FIBERS/FIELDS	RESULTS: f/cc	RESULTS: f/mm ² s/mi
252	4	OWA-CLEAN ROOM OF PERSONAL DECON		1800	2220	260	5/5	1300	14049	5/100	<0.0021	
253	4	OWA-REMOTE WASTE DECON		1800	2220	260	5/5	1300	14050	3.5/100	<0.0021	
254	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1802	2222	260	5/5	1300	14051	9/100	0.0034	
255	4	OWA-56TH FLOOR, FREIGHT ELEVATOR LOBBY		1802	2222	260	5/5	1300	14052	16/100	0.0060	
256	4	OWA-49TH FLOOR, INSIDE AIRLOCK		1804	2224	260	5/5	1300	14053	10/100	0.0038	
257	4	OWA-49TH FLOOR, FREIGHT ELEVATOR LOBBY		1804	2224	260	5/5	1300	14054	6.5/100	0.0025	
258	4	OWA-48TH FLOOR, INSIDE AIRLOCK		1806	2226	260	5/5	1300	14055	8.5/100	0.0070	
259	4	OWA-48TH FLOOR, FREIGHT ELEVATOR LOBBY		1806	2226	260	5/5	1300	14056	15/100	0.0057	
260	4	OWA-47TH FLOOR, INSIDE AIRLOCK		1808	2228	260	5/5	1300	14057	10.5/100	0.0046	
261	4	OWA-47TH FLOOR, FREIGHT ELEVATOR LOBBY		1808	2228	260	5/5	1300	14058	11/100	0.0041	
262	4	OWA-6TH FLOOR-MER, INSIDE AIRLOCK		1810	2230	260	5/5	1300	14059	21/100	0.0079	
263	4	OWA-6TH FLOOR-MER, FREIGHT ELEVATOR LOBBY		1810	2230	260	5/5	1300	14060	38/100	0.0106	

Relinquished by (signature): <u>[Signature]</u>	Date/Time: <u>05/23/02</u>	Received by (signature): <u>[Signature]</u>	Date/Time: <u>5/23/02</u>
SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test		4 - During 5 - Final	
IWA: INSIDE WORK AREA		OWA: OUTSIDE WORK AREA	


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: 05/23/02

Project #: MBO-025AB

Date Rec'd (lab): 05/24/02

Analysis Date: 05/24/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
267	Outside Work Area Clean Room of Remote Personal Decon	During	14235	1200	<0.0023
268	Outside Work Area Remote Waste Decon	During	14236	1200	<0.0023
269	Outside Work Area 56th Floor Inside Airlock	During	14237	1200	0.0041
270	Outside Work Area 56th Floor Freight Elevator Lobby	During	14238	1200	0.0076
271	Outside Work Area 49th Floor Inside Airlock	During	14239	1200	0.0037
272	Outside Work Area 49th Floor Freight Elevator Lobby	During	14240	1200	<0.0023
273	Outside Work Area 48th Floor Inside Airlock	During	14241	1200	0.0065
274	Outside Work Area 48th Floor Freight Elevator Lobby	During	14242	1200	0.0051
275	Outside Work Area 47th Floor Inside Airlock	During	14243	1200	0.0061
276	Outside Work Area 47th Floor Freight Elevator Lobby	During	14244	1200	0.0041
277	Outside Work Area 46th Floor Inside Airlock	During	14245	1200	0.0065
278	Outside Work Area 46th Floor Freight Elevator Lobby	During	14246	1200	0.0090

* 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: 05/23/02

Project #: MBO-025AB

Date Rec'd (lab): 05/24/02

Analysis Date: 05/24/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

 55 Chruch Street
 New York, New York
 Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
279	Outside Work Area 45th Floor Inside Airlock	During	14247	1200	0.0082
280	Outside Work Area 45th Floor Freight Elevator Lobby	During	14248	1200	0.0053
281	Outside Work Area 6th Floor MER Inside Airlock	During	14249	1200	0.0084
282	Outside Work Area 6th Floor MER Freight Elevator Lobby	During	14250	1200	0.0106
283	Outside Work Area Clean Room of Remote Personal Decon	During	14251	1300	<0.0021
284	Outside Work Area Remote Waste Decon	During	14252	1300	0.0021
285	Outside Work Area 56th Floor Inside Airlock	During	14253	1300	0.0030
286	Outside Work Area 56th Floor Freight Elevator Lobby	During	14254	1300	0.0028
287	Outside Work Area 49th Floor Inside Airlock	During	14255	1300	0.0026
288	Outside Work Area 49th Floor Freight Elevator Lobby	During	14256	1300	<0.0021
289	Outside Work Area 48th Floor Inside Airlock	During	14257	1300	0.0034
290	Outside Work Area 48th Floor Freight Elevator Lobby	During	14258	1300	0.0028

* 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: 05/23/02

Project #: MBO-025AB

Date Rec'd (lab): 05/24/02

Analysis Date: 05/24/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street
New York, New York
Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
291	Outside Work Area 47th Floor Inside Airlock	During	14259	1300	0.0030
292	Outside Work Area 47th Floor Freight Elevator Lobby	During	14260	1300	0.0040
293	Outside Work Area 46th Floor Inside Airlock	During	14261	1300	0.0041
294	Outside Work Area 46th Floor Freight Elevator Lobby	During	14262	1300	0.0036
295	Outside Work Area 45th Floor Inside Airlock	During	14263	1300	<0.0021
296	Outside Work Area 45th Floor Freight Elevator Lobby	During	14264	1300	0.0028
297	Outside Work Area 6th Floor MER Inside Airlock	During	14265	1300	0.0075
298	Outside Work Area 6th Floor MER Freight Elevator Lobby	During	14266	1300	0.0091
299	Field Blank	Blank	14267	0	N/A
300	Field Blank	Blank	14268	0	N/A
301	Field Blank	Blank	14269	0	N/A
302	Field Blank	Blank	14270	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS

(212) 592-6964 (FAX)

Name: Michael Deane Company: BOVIS

Tel/Fax

Date Analyzed: 5/24/02 Analyst: [Signature]

PCMCXXXXXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Rotometer: TLI-10

TURNAROUND TIME: 24 Hrs

Project #: MBO - 025 AB

Date: 05/23/02

Technician: T. CHHETRY

Signature: [Signature]

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCMC # TEM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/h
267	4	OWA - BEAR ROOM OF REMOTE PERSONAL DECON		1400	1800	240	5/5	1200	14235	4/100	<0.0023	
268	4	OWA - REMOTE WASTE DECON		1400	1800	240	5/5	1200	14236	3/100	<0.0023	
269	4	OWA - 56TH FLOOR, INSIDE AIR LOCK		1402	1802	240	5/5	1200	14237	10/100	0.0041	
270	4	OWA - 56TH FLOOR, FREIGHT ELEVATOR LOBBY		1402	1802	240	5/5	1200	14238	18.5/100	0.0076	
271	4	OWA - 49TH FLOOR, INSIDE AIR LOCK		1404	1804	240	5/5	1200	14239	9/100	0.0037	
272	4	OWA - 49TH FLOOR, FREIGHT ELEVATOR LOBBY		1404	1804	240	5/5	1200	14240	5/100	<0.0023	
273	4	OWA - 48TH FLOOR, INSIDE AIR LOCK		1406	1806	240	5/5	1200	14241	16/100	0.0065	
274	4	OWA - 48TH FLOOR, FREIGHT ELEVATOR LOBBY		1406	1806	240	5/5	1200	14242	12.5/100	0.0051	
275	4	OWA - 47TH FLOOR, INSIDE AIR LOCK		1408	1808	240	5/5	1200	14243	15/100	0.0061	
276	4	OWA - 47TH FLOOR, FREIGHT ELEVATOR LOBBY		1408	1808	240	5/5	1200	14244	10/100	0.0041	
277	4	OWA - 46TH FLOOR, INSIDE AIR LOCK		1410	1810	240	5/5	1200	14245	16/100	0.0065	
278	4	OWA - 46TH FLOOR, FREIGHT ELEVATOR LOBBY		1410	1810	240	5/5	1200	14246	22/100	0.0090	

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

6 - Personal/OSHIA

5 - Final

CODING: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

Relinquished by (signature): [Signature]

Date/Time: 05/23/02 11:15 AM

Received by (signature): [Signature]

Date/Time: 5/24/02 11:30 AM

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 - LMB**

Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS** (212) 592-6964 (FAX) ✓

Name: _____ Company: _____ Tel/Fax: _____

Date Analyzed: 5/24/02 Analyst: [Signature] **PCM XXXXXXXX**

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MB0 - 025 AB**

Date: 05/23/02

Technician: J. CHAFFIN

Signature: [Signature]

Rotometer: TLI-10

TURN AROUND TIME: 24 hrs

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/n
279	4	OWA-45TH FLOOR, INSIDE AIRLOCK		1412 1812	1412 1812	240	5/5	1200	14247	20/100	0.0082	
280	4	OWA-45TH FLOOR, FREIGHT ELEVATOR LOBBY		1412 1812	1412 1812	240	5/5	1200	14248	13/100	0.0053	
281	4	OWA-6TH FLOOR-MER, INSIDE AIRLOCK		1414 1814	1414 1814	240	5/5	1200	14249	20.5/100	0.0084	
282	4	OWA-6TH FLOOR-MER, FREIGHT ELEVATOR LOBBY		1414 1814	1414 1814	240	5/5	1200	14250	26/100	0.0106	
283	4	OWA-CLEAN ROOM OF REMOTE PERSONAL DECK		1800 2220	1800 2220	260	5/5	1300	14251	4/100	<0.0021	
284	4	OWA-REMOTE WASTE DECK		1800 2220	1800 2220	260	5/5	1300	14252	5.5/100	0.0021	
285	4	OWA-56TH FLOOR, INSIDE AIRLOCK		1802 2222	1802 2222	260	5/5	1300	14253	8/100	0.0030	
286	4	OWA-56TH FLOOR, FREIGHT ELEVATOR LOBBY		1802 2222	1802 2222	260	5/5	1300	14254	7.5/100	0.0028	
287	4	OWA-49TH FLOOR, INSIDE AIRLOCK		1804 2224	1804 2224	260	5/5	1300	14255	7/100	0.0026	
288	4	OWA-49TH FLOOR, FREIGHT ELEVATOR LOBBY		1804 2224	1804 2224	260	5/5	1300	14256	4.5/100	<0.0021	
289	4	OWA-48TH FLOOR, INSIDE AIRLOCK		1806 2226	1806 2226	260	5/5	1300	14257	9/100	0.0034	
290	4	OWA-48TH FLOOR, FREIGHT ELEVATOR LOBBY		1806 2226	1806 2226	260	5/5	1300	14258	7.5/100	0.0028	

Relinquished by (signature): Tej Date/Time: 05/23/02

Received by (signature): [Signature] Date/Time: 5/24/02 11:26 AM

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

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

FWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

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 3 of 3

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE**

BOVIS

(212) 592-6964 (FAX)

Name

Tel/Fax

Date Analyzed: 5/24/02 Analyst: [Signature]

PCM XXXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 05/23/02

Technician: T. CHAFFETRY

Signature: [Signature]

Rotometer: TLI-10

TURN AROUND TIME: 24 hrs

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM #	FIBERS/FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/m
291	4	OWA-47TH FLOOR, INSIDE AIRLOCK		1808	2228	260	5/5	1300	14259	8/100	0.0030	
292	4	OWA-47TH FLOOR, FREIGHT ELEVATOR LOBBY		1808	2228	260	5/5	1300	14260	10.5/100	0.0040	
293	4	OWA-46TH FLOOR, INSIDE AIRLOCK		1810	2230	260	5/5	1300	14261	11/100	0.0041	
294	4	OWA-46TH FLOOR, FREIGHT ELEVATOR LOBBY		1810	2230	260	5/5	1300	14262	9.5/100	0.0036	
295	4	OWA-45TH FLOOR, INSIDE AIRLOCK		1812	2232	260	5/5	1300	14263	5/100	<0.0021	
296	4	OWA-45TH FLOOR, FREIGHT ELEVATOR LOBBY		1812	2232	260	5/5	1300	14264	7.5/100	0.0028	
297	4	OWA-6TH FLOOR-MER, INSIDE AIRLOCK		1814	2234	260	5/5	1300	14265	20/100	0.0075	
298	4	OWA-6TH FLOOR-MER, FREIGHT ELEVATOR LOBBY		1814	2234	260	5/5	1300	14266	24/100	0.0091	
299	4	F. BLANK		N/A					14267	0/100		
300	4	F. BLANK		N/A					14268	0/100		
301	4	F. BLANK		N/A					14269	0/100		
302	4	F. BLANK		N/A					14270	0/100		

Relinquished by (signature): <u>Teg</u>	Date/Time: <u>5/23/02</u>	Received by (signature): <u>[Signature]</u>	Date/Time: <u>5/24/02 11:30 AM</u>	SAMPLE	1 - Ambient	2 - Background	3 - Pre-Test
	6 - Personal/OSHIA						
CODICES: <u>4</u> During				5 - Final			
IWA: INSIDE WORK AREA				OWA: OUTSIDE WORK AREA			


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: 05/24/02

Project #: MBO-025AB

Date Rec'd (lab): 05/26/02

Analysis Date: 05/28/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
303	Outside Work Area Clean Room of Remote Personal Decon	During	14418	1200	<0.0023
304	Outside Work Area Remote Waste Decon	During	14419	1200	<0.0023
305	Outside Work Area 48th Floor Inside Airlock	During	14420	665	0.0059
306	Outside Work Area 48th Floor Freight Elevator Lobby	During	14421	665	0.0041
307	Outside Work Area 47th Floor Inside Airlock	During	14422	730	<0.0037
308	Outside Work Area 47th Floor Freight Elevator Lobby	During	14423	730	<0.0037
309	Outside Work Area 46th Floor Inside Airlock	During	14424	1180	0.0027
310	Outside Work Area 46th Floor Freight Elevator Lobby	During	14425	1180	0.0037
311	Outside Work Area 45th Floor Inside Airlock	During	14426	1180	0.0023
312	Outside Work Area 45th Floor Freight Elevator Lobby	During	14427	1180	<0.0023
313	Outside Work Area 44th Floor Inside Airlock	During	14428	1140	0.0077
314	Outside Work Area 44th Floor Freight Elevator Lobby	During	14429	1140	0.0084

* 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: 05/24/02

Project #: MBO-025AB

Date Rec'd (lab): 05/26/02

Analysis Date: 05/28/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
315	Outside Work Area Clean Room of Remote Personal Decon	During	14430	1350	0.0067
316	Outside Work Area Remote Waste Decon	During	14431	1350	OVERLOAD
317	Outside Work Area 46th Floor Inside Airlock	During	14432	1350	0.0054
318	Outside Work Area 46th Floor Freight Elevator Lobby	During	14433	1350	OVERLOAD
319	Outside Work Area 45th Floor Inside Airlock	During	14434	1350	0.0076
320	Outside Work Area 45th Floor Freight Elevator Lobby	During	14435	1350	0.0064
321	Outside Work Area 44th Floor Inside Airlock	During	14436	1350	0.0051
322	Outside Work Area 44th Floor Freight Elevator Lobby	During	14437	1350	OVERLOAD
323	Field Blank	Blank	14438	0	N/A
324	Field Blank	Blank	14439	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.

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Air Sample Data Chain of Custody

Page 1 of 2

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS**

Tel/Fax

(212) 592-6964 (FAX) ✓

Project #: **MBO - 025 AB**

Date: **05/24/02**

Technician: **T. CHETREY**

Signature: *[Signature]*

Rotometer: **TLL - 10**

TURNAROUND TIME: **24 hrs**

PCMCXXXXX

Date Analyzed: **5/28/02** Analyst: *[Signature]*

TEL FIELD OFFICE FAX: (212) 312-2147 (FAX) ✓

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	Q2 PCM #	FIBERS/ FIELDS	RESULTS: f/cc l s/cc	RESULTS f/mm ² l s/m
303	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		1400	1800	240	5/5	1200	14418	2/100	<0.0023	
304	4	OWA - REMOTE WASTE DECON		1400	1800	240	5/5	1200	14419	2.5/100	<0.0023	
305	4	OWA - 48TH FLOOR, INSIDE AIRLOCK		1402	1615	133	5/5	665	14420	8/100	0.0059	
306	4	OWA - 48TH FLOOR, FREIGHT ELEVATOR LOBBY		1402	1615	133	5/5	665	14421	5.5/100	0.0041	
307	4	OWA - 47TH FLOOR, INSIDE AIRLOCK		1404	1630	146	5/5	730	14422	4/100	<0.0037	
308	4	OWA - 47TH FLOOR, FREIGHT ELEVATOR LOBBY		1404	1630	146	5/5	730	14433	5/100	<0.0037	
309	4	OWA - 46TH FLOOR, INSIDE AIRLOCK		1406	1802	236	5/5	1180	14424	6.5/100	0.0027	
310	4	OWA - 46TH FLOOR, FREIGHT ELEVATOR LOBBY		1406	1802	236	5/5	1180	14425	9/100	0.0037	
311	4	OWA - 45TH FLOOR, INSIDE AIRLOCK		1408	1804	236	5/5	1180	14426	5.5/100	0.0023	
312	4	OWA - 45TH FLOOR, FREIGHT ELEVATOR LOBBY		1408	1804	236	5/5	1180	14427	2/100	<0.0023	
313	4	OWA - 44TH FLOOR, INSIDE AIRLOCK		1412	1806	228	5/5	1140	14428	18/100	0.0077	
314	4	OWA - 44TH FLOOR, FREIGHT ELEVATOR LOBBY		1412	1806	228	5/5	1140	14429	9.5/100	0.0084	

Relinquished by (signature): *[Signature]* Date/Time: **05/24/02 11:30 PM**

Received by (signature): *[Signature]* Date/Time: **5/26/02**

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

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 2Client: **BOVIS LEND LEASE - LMB**Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**Report to: **MICHAEL DEANE BOVIS**

(212) 592-6964 (FAX)

Company

Tel/Fax

Name

Date Analyzed: 5/28/02 Analyst: [Signature]

PCM XXXXXX

TLI FIELD OFFICE FAX:-- (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**Date: 05/24/02Technician: J. CHAMBERLAINSignature: [Signature]Rotometer: TLI-10TURNAROUND TIME: 24 Hrs

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
315	4	DWA - CLEANSING ROOM OF REMOTE PERSONAL DECON		1800	2230	270	5/5	1350	14430	18.5/100	0.0007	
316	4	DWA - REMOTE WASTE DECON		1800	2230	270	5/5	1350	14431	0URLD		
317	4	DWA - 46TH FLOOR, INSIDE AIRLOCK		1802	2232	270	5/5	1350	14432	15/100	0.0054	
318	4	DWA - 46TH FLOOR, WINDY AREA F.E.L.		1802	2232	270	5/5	1350	14433	0URLD		
319	4	DWA - 45TH FLOOR, INSIDE AIRLOCK		1804	2234	270	5/5	1350	14434	21/100	0.0076	
320	4	DWA - 45TH FLOOR, FREIGHT ELEVATOR LOBBY		1804	2234	270	5/5	1350	14435	17.5/100	0.0064	
321	4	DWA - 44TH FLOOR, INSIDE AIRLOCK		1806	2236	270	5/5	1350	14436	14/100	0.0051	
322	4	DWA - 44TH FLOOR, FREIGHT ELEVATOR LOBBY		1806	2236	270	5/5	1350	14437	0URLD		
323	4	F. BLANK		N/A					14438	0/100		
324	4	F. BLANK		N/A					14439	0/100		
										1		
										1		

Relinquished by (signature): [Signature]Date/Time: 05/24/02Received by (signature): J. YarnesDate/Time: 5/26/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 05/28/02

Project #: MBO-025AB

Date Rec'd (lab): 05/29/02

Analysis Date: 05/29/02

Analyst: A. Sokol

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
325	Outside Work Area Clean Room of Remote Personal Decon	During	14578	1200	0.0025
326	Outside Work Area Remote Waste Decon	During	14579	1200	<0.0023
327	Outside Work Area 46th Floor Inside Airlock	During	14580	1200	<0.0023
328	Outside Work Area 46th Floor Freight Elevator Lobby	During	14581	1200	0.0025
329	Outside Work Area 45th Floor Inside Airlock	During	14582	1200	<0.0023
330	Outside Work Area 45th Floor Freight Elevator Lobby	During	14583	1200	<0.0023
331	Outside Work Area 44th Floor Inside Airlock	During	14584	1200	<0.0023
332	Outside Work Area 44th Floor Freight Elevator Lobby	During	14585	1200	<0.0023
333	Outside Work Area 43rd Floor Inside Airlock	During	14586	1350	<0.0018
334	Outside Work Area 43rd Floor Freight Elevator Lobby	During	14587	1350	0.0024
335	Outside Work Area 42nd Floor Inside Airlock	During	14588	1350	0.0020
336	Outside Work Area 42nd Floor Freight Elevator Lobby	During	14589	1350	0.0025

* 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: 05/28/02

Project #: MBO-025AB

Date Rec'd (lab): 05/29/02

Analysis Date: 05/29/02

Analyst: A. Sokol

Sample Location: Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician: T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
337	Outside Work Area Clean Room of Remote Personal Decon	During	14590	1350	<0.0018
338	Outside Work Area Remote Waste Decon	During	14591	1350	0.0022
339	Outside Work Area 46th Floor Inside Airlock	During	14592	1350	<0.0018
340	Outside Work Area 46th Floor Freight Elevator Lobby	During	14593	1350	0.0024
341	Outside Work Area 45th Floor Inside Airlock	During	14594	1350	OVERLOAD
342	Outside Work Area 45th Floor Freight Elevator Lobby	During	14595	1350	0.0029
343	Outside Work Area 44th Floor Inside Airlock	During	14596	1350	0.0038
344	Outside Work Area 44th Floor Freight Elevator Lobby	During	14597	1350	0.0035
345	Field Blank	Blank	14598	0	N/A
346	Field Blank	Blank	14599	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 - LMB**
Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**
Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**
Report to: **MICHAEL DEANE BOVIS**
Name: Michael Deane Company: BOVIS
Tel/Fax: (212) 592-6964 (FAX) ✓

Date Analyzed: 05/29/02 Analyst: A. Sell
Turnaround Time: 24 hrs
Rotometer: TLI-10

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 ³ s/mm ³
325	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		1400	1800	240	5/5	1200	14578	6/100	0.0025	
326	4	OWA - REMOTE WASTE DECON		1400	1800	240	5/5	1200	14579	4.5/100	0.0023	
327	4	OWA - 46TH FLOOR, INSIDE AIRLOCK		1402	1802	240	5/5	1200	14580	5/100	0.0023	
328	4	OWA - 46TH FLOOR, FREIGHT ELEVATOR LOBBY		1402	1802	240	5/5	1200	14581	6/100	0.0025	
329	4	OWA - 45TH FLOOR, INSIDE AIRLOCK		1404	1804	240	5/5	1200	14582	3/100	0.0023	
330	4	OWA - 45TH FLOOR, FREIGHT ELEVATOR LOBBY		1404	1804	240	5/5	1200	14583	5/100	0.0023	
331	4	OWA - 44TH FLOOR, INSIDE AIRLOCK		1406	1806	240	5/5	1200	14584	4.5/100	0.0023	
332	4	OWA - 44TH FLOOR, FREIGHT ELEVATOR LOBBY		1406	1806	240	5/5	1200	14585	3/100	0.0023	
333	4	OWA - 43RD FLOOR, INSIDE AIRLOCK		1808	2238	270	5/5	1350	14586	5/100	0.0023	
334	4	OWA - 43RD FLOOR, FREIGHT ELEVATOR LOBBY		1808	2238	270	5/5	1350	14587	6.5/100	0.0024	
335	4	OWA - 42ND FLOOR, INSIDE AIRLOCK		1810	2240	270	5/5	1350	14588	3.5/100	0.0020	
336	4	OWA - 42ND FLOOR, FREIGHT ELEVATOR LOBBY		1810	2240	270	5/5	1350	14589	7/100	0.0025	

Relinquished by (signature): Tej Date/Time: 05/29/02 1:08 PM

Received by (signature): Aja Date/Time: 5/29/02 19:00

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
CODES: 4 - During 5 - Final 6 - Personal/OSHIA
IWA: INSIDE WORK AREA
OWA: OUTSIDE WORK AREA

Air Sample Data Chain of Custody

TESTWELL LABORATORIES, INC.

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

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS Company

Tel/Fax

(212) 592-6964 (FAX)

PCM 999999999

Date Analyzed: 05/29/02 Analyst: [Signature]

Project #: MBO - 025 AB

Date: 05/28/02

Technician: J. CHERRY

Signature: [Signature]

Rotometer: TLI - 10

TURNAROUND TIME: 2-4 hrs

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/min s/min
337	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DETAIL		1800 2230	2230	270	5/5	1350	14590	4.5/100	0.0025	
338	4	OWA - REMOTE WASTE DECON		1800 2230	2230	270	5/5	1350	14591	6.1/100	0.0022	
339	4	OWA - 46TH FLOOR, INSIDE AIRLOCK		1802 2232	2232	270	5/5	1350	14592	5.1/100	0.0023	
340	4	OWA - 46TH FLOOR, FREIGHT ELEVATOR LOBBY		1802 2232	2232	270	5/5	1350	14593	6.1/100	0.0024	
341	4	OWA - 45TH FLOOR, INSIDE AIRLOCK		1804 2234	2234	270	5/5	1350	14594	0.0/100	N/A	
342	4	OWA - 45TH FLOOR, FREIGHT ELEVATOR LOBBY		1804 2234	2234	270	5/5	1350	14595	8.1/100	0.0029	
343	4	OWA - 44TH FLOOR, INSIDE AIRLOCK		1806 2236	2236	270	5/5	1350	14596	10.5/100	0.0033	
344	4	OWA - 44TH FLOOR, FREIGHT ELEVATOR LOBBY		1806 2236	2236	270	5/5	1350	14597	9.5/100	0.0035	
345	4	F. BLANK		N/A					14598	0.1/100	N/A	
346	4	F. BLANK		N/A					14599	0.1/100	N/A	
										1		
										1		

Relinquished by (signature): [Signature] Date/Time: 05/29/02 1:00 PM

Received by (signature): [Signature] Date/Time: 5/29/02 19:05

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

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

WVA: INSIDE WORK AREA, OUTSIDE WORK AREA


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: 05/29/02

Project #: MBO-025AB

Date Rec'd (lab): 05/30/02

Analysis Date: 05/30/02

Analyst: A. Sokol

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
347	Outside Work Area Clean Room of Remote Personal Decon	During	14726	1200	0.027
348	Outside Work Area Remote Waste Decon	During	14727	1200	<0.0023
349	Outside Work Area 43rd Floor Inside Airlock	During	14728	1200	<0.0023
350	Outside Work Area 43rd Floor Freight Elevator Lobby	During	14729	1200	<0.0023
351	Outside Work Area 42nd Floor Inside Airlock	During	14730	1200	<0.0023
352	Outside Work Area 42nd Floor Freight Elevator Lobby	During	14731	1200	<0.0023
353	Outside Work Area 41st Floor Inside Airlock	During	14732	1200	0.0025
354	Outside Work Area 41st Floor Freight Elevator Lobby	During	14733	1200	0.0033
355	Outside Work Area 5th Floor Inside Airlock	During	14734	1200	0.0047
356	Outside Work Area 5th Floor Freight Elevator Lobby	During	14735	1200	0.0029
357	Outside Work Area Clean Room of Remote Personal Decon	During	14736	1350	0.0038
358	Outside Work Area Remote Waste Decon	During	14737	1350	<0.0020

* 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 LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Company Tel/Fax

Name Analyst: *AS*

Date Analyzed: 05/30/02

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

PCM XXXXXXXX

Project #: MBO - 025 AB

Date: 05/29/02

Technician: T. GUYER

Signature: *T. Guyer*

Rotometer: TLI-10

TURNAROUND TIME: 24 hrs

ANALYSIS: LABORATORY USE ONLY

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	Q2 PCM # TEM #	FIBERS/FIELDS	RESULTS: f/cc l s/cc	RESULTS: f/mm ² l s/mm
347	+	OWA-CLEANROOM OF PERSONAL DECON		1400	1800	240	5/5	1200	14726	1	2.00227	
348	+	OWA-REMOTE WASTE DECON		1400	1800	240	5/5	1200	14727	1	2.00223	
349	+	OWA-43RD FLOOR, INSIDE AIRLOCK		1402	1802	240	5/5	1200	14728	1	2.00223	
350	+	OWA-43RD FLOOR, FREIGHT ELEVATOR LOBBY		1402	1802	240	5/5	1200	14729	1	2.00223	
351	+	OWA-42ND FLOOR, INSIDE AIRLOCK		1404	1804	240	5/5	1200	14730	1	2.00223	
352	+	OWA-42ND FLOOR, FREIGHT ELEVATOR LOBBY		1404	1804	240	5/5	1200	14731	1	2.00223	
353	+	OWA-41ST FLOOR, INSIDE AIRLOCK		1406	1806	240	5/5	1200	14732	1	2.00223	
354	+	OWA-41ST FLOOR, FREIGHT ELEVATOR LOBBY		1406	1806	240	5/5	1200	14733	1	2.00223	
355	+	OWA-5TH FLOOR, INSIDE AIRLOCK		1408	1808	240	5/5	1200	14734	1	2.00223	
356	+	OWA-5TH FLOOR, FREIGHT ELEVATOR LOBBY		1408	1808	240	5/5	1200	14735	1	2.00223	
357	+	OWA-CLEANROOM OF REMOTE PERSONAL DECON		1800	2230	270	5/5	1350	14736	1	2.00223	
358	+	OWA-REMOTE WASTE DECON		1800	2230	270	5/5	1350	14737	1	2.00223	

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE:	1 - Ambient	2 - Background	3 - Pre-Test
<i>Tey</i>	05/29/02 11:38 AM	D. Arcet	5/30/02 13:00	CODES: ④	During	5 - Final	6 - Personal/OSHIA
				IWA:	INSIDE WORK AREA		
				OWA:	OUTSIDE WORK AREA		


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: 05/29/02

Project #: MBO-025AB

Date Rec'd (lab): 05/30/02

Analysis Date: 05/30/02

Analyst: A. Sokol

Sample Location: Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician: T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
359	Outside Work Area 43rd Floor Inside Airlock	During	14738	1350	<0.0020
360	Outside Work Area 43rd Floor Freight Elevator Lobby	During	14739	1350	<0.0020
361	Outside Work Area 42nd Floor Inside Airlock	During	14740	1350	0.0022
362	Outside Work Area 42nd Floor Freight Elevator Lobby	During	14741	1350	<0.020
363	Outside Work Area 41st Floor Inside Airlock	During	14742	1350	0.0025
364	Outside Work Area 41st Floor Freight Elevator Lobby	During	14743	1350	<0.0020
365	Outside Work Area 5th Floor Inside Airlock	During	14744	1350	0.0163
366	Outside Work Area 5th Floor Freight Elevator Lobby	During	14745	1350	0.0073
367	Field Blank	Blank	14746	0	N/A
368	Field Blank	Blank	14747	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.

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Air Sample Data Chain of Custody

Page 2 of 2

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS** (212) 592-6964 (FAX)

Tel/Fax

Company

Name

Date Analyzed: 05/30/02 Analyst: ASD

PCM XXXXXXXX

TLI FIELD OFFICE FAX:-- (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 05/29/02

Technician: T. CHAFFET

Signature: [Signature]

Rotometer: **TLI - 10**

TURNAROUND TIME: 24 hrs

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 #
359	4	OWA-43RD FLOOR, INSIDE AIRLOCK		18022232		270	5/5	1350	14738
360	4	OWA-43RD FLOOR, FREIGHT ELEVATOR LOBBY		18022232		270	5/5	1350	14739
361	4	OWA-42ND FLOOR, INSIDE AIRLOCK		18042234		270	5/5	1350	14740
362	4	OWA-42ND FLOOR, FREIGHT ELEVATOR LOBBY		18042234		270	5/5	1350	14741
363	4	OWA-41ST FLOOR, INSIDE AIRLOCK		18062236		270	5/5	1350	14742
364	4	OWA-41ST FLOOR, FREIGHT ELEVATOR LOBBY		18062236		270	5/5	1350	14743
365	4	OWA-5TH FLOOR, INSIDE AIRLOCK		18082238		270	5/5	1350	14744
366	4	OWA-5TH FLOOR, FREIGHT ELEVATOR LOBBY		18082238		270	5/5	1350	14745
367	4	F. BLANK		N/A					14746
368	4	F. BLANK		N/A					14747

FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mi
5' 100	2.0020	
4' 100	2.0020	
6' 100	2.0022	
5' 100	2.0020	
7' 100	2.0025	
3' 100	2.0020	
15' 100	2.0163	
20' 100	2.0073	
0' 100	2.0020	
0' 100	2.0020	
0' 100	2.0020	
1		

Relinquished by (signature): <u>Tef</u>	Date/Time: <u>05/29/02</u>	Received by (signature): <u>D. Agent</u>	Date/Time: <u>5/30/02 13:00</u>
---	----------------------------	--	---------------------------------

SAMPLE	1 - Ambient	2 - Background	3 - Pre-Test
CODIS:	During	5 - Final	6 - Personal/OSHIA
IWA:	INSIDE WORK AREA		
OWA:	OUTSIDE WORK AREA		



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: 05/30/02

Project #: MBO-025AB

Date Rec'd (lab): 05/31/02

Analysis Date: 05/31/02

Analyst: D. Agrest

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
369	Outside Work Area Clean Room of Remote Personal Decon	During	14890	1200	0.0029
370	Outside Work Area Remote Waste Decon	During	14891	1200	0.0035
371	Outside Work Area 43rd Floor Inside Airlock	During	14892	1200	0.0025
372	Outside Work Area 43rd Floor Freight Elevator Lobby	During	14893	1200	<0.0023
373	Outside Work Area 42nd Floor Inside Airlock	During	14894	1200	<0.0023
374	Outside Work Area 42nd Floor Freight Elevator Lobby	During	14895	1200	0.0027
375	Outside Work Area 41st Floor Inside Airlock	During	14896	1200	<0.0023
376	Outside Work Area 41st Floor Freight Elevator Lobby	During	14897	1200	0.0025
377	Outside Work Area 5th Floor Inside Airlock	During	14898	1200	0.0037
378	Outside Work Area 5th Floor Freight Elevator Lobby	During	14899	1200	0.0033
379	Outside Work Area Clean Room of Remote Personal Decon	During	14900	1350	0.0020
380	Outside Work Area Remote Waste Decon	During	14901	1350	0.0025

* 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 2

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Name Company Tel/Fax

Date Analyzed: 5/31/02 Analyst: D.A.

PCM XXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: MBO - 025 AB

Date: 05/30/02

Technician: T. CHETTER

Signature: [Signature]

Rotometer: TLI - 10

TURNAROUND TIME: 24 HRS

TLI FIELD OFFICE FAX:- (212) 312-2147 (FAX)										ANALYSIS: LABORATORY USE ONLY			
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PC-M # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/m	
369	4	OWA-CLEANROOM OF REMOTE PERSONAL DECON		1400	1800	240	5/5	1200	14890	7/100	0.0029		
370	4	OWA-REMOTE WASTE DECON		1400	1800	240	5/5	1200	14891	8.5/100	0.0035		
371	4	OWA-43RD FLOOR, INSIDE AIRLOCK		1402	1802	240	5/5	1200	14892	6/100	0.0025		
372	4	OWA-43RD FLOOR, FREIGHT ELEVATOR LOBBY		1402	1802	240	5/5	1200	14893	5/100	0.0023		
373	4	OWA-42ND FLOOR, INSIDE AIRLOCK		1404	1804	240	5/5	1200	14894	2.5/100	0.0023		
374	4	OWA-42ND FLOOR, FREIGHT ELEVATOR LOBBY		1404	1804	240	5/5	1200	14895	6.5/100	0.0027		
375	4	OWA-41ST FLOOR, INSIDE AIRLOCK		1406	1806	240	5/5	1200	14896	4.5/100	0.0023		
376	4	OWA-41ST FLOOR, FREIGHT ELEVATOR LOBBY		1406	1806	240	5/5	1200	14897	6/100	0.0025		
377	4	OWA-5TH FLOOR, INSIDE AIRLOCK		1408	1808	240	5/5	1200	14898	9/100	0.0037		
378	4	OWA-5TH FLOOR, FREIGHT ELEVATOR LOBBY		1408	1808	240	5/5	1200	14899	8/100	0.0033		
379	4	OWA-CLEANROOM OF REMOTE PERSONAL DECON		1800	2230	270	5/5	1350	14900	5.5/100	0.0020		
380	4	OWA-REMOTE WASTE DECON		1800	2230	270	5/5	1350	14901	7/100	0.0025		

SAMPLE:		1 - Ambient	2 - Background	3 - Pre-Test
CODES:		During	5 - Final	6 - Personal/OSHA
IWA:		INSIDE WORK AREA		
OWA:		OUTSIDE WORK AREA		

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:
Tej	05/30/02 11:30 AM	D. A. Jones	5/31/02 12:45

A. 5/31/02 10:15


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: 05/30/02

Project #: MBO-025AB

Date Rec'd (lab): 05/31/02

Analysis Date: 05/31/02

Analyst: D. Agrest

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
381	Outside Work Area 43rd Floor Inside Airlock	During	14902	1350	0.0022
382	Outside Work Area 43rd Floor Freight Elevator Lobby	During	14903	1350	0.0027
383	Outside Work Area 42nd Floor Inside Airlock	During	14904	1350	<0.0020
384	Outside Work Area 42nd Floor Freight Elevator Lobby	During	14905	1350	<0.0020
385	Outside Work Area 41st Floor Inside Airlock	During	14906	1350	0.0024
386	Outside Work Area 41st Floor Freight Elevator Lobby	During	14907	1350	0.0029
387	Outside Work Area 5th Floor Inside Airlock	During	14908	1350	0.0040
388	Outside Work Area 5th Floor Freight Elevator Lobby	During	14909	1350	<0.0020
389	Field Blank	Blank	14910	0	N/A
390	Field Blank	Blank	14911	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 - LMB**

Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company

Name

Date Analyzed: 5/31/02 Analyst: D.A.

(212) 592-6964 (FAX)

Tel/Fax

PCM XXXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 05/30/02

Technician: T. CHUTEY

Signature: [Signature]

Rotometer: **TLI - 10**

TURNAROUND TIME: 24 Hrs

TLI FIELD OFFICE FAX:-- (212) 312-2147 (FAX)										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 # ITEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/m	
381	4	OWA-43RD FLOOR, INSIDE AIRLOCK		18022232		270	5/5	1350	14902	6 / 100	0.0022		
382	4	OWA-43RD FLOOR, FREIGHT ELEVATOR LOBBY		18022232		270	5/5	1350	14903	7.5 / 100	0.0027		
383	4	OWA-42ND FLOOR, INSIDE AIRLOCK		18042234		270	5/5	1350	14904	3 / 100	<0.0020		
384	4	OWA-42ND FLOOR, FREIGHT ELEVATOR LOBBY		18042234		270	5/5	1350	14905	5 / 100	<0.0020		
385	4	OWA-41ST FLOOR, INSIDE AIRLOCK		18062236		270	5/5	1350	14906	6.5 / 100	0.0024		
386	4	OWA-41ST FLOOR, FREIGHT ELEVATOR LOBBY		18062236		270	5/5	1350	14907	8 / 100	0.0029		
387	4	OWA-5TH FLOOR, INSIDE AIRLOCK		18082238		270	5/5	1350	14908	11 / 100	0.0040		
388	4	OWA-5TH FLOOR, FREIGHT ELEVATOR LOBBY		18082238		270	5/5	1350	14909	4 / 100	<0.0020		
389	4	F. BLANK		N/A				→	14910	0 / 100	-		
390	4	F. BLANK		N/A				→	14911	0 / 100	-		
										/			
										/			

Relinquished by (signature): Taj Date/Time: 05/30/02

Received by (signature): D. Arora Date/Time: 5/31/02 12:45

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
 CODIES: 1 During 5 - Final 6 - Personal/OSSIA
 IWA: INSIDE WORK AREA
 OWA: OUTSIDE WORK AREA



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
Project #: MBO-025AB
Sample Location Millenium Hilton @ WTC
55 Church Street
New York, New York
Various Floors

Date Collected: 05/31/02
Date Rec'd (lab): 06/03/02
Analysis Date: 06/03/02
Analyst: A. Sokol

Analytical Method: NIOSH 7400

Field Technician T. Chhetry

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
391	Outside Work Area Clean Room of Remote Personal Decon	During	15337	1200	<0.0023
392	Outside Work Area Remote Waste Decon	During	15338	1200	0.0031
393	Outside Work Area 43rd Floor Inside Airlock	During	15339	1200	<0.0023
394	Outside Work Area 43rd Floor Freight Elevator Lobby	During	15340	1200	0.0027
395	Outside Work Area 42nd Floor Inside Airlock	During	15341	1200	<0.0023
396	Outside Work Area 42nd Floor Freight Elevator Lobby	During	15342	1200	0.0031
397	Outside Work Area 41st Floor Inside Airlock	During	15343	1200	0.0033
398	Outside Work Area 41st Floor Freight Elevator Lobby	During	15344	1200	<0.0023
399	Outside Work Area 5th Floor Inside Airlock	During	15345	1200	0.0037
400	Outside Work Area 5th Floor Freight Elevator Lobby	During	15346	1200	0.0035
401	Outside Work Area Clean Room of Remote Personal Decon	During	15347	1350	<0.0020
402	Outside Work Area Remote Waste Decon	During	15348	1350	0.0022

* 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 3

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS** (212) 592-6964 (FAX)

Name Company Tel/Fax

Date Analyzed: 06/30/02 Analyst: A. S. Lee

PCM XXXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 05/31/02

Technician: T. CHAGNER

Signature: [Signature]

Rotometer: **TLI-10**

TURNAROUND TIME: **24 HRS**

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 ² f s/mi
391	4	OWA-CLEANROOM OF REMOTE PERSONAL DECON		1400 1800	1400 1800	240	5/5	1200	15337	5/100	<0.0023
392	4	OWA-REMOTE WASTE DECON		1400 1800	1400 1800	240	5/5	1200	15338	45/100	0.0031
393	4	OWA-43RD FLOOR, INSIDE AIRLOCK		1402 1802	1402 1802	240	5/5	1200	15339	3/100	<0.0023
394	4	OWA-43RD FLOOR, FREIGHT ELEVATOR LOBBY		1402 1802	1402 1802	240	5/5	1200	15340	6.5/100	0.0027
395	4	OWA-42ND FLOOR, INSIDE AIRLOCK		1404 1804	1404 1804	240	5/5	1200	15341	2.5/100	<0.0023
396	4	OWA-42ND FLOOR, FREIGHT ELEVATOR LOBBY		1404 1804	1404 1804	240	5/5	1200	15342	7.5/100	0.0031
397	4	OWA-41ST FLOOR, INSIDE AIRLOCK		1406 1806	1406 1806	240	5/5	1200	15343	3/100	0.0033
398	4	OWA-41ST FLOOR, FREIGHT ELEVATOR LOBBY		1406 1806	1406 1806	240	5/5	1200	15344	4.5/100	<0.0023
399	4	OWA-5TH FLOOR, INSIDE AIRLOCK		1408 1808	1408 1808	240	5/5	1200	15345	7/100	0.0037
400	4	OWA-5TH FLOOR, FREIGHT ELEVATOR LOBBY		1408 1808	1408 1808	240	5/5	1200	15346	8.5/100	0.0037
401	4	OWA-CLEANROOM OF REMOTE PERSONAL DECON		1800 2230	1800 2230	270	5/5	1350	15347	4/100	<0.0020
402	4	OWA-REMOTE WASTE DECON		1800 2230	1800 2230	270	5/5	1350	15348	6/100	0.0032

Relinquished by (signature): [Signature] Date/Time: 05/31/02 11:30 PM

Received by (signature): [Signature] Date/Time: 06/03/02

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

CODES: 1 - During 5 - Final 6 - Personal/OSHA

FWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 05/31/02

Project #: MBO-025AB

Date Rec'd (lab): 06/03/02

Analysis Date: 06/03/02

Analyst: A. Sakol

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
403	Outside Work Area 43rd Floor Inside Airlock	During	15349	1350	0.0025
404	Outside Work Area 43rd Floor Freight Elevator Lobby	During	15350	1350	<0.0020
405	Outside Work Area 42nd Floor Inside Airlock	During	15351	1350	0.0029
406	Outside Work Area 42nd Floor Freight Elevator Lobby	During	15352	1350	0.0022
407	Outside Work Area 41st Floor Inside Airlock	During	15353	1350	0.0035
408	Outside Work Area 41st Floor Freight Elevator Lobby	During	15354	1350	0.0024
409	Outside Work Area 5th Floor Inside Airlock	During	15355	1350	0.0036
410	Outside Work Area 5th Floor Freight Elevator Lobby	During	15356	1350	<0.0020
411	Outside Work Area 40th Floor Inside Airlock	During	15357	1350	0.0031
412	Outside Work Area 40th Floor Freight Elevator Lobby	During	15358	1350	0.0038
413	Outside Work Area 39th Floor Inside Airlock	During	15359	1350	0.0047
414	Outside Work Area 39th Floor Freight Elevator Lobby	During	15360	1350	0.0033

* 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: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS
Name Company

(212) 592-6364 (FAX)
Tel/Fax

Date Analyzed: 06/02/07 Analyst: [Signature]

PCM XXXXXXXX

Project #: MBO - 025 AB

Date: 05/31/07

Technician: T. CHAFFERTY

Signature: [Signature]

Rolometer: TLI-10

TURNAROUND TIME: 24 Hrs

TLI FIELD OFFICE FAX:- (212) 312-2147 (FAX)										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	
403	4	QWA-43RD FLOOR, INSIDE AIRLOCK		1802	2232	270	5/5	1350	15349	7/100	0.0025		
404	4	QWA-43RD FLOOR, FREIGHT ELEVATOR LOBBY		1802	2232	270	5/5	1350	15350	4.5/100	0.0020		
405	4	QWA-42ND FLOOR, INSIDE AIRLOCK		1804	2234	270	5/5	1350	15351	8/100	0.0029		
406	4	QWA-40ND FLOOR, FREIGHT ELEVATOR LOBBY		1804	2234	270	5/5	1350	15352	6/100	0.0022		
407	4	QWA-41ST FLOOR, INSIDE AIRLOCK		1806	2236	270	5/5	1350	15353	9.5/100	0.0035		
408	4	QWA-41ST FLOOR, FREIGHT ELEVATOR LOBBY		1806	2236	270	5/5	1350	15354	6.5/100	0.0024		
409	4	QWA-5TH FLOOR, INSIDE AIRLOCK		1808	2238	270	5/5	1350	15355	10/100	0.0031		
410	4	QWA-5TH FLOOR, FREIGHT ELEVATOR LOBBY		1808	2238	270	5/5	1350	15356	4/100	0.0020		
411	4	QWA-40TH FLOOR, INSIDE AIRLOCK		1810	2240	270	5/5	1350	15357	8.5/100	0.0031		
412	4	QWA-40TH FLOOR, FREIGHT ELEVATOR LOBBY		1810	2240	270	5/5	1350	15358	10.5/100	0.0038		
413	4	QWA-39TH FLOOR, INSIDE AIRLOCK		1812	2242	270	5/5	1350	15359	1/100	0.0017		
414	4	QWA-39TH FLOOR, FREIGHT ELEVATOR LOBBY		1812	2242	270	5/5	1350	15360	9/100	0.0033		

Relinquished by (signature): [Signature] Date/Time: 05/31/07 11:31Z

Received by (signature): [Signature] Date/Time: 06/03/07

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
CODES: 4 - During 5 - Final 6 - Personal/COSHA
IWA: INSIDE WORK AREA
OWA: OUTSIDE WORK AREA


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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: 05/31/02

Project #: MBO-025AB

Date Rec'd (lab): 06/03/02

Analysis Date: 06/03/02

Analyst: A. Sokol

Sample Location Millenium Hilton @ WTC

55 Chruch Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician T. Chhetry

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
415	Outside Work Area 38th Floro Inside Airlock	During	15361	1350	0.0038
416	Outside Work Area 38th Floor Freight Elevator Lobby	During	15362	1350	0.0047
417	Field Blank	Blank	15363	0	N/A
418	Field Blank	Blank	15364	0	N/A
419	Field Blank	Blank	15365	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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47 Hudson Street, Ossining, N.Y. 10562 TEL (914) 944-2570 FAX (914) 941-4154

Air Sample Data Chain of Custody

Page 3 of 2

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Name: Tel/Fax

Date Analyzed: 08/31/02 Analyst: [Signature]

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: MBO - 025 AB

Date: 05/31/02

Technician: T. HATHENY

Signature: [Signature]

Rotometer: TLI - 10

TURNAROUND TIME: 24 HRS

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/mm² s/n
415	4	OWA - 36TH FLOOR, INSIDE AIRLOCK		1614	2244	270	5/5	1350	15361	105100	0.0036	
416	4	OWA - 36TH FLOOR, FREIGHT ELEVATOR LOBBY		1614	2244	270	5/5	1350	15362	131100	0.0047	
417	4	F. BLANK		N/A					15363	0100		
418	4	F. BLANK		N/A					15364	0100		
419	4	F. BLANK		N/A					15365	0200		
										1		
										1		
										1		
										1		
										1		
										1		
										1		
										1		

Relinquished by (signature):	Date/Time: 08/31/02 11:30 p.m.	Received by (signature): [Signature]	Date/Time: 08/31/02
SAMPLE CODES: 1 - Ambient		2 - Background	
3 - Pre-Test		6 - Personal/COSHA	
OWA: INSIDE WORK AREA			
OWA: OUTSIDE WORK AREA			



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: 06/03/02

Project #: MBO-025AB

Date Rec'd (lab): 06/04/02

Analysis Date: 06/04/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: T. Chhetry & B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
420	Personal Decon	During	15433	1500	<0.0018
421	Waste Decon	During	15434	1500	<0.0018
422	40th Floor inside airlock	During	15435	1500	0.0033
423	40th Floor Freight Elevator Lobby	During	15436	1500	0.0057
424	39th floor inside air lock	During	15437	1500	0.0038
425	39th Floor Freight Elevator Lobby	During	15438	1500	0.0069
426	38th floor inside air lock	During	15439	1500	0.0052
427	38th Floor Freight Elevator Lobby	During	15440	1500	<0.0018
428	5th floor inside air lock	During	15441	1500	0.0039
429	5th Floor Freight Elevator Lobby	During	15442	1500	0.0075
430	4th floor inside air lock	During	15443	1400	0.0033
431	4th Floor Freight Elevator Lobby	During	15444	1400	0.0054

* 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 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Company

Tel/Fax

Date Analyzed: 6/3/02 Analyst: JZ

PCM XXXXXX

111 FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: MBO 7-025 AB

Date: 6/3/02

Technician: T. CHIETRY

Signature: [Signature]

Rotometer: 11.1 - 10

TURN AROUND TIME: 24 HRS

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/mm ²
420	4	OWA - CLEAN ROOM OF REMOTE PERSONAL DECON		1400	1900	500	5/S	1500	15433	5/100	0.0018	
421	4	OWA - REMOTE WASTE DECON		1400	1900	500	5/S	1500	15434	4.5/100	<0.0018	
422	4	OWA - 40TH FLOOR, INSIDE AIR LOCK		1402	1902	500	5/S	1500	15435	10/100	0.0033	
423	4	OWA - 40TH FLOOR, FREIGHT ELEVATOR LOBBY		1402	1902	500	5/S	1500	15436	17.5/100	0.0057	
424	4	OWA - 39TH FLOOR, INSIDE AIR LOCK		1404	1904	500	5/S	1500	15437	11.5/100	0.0038	
425	4	OWA - 39TH FLOOR, FREIGHT ELEVATOR LOBBY		1404	1904	500	5/S	1500	15438	21/100	0.0069	
426	4	OWA - 38TH FLOOR, INSIDE AIR LOCK		1406	1906	500	5/S	1500	15439	16/100	0.0052	
427	4	OWA - 38TH FLOOR, FREIGHT ELEVATOR LOBBY		1406	1906	500	5/S	1500	15440	3/100	0.0018	
428	4	OWA - 5TH FLOOR, INSIDE AIR LOCK		1408	1908	500	5/S	1500	15441	12/100	0.0039	
429	4	OWA - 5TH FLOOR, FREIGHT ELEVATOR LOBBY		1408	1908	500	5/S	1500	15442	23/100	0.0075	
430	4	OWA - 4TH FLOOR INSIDE AIR LOCK		1430	1910	480	5/S	1400	15443	25/100	0.0033	
431	4	OWA - 4TH FLOOR FREIGHT ELEVATOR LOBBY		1431	1910	480	5/S	1400	15444	15.5/100	0.0054	
Relinquished by (signature): <i>B. B. [Signature]</i>				Date/Time: 06.02		Received by (signature): <i>M. B.</i>		Date/Time: 06/04/02		SAMPLE CODES: Ambient: 1 2 - Background: 2 3 - Pre-Test: 3 4 - During: 4 5 - Final: 5 6 - Personal/OSHA: 6		



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: 06/03/02

Project #: MBO-025AB

Date Rec'd (lab): 06/04/02

Analysis Date: 06/04/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
432	OWA Clean Room Of Remote Personal Decon'	During	15445	1050	<0.0026
433	OWA - Remote Waste Decon	During	15446	1050	<0.0026
434	40th Floor inside airlock	During	15447	1000	0.0047
435	40th Floor Freight Elevator Lobby	During	15448	1000	0.0123
436	39th floor inside air lock	During	15449	1000	0.0064
437	39th floor outside air lock	During	15450	1000	<0.0027
438	38th floor inside air lock	During	15451	1000	0.0074
439	38th floor outside air lock	During	15452	1000	0.0132
440	5th floor inside air lock	During	15453	1000	0.0152
441	5th floor outside air lock	During	15454	1000	0.0027
442	4th Floor inside airlock	During	15455	950	<0.0028
443	4th Floor Freight Elevator Lobby	During	15456	950	0.0041
444	Blank	During	15457	N/A	N/A
445	Blank	During	15458	N/A	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 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.

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Air Sample Data Chain of Custody

Page 2 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL & WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Company Tel/Fax

Name

Date Analyzed: 6/3/02 Analyst: *gfr*

PCM XXXXXXXX

FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: MBO - 025 AB

Date: 06/03/02

Technician: T. CHIEFTRY / 1/2 Gt m.v.4

Signature: *B. Chieftry*

Rotometer: TLI-10

TURN AROUND TIME:

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 1 s/cc	RESULTS: f/mm ² 1 s/mm ²
432	4	OWA, Elevator room of Renate Person Decoy		1900	2230	210	5/5	1050	15445	4/100	LO.0026	
433	4	OWA - Remote in side Decoy		1900	2230	210	5/5	1050	15446	3/100	LO.0026	
434	4	OWA - 40th floor in side air lock		1902	2220	200	5/5	1000	15447	25/100	0.0047	
435	4	OWA - 40th floor freight elevator lobby		1902	2220	200	5/5	1000	15448	25/100	0.0123	
436	4	OWA - 35th floor in side air lock		1904	2224	200	5/5	1000	15449	13/100	0.0064	
437	4	OWA - 35th floor freight elevator lobby		1904	2224	200	5/5	1000	15450	2/100	LO.0027	
438	4	OWA - 38th floor in side air lock		1906	2226	200	5/5	1000	15451	15/100	0.0074	
439	4	OWA - 38th floor freight elevator lobby		1906	2226	200	5/5	1000	15452	27/100	0.0132	
440	4	OWA - 5th floor in side air lock		1908	2228	200	5/5	1000	15453	31/100	0.0152	
441	4	OWA - 5th floor freight elevator lobby		1908	2228	200	5/5	1000	15454	55/100	0.0027	
442	4	OWA - 45th floor in side air lock		1910	2220	190	5/5	950	15455	5/100	LO.0028	
443	4	OWA - 45th floor freight elevator lobby		1910	2220	190	5/5	950	15456	8/100	0.0041	

Relinquished by (signature): *B. Chieftry*

Date/Time: 06.03

Received by (signature): *MB*

Date/Time: 6/14/02

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

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

TWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 06/04/02

Project #: MBO-025AB

Date Rec'd (lab): 06/05/02

Analysis Date: 06/05/02

Analyst: A. Sokol

Sample Location: The Millenium Hilton

55 Chruch Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
446	Personal Decon	During	15580	1100	0.0027
447	Waste Decon	During	15581	1100	<0.0025
448	4th Floor inside airlock	During	15582	1100	0.0067
449	4th Floor Freight Elevator Lobby	During	15583	1100	0.0056
450	5th floor inside air lock	During	15584	1100	0.0027
451	5th floor outside air lock	During	15585	1100	0.0025
452	38th floor inside air lock	During	15586	1100	<0.0025
453	38th floor outside air lock	During	15587	1100	0.0029
454	39th floor inside air lock	During	15588	1100	0.0036
455	39th floor outside air lock	During	15589	1100	<0.0025
456	40th Floor inside airlock	During	15590	1100	0.0027
457	40th Floor Freight Elevator Lobby	During	15591	1100	<0.0025

* 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 - LMB**

Project Site: **MILLENIUM HILTON HOTEL & WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** ROVIS (212) 592-6964 (FAX)

Name: **Company** Tel/Fax

Date Analyzed: **06/05/02** Analyst: **ASD**

PCM XXXXXXXX

TEL FIELD OFFICE FAX: (212) 512-3147 (FAX)

Air Sample Data Chain of Custody

Page **1** of **3**

Project #: **MBO - 025 AB**

Date: **06-04-02**

Technician: **T. CHIEFTRY / S. G. AMORE**

Signature: **B. G. AMORE**

Rotometer: **TLI - 10**

TURNAROUND TIME:

FBI FIELD OFFICE FAX# (212) 862-1147 (FAX)										ANALYSIS: LABORATORY USE ONLY			
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	Q2 PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mm ²	
446	4	Person Decon.		1400	1740	220	5/5	1100	15580	1	0.0027		
447	4	Worse Decon.		1400	1740	220	5/5	1100	15581	5	0.0025		
448	4	4 th floor on A in side airlock		1405	1745	220	5/5	1100	15582	15	0.0067		
449	4	↓ freight elevator lobby		1405	1745	220	5/5	1100	15583	12.5	0.0054		
450	4	5 th floor on A in side airlock		1407	1747	220	5/5	1100	15584	6	0.0027		
451	4	↓ freight elevator lobby		1407	1747	220	5/5	1100	15585	5.5	0.0025		
452	4	38 th floor in side airlock		1409	1749	220	5/5	1100	15586	4	0.0025		
453	4	↓ freight elevator lobby		1409	1749	220	5/5	1100	15587	6.5	0.0029		
454	4	39 th floor in side airlock		1411	1751	220	5/5	1100	15588	8	0.0034		
455	4	↓ freight elevator lobby		1411	1751	220	5/5	1100	15589	5	0.0025		
456	4	40 th floor in side airlock		1413	1753	220	5/5	1100	15590	6	0.0027		
457	4	↓ freight elevator lobby		1413	1753	220	5/5	1100	15591	4.5	0.0025		

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

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

FWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

Date/Time: 6/5/02 9:40

Received by (signature): D. Agost

Date/Time: 06/04

Relinquished by (signature): S. G. AMORE



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: 06/04/02

Project #: MBO-025AB

Date Rec'd (lab): 06/05/02

Analysis Date: 06/05/02

Analyst: A. Sokol

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
458	Personal Decon	During	15592	1450	<0.0019
459	OWA - Remote Waste Decon	During	15593	1450	<0.0019
460	4th Floor inside airlock	During	15594	1350	0.0067
461	4th Floor Freight Elevator Lobby	During	15595	1350	0.0076
462	5th floor inside air lock	During	15596	1350	0.0031
463	5th floor outside air lock	During	15597	1350	0.0036
464	38th floor inside air lock	During	15598	1350	0.0020
465	38th floor outside air lock	During	15599	1350	0.0025
466	39th floor inside air lock	During	15600	1350	0.0022
467	39th floor outside air lock	During	15601	1350	<0.0020
468	40th Floor inside airlock	During	15602	1350	0.0029
469	40th Floor Freight Elevator Lobby	During	15603	1350	<0.0020
470	Blank	During	15604	N/A	N/A
471	Blank	During	15605	N/A	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

Air Sample Data Chain of Custody

Page 2 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL at WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE (212) 592-6964 (FAX)

BOVIS

Tel/Fax

Date Analyzed: 06/05/02 Analyst: A. Se

PCM FOR XXXXX

T.L.I. FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: MBO - 025 AB

Date: 06.04.02

Technician: T. CHHETRY

Signature: B. Lend Lease

Rotometer: TLI - 10

TURNAROUND TIME:

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/mm ²
458	4	Person Decan.		1740	2230	290	5/5	1450	15592	1	0.0009	
459	4	Waste Decan.		1740	2230	290	5/5	1450	15593	3	0.0009	
460	4	4 th fl. in side air lock		1745	2215	270	5/5	1350	15594	10	0.0007	
461	4	Freight elevator lobby		1745	2215	270	5/5	1350	15595	2	0.0007	
462	4	5 th fl. in side air lock		1747	2217	270	5/5	1350	15596	8	0.0031	
463	4	Freight elevator lobby		1747	2217	270	5/5	1350	15597	10	0.0036	
464	4	38 th fl. in side air lock		1749	2219	270	5/5	1350	15598	5	0.0020	
465	4	Freight elevator lobby		1749	2219	270	5/5	1350	15599	7	0.0025	
466	4	39 th floor in side air lock		1751	2221	270	5/5	1350	15600	6	0.0022	
467	4	Freight elevator lobby		1751	2221	270	5/5	1350	15601	4	0.0020	
468	4	40 th fl. in side air lock		1753	2223	270	5/5	1350	15602	8	0.0029	
469	4	Freight elevator lobby		1753	2223	270	5/5	1350	15603	5	0.0024	

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

6/5/02/9:40

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

A/for 6-5-2 9:20

**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:** 06/05/02**Project #:** MBO-025AB**Date Rec'd (lab):** 06/06/02**Analysis Date:** 06/06/02**Analyst:** D. McCarl

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

Analytical Method: NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
472	Personal Decon	During	15651	1200	0.0025
473	Waste Decon	During	15652	1200	<0.0023
474	4th Floor inside airlock	During	15653	1200	0.0031
475	4th Floor Freight Elevator Lobby	During	15654	1200	0.0039
476	5th floor inside air lock	During	15655	1200	0.0078
477	5th floor Freight Elevator Lobby	During	15656	1200	<0.0023
478	Personal Decon	During	15657	1650	0.0019
479	Waste Decon	During	15658	1650	0.0021
480	4th Floor inside airlock	During	15659	1650	0.0042
481	4th Floor Freight Elevator Lobby	During	15660	1650	<0.0016
482	5th floor inside air lock	During	15661	1650	<0.0016
483	5th floor Freight Elevator Lobby	During	15662	1650	<0.0016

* 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 3Client: BOVIS LEND LEASE - LMBProject Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORSProject Address: 55 CHURCH STREET, NEW YORK, NY 10007Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Name: _____ Tel/Fax: _____

Date Analyzed: 6/6/02 Analyst: ifm

PCM XXXXXX

TJL FIELD OFFICE FAX: (212) 512-2147 (FAX)

Project #: MBO - 025 ABDate: 06.05.02Technician: T. CHIFFRY/B. LEMORESignature: B. LemoreRotometer: TJL - 10

TURNAROUND TIME:

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/mm ²
472	4	Person Decon.		0700	1100	240	5/5	1200	15651	6/100	0.0025	
473	4	Waste Decon.		0700	1100	240	5/5	1200	15652	4/100	<0.0023	
474	4	4 th floor. inside airlock		0705	1105	240	5/5	1200	15653	7.5/100	0.0031	
475	4	↓ freight elevator lobby		0705	1105	240	5/5	1200	15654	9.5/100	0.0039	
476	4	5 th floor. in side airlock		0707	1107	240	5/5	1200	15655	19/100	0.0078	
477	4	↓ freight elevator lobby		0707	1107	240	5/5	1200	15656	5/100	<0.0023	
478	4	Person Decon.		1100	1630	330	5/5	1650	15657	6.5/100	0.0019	
479	4	Waste decon.		1100	1630	330	5/5	1650	15658	7/100	0.0021	
480	4	4 th floor in side airlock		1105	1635	330	5/5	1650	15659	14/100	0.0042	
481	4	↓ freight elevator lobby		1105	1635	330	5/5	1650	15660	5/100	<0.0016	
482	4	5 th floor. in side airlock		1107	1637	330	5/5	1650	15661	3/100	<0.0016	
483	4	↓ freight elevator lobby		1107	1637	330	5/5	1650	15662	3.5/100	<0.0016	
Relinquished by (signature): B. Lemore		Date/Time: 06.05		Received by (signature): ifm		Date/Time: 6/6/02		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: 06/05/02

Project #: MBO-025AB

Date Rec'd (lab): 06/06/02

Analysis Date: 06/06/02

Analyst: D. McCart

Sample Location: The Millenium Hilton

55 Chruch Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
484	38th Floor Inside Airlock	During	15663	1200	<0.0023
485	38th Floor Freight Elevator	During	15664	1200	<0.0023
486	39th Floor inside airlock	During	15665	1200	0.0027
487	39th Floor Freight Elevator Lobby	During	15666	1200	<0.0023
488	40th Floor inside airlock	During	15667	1200	<0.0023
489	40th Floor Freight Elevator Lobby	During	15668	1200	0.0041
490	Personal Decon	During	15669	850	<0.0032
491	Waste Decon	During	15670	850	0.0032
492	4th Floor inside airlock	During	15671	850	0.0115
493	4th Floor Freight Elevator Lobby	During	15672	850	<0.0032
494	Personal Decon	During	15673	850	<0.0019
495	Waste Decon	During	15674	850	<0.0019

* 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

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

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

Client: **BOVIS LEND LEASE - JAMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** (212) 592-6961 (FAX)

Name: **MICHAEL DEANE** Tel/Fax

Company: **BOVIS**

Analyst: gr

Date Analyzed: 6/6/02

PCMR XXXXXX

TEL FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 06.05.02

Technician: T. CHIHETRY

Signature: A. Giffen

Rotometer: **TLA-10**

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY				RESULTS:		RESULTS:	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP
487	4	38 th floor inside airlock		1530	1930	240	5/5
485	4	↓ freight elevator lobby		1530	1930	240	5/5
486	4	39 th floor in side airlock		1532	1932	240	5/5
487	4	↓ freight elevator lobby		1532	1932	240	5/5
488	4	40 th floor in side airlock		1534	1934	240	5/5
489	4	↓ freight elevator lobby		1534	1934	240	5/5
490	4	Person Decon		1630	1920	170	5/5
491	4	Waste Decon		1630	1920	170	5/5
492	4	4 th floor in side airlock		1635	1925	170	5/5
493	4	↓ freight elevator lobby		1635	1925	170	5/5
494	4	Person Decon		1920	1900	280	5/5
495	4	Waste Decon		1920	2400	280	5/5

RESULTS:		RESULTS:	
PCMR #	FIBERS/FIELDS	f/cc s/cc	f/mm ² s/mm ²
150663	3 / 100	<0.0023	
150664	4 / 100	<0.0023	
150665	0.5 / 100	0.0027	
150666	4.5 / 100	<0.0023	
150667	3 / 100	<0.0023	
150668	10 / 100	0.0041	
150669	2 / 100	<0.0032	
150670	5.5 / 100	0.0032	
150671	20 / 100	0.0115	
150672	4 / 100	<0.0032	
150673	3.5 / 100	<0.0019	
150674	4 / 100	<0.0019	

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
 CODING: 4 - During 5 - Final 6 - Personal/OSHA
 IWA: INSIDE WORK AREA
 OWA: OUTSIDE WORK AREA

Refinished by (signature): Bhatnagar Date/Time: 06.05.
 Received by (signature): gr Date/Time: 6/6/02


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: 06/05/02

Project #: MBO-025AB

Date Rec'd (lab): 06/06/02

Analysis Date: 06/06/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
496	4th Floor inside airlock	During	15675	1100	0.0082
497	4th floor freight elevator lobby	During	15676	1100	0.0067
498	38th Floor inside airlock	During	15677	1300	0.0030
499	38th floor freight elevator lobby	During	15678	1300	0.0028
500	39th Floor inside airlock	During	15679	1300	0.0036
501	39th floor freight elevator lobby	During	15680	1300	0.0040
502	40th Floor inside airlock	During	15681	1300	0.0023
503	40th floor freight elevator lobby	During	15682	1300	0.0066
504	Field Blank	During	15683	N/A	N/A
505	Field Blank	During	15684	N/A	N/A
506	Field Blank	During	15685	N/A	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.

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Air Sample Data Chain of Custody

Page 3 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENNIUM HILTON HOTEL - WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BEAVIS (212) 592-6964 (FAX)

Name Company Tel/Fax

Date Analyzed: 6/6/02 Analyst: [Signature]

PCM ~~XXXXXXXXXX~~

TEL: 914-944-2570 OFFICE FAX: (212) 512-2147 (FAX)

Project #: MBO - 025 AB

Date: 06.05.02

Technician: T. CHIETRY / B. Gutman

Signature: B. Gutman

Rotometer: TLI - 10

TURNAROUND TIME:

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 b/cc	RESULTS: f/mm ² s/mm
496.	4	4 th floor in. side air lock		1925	2305	220	5/5	1100	15675	8.5/100	0.0082	
497	4	4 th floor freight elevator lobby		1925	2305	220	5/5	1100	15676	15/100	0.0067	
498	4	38 th floor in. side air lock		1930	2350	260	5/5	1300	15677	8/100	0.0030	
499	4	freight elevator lobby		1930	2350	260	5/5	1300	15678	7.5/100	0.0028	
500	4	39 th floor in side air lock		1932	2352	260	5/5	1300	15679	9.5/100	0.0036	
501	4	freight elevator lobby		1932	2352	260	5/5	1300	15680	10.5/100	0.0040	
502	4	40 th floor in side air lock		1934	2354	260	5/5	1300	15681	6/100	0.0023	
503.	4	freight elevator lobby		1934	2354	260	5/5	1300	15682	17.5/100	0.0066	
504		Blower							15683	0/100	—	
505		Blower							15684	0/100	—	
506		Blower							15685	0/100	—	
										1		

Relinquished by (signature):

B. Gutman

Date/Time:

06.05

Received by (signature):

[Signature]

Date/Time:

6/6/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 06/06/02

Project #: MBO-025AB

Date Rec'd (lab): 06/07/02

Analysis Date: 06/07/02

Analyst: D. Agrest

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
507	Personal Decon	During	15837	1200	0.0029
508	Waste Decon	During	15838	1200	0.0061
509	37th Floor inside airlock	During	15839	1200	0.0041
510	37th Floor Freight Elevator Lobby	During	15840	1200	0.0027
511	36th Floor inside airlock	During	15841	1200	<0.0023
512	36th Floor Freight Elevator Lobby	During	15842	1200	0.0043
513	35th Floor inside airlock	During	15843	1200	0.0023
514	35th Floor Freight Elevator Lobby	During	15844	1200	0.0033
515	Personal Decon	During	15845	1350	<0.0020
516	Waste Decon	During	15846	1350	<0.0020
517	37th Floor inside airlock	During	15847	1125	0.0024
518	37th Floor Freight Elevator Lobby	During	15848	1125	<0.0024

* 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 - LAB**

Project Site: **MILLENNIUM HILTON HOTEL at WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE**

BOVIS

Tel/Fax

(212) 592-6994 (FAX)

Date Analyzed: **6/7/02** Analyst: **D.A.**

PCM OF TEST XXX

Project #: **MBO - 025 AB**

Date: **06.06.02**

Technician: **B. Gutman**

Signature: **B. Gutman**

Rotometer: **11.1 - 10**

TURNAROUND TIME:

THE FIELD OFFICE FAX: (212) 312-3117 (FAX)

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/mm ²
507	4	Person Decon		1400	1800	240	5/5	1200	15837	7/100	0.0029	
508	4	Waste Decon		1400	1800	240	5/5	1200	15838	15/100	0.0061	
509	4	37 th floor, in-side airlock		1430	1830	240	5/5	1200	15839	10/100	0.0041	
510	4	freight elevator lobby		1430	1830	240	5/5	1200	15840	6.5/100	0.0027	
511	4	38 th floor, in side airlock		1432	1832	240	5/5	1200	15841	4/100	0.0023	
512	4	freight elevator lobby		1432	1832	240	5/5	1200	15842	10.5/100	0.0043	
513	4	35 th floor in side airlock		1434	1834	240	5/5	1200	15843	5.5/100	0.0023	
514	4	freight elevator lobby		1434	1834	240	5/5	1200	15844	8/100	0.0033	
515	4	Person Decon		1800	2230	270	5/5	1350	15845	5/100	0.0020	
516	4	Waste Decon		1800	2230	270	5/5	1350	15846	4/100	0.0020	
517	4	37 th floor in side airlock		1830	2215	225	5/5	1125	15847	5.5/100	0.0024	
518	4	freight elevator lobby		1830	2215	225	5/5	1125	15848	3.5/100	0.0024	
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE:		1 - Ambient		2 - Background
B. Gutman		06.06.		[Signature]		6/7/02		CODICES:		4 - During		5 - Final
												6 - Personal/OSHA
												INSIDE WORK AREA
												OUTSIDE WORK AREA


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: 06/06/02

Project #: MBO-025AB

Date Rec'd (lab): 06/07/02

Analysis Date: 06/07/02

Analyst: D. Agrest

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
519	36th Floor inside airlock	During	15849	1125	<0.0024
520	36th floor freight elevator lobby	During	15850	1125	0.0026
521	35th Floor inside airlock	During	15851	1125	<0.0024
522	35th floor freight elevator lobby	During	15852	1125	<0.0024
523	Field Blank	During	15853	N/A	N/A
524	Field Blank	During	15854	N/A	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 McCart - Laboratory Director

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Air Sample Data Chain of Custody

Page 2 of 2

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Tel/Fax

Company

Date Analyzed: 6/7/02 Analyst: D. A.

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 06.06.02

Technician: T. CHHETRY

Signature: B. L. Moore

Rotometer: TLI - 10

TURNAROUND TIME:

TLI FIELD OFFICE FAX:- (212)312-2147 (FAX)										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/mm ²	
519	4	36 th floor m. side entrance lobby		1832	2217	225	5/5	1125	15849	2/100	<0.0024		
520	4	↓ freight elevator lobby		1832	2217	225	5/5	1125	15850	6/100	0.0026		
521	4	35 th floor m. side entrance lobby		1834	2219	225	5/5	1125	15851	3/100	<0.0024		
522	4	↓ freight elevator lobby		1834	2219	225	5/5	1125	15852	4.5/100	<0.0024		
523		Blows					—	—	15853	0/100	—		
524		Blows					—	—	15854	0/100	—		
								1		/			
										/			
										/			
										/			
										/			
										/			
										/			

Relinquished by (signature):

B. L. Moore

Date/Time:

06.06

Received by (signature):

B. L. Moore

Date/Time:

11:45

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

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

WVA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 06/07/02

Project #: MBO-025AB

Date Rec'd (lab): 06/10/02

Analysis Date: 06/10/02

Analyst: L. Chivari

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
525	Personal Decon	During	16010	1200	0.0025
526	Waste Decon	During	16011	1200	<0.0023
527	35th Floor inside airlock	During	16012	1200	<0.0023
528	35th Floor Freight Elevator Lobby	During	16013	1200	<0.0023
529	36th Floor inside airlock	During	16014	1200	<0.0023
530	36th Floor Freight Elevator Lobby	During	16015	1200	<0.0023
531	37th Floor inside airlock	During	16016	1200	0.0037
532	37th Floor Freight Elevator Lobby	During	16017	1200	0.0029
533	Personal Decon	During	16018	1450	<0.0019
534	Waste Decon	During	16019	1450	<0.0019
535	35th Floor inside airlock	During	16020	1300	0.0038
536	35th Floor Freight Elevator Lobby	During	16021	1300	0.0023

* 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
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NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 06/07/02

Project #: MBO-025AB

Date Rec'd (lab): 06/10/02

Analysis Date: 06/10/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
537	36th Floor inside airlock	During	16022	1300	0.0026
538	36th floor freight elevator lobby	During	16023	1300	<0.0021
539	37th Floor inside airlock	During	16024	1300	0.0045
540	37th floor freight elevator lobby	During	16025	1300	0.0030
541	Field Blank	During	16026	N/A	N/A
542	Field Blank	During	16027	N/A	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.

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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:** 06/10/02**Project #:** MBO-025AB**Date Rec'd (lab):** 06/11/02**Analysis Date:** 06/11/02**Analyst:** D. McCarl

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

Analytical Method: NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
543	Personal Decon	During	16078	1350	0.0025
544	Waste Decon	During	16079	1350	<0.0020
545	35th Floor inside airlock	During	16080	1200	0.0045
546	35th Floor Freight Elevator Lobby	During	16081	1200	0.0061
547	36th Floor inside airlock	During	16082	1200	0.0076
548	36th Floor Freight Elevator Lobby	During	16083	1200	0.0049
549	37th Floor inside airlock	During	16084	1200	<0.0023
550	37th Floor Freight Elevator Lobby	During	16085	1200	0.0061
551	Personal Decon	During	16086	1200	<0.0023
552	Waste Decon	During	16087	1200	0.0027
553	35th Floor inside airlock	During	16088	1150	0.0030
554	35th Floor Freight Elevator Lobby	During	16089	1150	0.0028

* 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 - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS**

Name Company

Date Analyzed: 6/11/02 Analyst: Am

(212) 592-6964 (FAX)

Tel/Fax

PCM XXXXXXXX

TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 06.10.02

Technician: R. L. Turner

Signature: R. L. Turner

Rotometer: **TLI - 10**

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY				RESULTS:			
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP
543	4	Person Decon		1400	1830	270	5/5
544	4	Waste Decon		1400	1830	270	5/5
545	4	35 th floor in side air lock		1405	1805	240	5/5
546	4	freight elevator lobby		1405	1805	240	5/5
547	4	36 th in side air lock		1407	1807	240	5/5
548	4	freight elevator		1407	1807	240	5/5
549	4	37 th floor in side air lock		1409	1809	240	5/5
550	4	freight elevator lobby		1409	1809	240	5/5
551	4	Person Decon		1830	2230	240	5/5
552	4	Waste Decon		1830	2230	240	5/5
553	4	35 th floor in side air lock		1805	2215	230	5/5
554	4	freight elevator lobby		1805	2215	230	5/5
Relinquished by (signature): <u>R. L. Turner</u>				Received by (signature): <u>Am</u>		Date/Time: <u>6/11/02</u>	

ANALYSIS: LABORATORY USE ONLY				RESULTS:						
PCM #	TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mm ²						
16078		7/100	0.0025							
16079		4/100	<0.0020							
16080		11/100	0.0015							
16081		15/100	0.0061							
16082		18.5/100	0.0076							
16083		10/100	0.0049							
16084		3.5/100	<0.0023							
16085		15/100	0.0061							
16086		4/100	<0.0023							
16087		6.5/100	0.0027							
16088		7/100	0.0030							
16089		6.5/100	0.0028							
SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test										
CODES: 4 - During 5 - Final 6 - Personal/OSHA										
IWA: INSIDE WORK AREA										
OWA: OUTSIDE WORK AREA										


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: 06/10/02

Project #: MBO-025AB

Date Rec'd (lab): 06/11/02

Analysis Date: 06/11/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
555	36th Floor inside airlock	During	16090	1150	0.0053
556	36th floor freight elevator lobby	During	16091	1150	0.0034
557	37th Floor inside airlock	During	16092	1150	0.0026
558	37th floor freight elevator lobby	During	16093	1150	0.0073
559	Field Blank	During	16094	N/A	N/A
560	Field Blank	During	16095	N/A	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.

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Air Sample Data Chain of Custody

Page 2 of 2

Client: BOVIS LEND LEASE - LAB

Project Site: MILLENIUM HILTON HOTEL & WTC VARIOUS FLOORS

Project Address: 55 CHURCH STREET NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS TEL (914) 944-2570 FAX (914) 941-4154

Name

Tel/Fax

Date Analyzed: 6/11/02 Analyst: [Signature]

PCM by XXXXXX

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

Project #: MBO - 025 AB

Date: 06.10.02

Technician: B. butman

Signature: B. butman

Rotometer: TL1 - 10

TURN AROUND TIME:

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
555	Y	30 th floor in side elevator lobby		1807	2217	230	5/5	1150	16090	125/100	0.0053	
556	Y	↓ freight elevator lobby		1807	2217	230	5/5	1150	16091	8/100	0.0034	
557	Y	3 rd floor in side elevator lobby		1809	2219	230	5/5	1150	16092	6/100	0.0026	
558	Y	↓ freight elevator lobby		1809	2219	230	5/5	1150	16093	17/100	0.0073	
559		Blank					—	—	16094	0/100	/	/
560		Blank					—	—	16095	0/100	/	/
								1		1		
										1		
										1		
										1		
										1		
										1		
										1		

Relinquished by (signature): <u>[Signature]</u>	Date/Time: <u>06.10</u>	Received by (signature): <u>[Signature]</u>	Date/Time: <u>6/11/02</u>	SAMPLE: 1 - Ambient	2 - Background	3 - Pre-Test
				4 - During	5 - Final	6 - Personal/OSHA
				INSIDE WORK AREA		
				OUTSIDE WORK AREA		

5/60 6-11-2 7:20


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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: 06/11/02

Project #: MBO-025AB

Date Rec'd (lab): 06/12/02

Analysis Date: 06/12/02

Analyst: D. Agrest

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
561	Outside Work Area Personal Decon	During	16286	1300	0.0026
562	Outside Work Area Waste Decon	During	16287	1300	0.0038
563	Outside Work Area 32nd Floor Inside Airlock	During	16288	1300	<0.0021
564	Outside Work Area 32nd Floor Freight Elevator Lobby	During	16289	1300	0.0021
565	Outside Work Area 33rd Floor Inside Airlock	During	16290	1300	<0.0021
566	Outside Work Area 33rd Floor Freight Elevator Lobby	During	16291	1300	<0.0021
567	Outside Work Area 34th Floor Inside Airlock	During	16292	1300	0.0023
568	Outside Work Area 34th Floor Freight Elevator Lobby	During	16293	1300	<0.0021
569	Outside Work Area Personal Decon	During	16294	1300	0.0021
570	Outside Work Area Waste Decon	During	16295	1300	0.0025
571	Outside Work Area 32nd Floor Inside Airlock	During	16296	1200	<0.0023
572	Outside Work Area 32nd Floor Freight Elevator Lobby	During	16297	1200	<0.0023

* 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.

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Air Sample Data Chain of Custody

Page 1 of 2

Client: **BOVIS LEND LEASE - LAB**

Project Site: **MILLENNIUM HILTON HOTEL at WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** (212) 592-6964 (FAX)

Name: **BOVIS** Tel/Fax

Company: **BOVIS**

Date Analyzed: **6/12/02** Analyst: **D.A.**

TURNAROUND TIME: **PCMX XXXXX**

Project #: **MBO - 025 AB**

Date: **06.11.02**

Technician: **B. G. L. Moore**

Signature: **B. G. L. Moore**

Rotometer: **TLI - 10**

TURNAROUND TIME:

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 /mm
561	4	Person Decon.		1330	1810	260	5/5	1300	16286	7/100	0.0026
562	4	Waste Decon.		1330	1810	260	5/5	1300	16287	10/100	0.0038
563	4	32 th floor inside air lock		1400	1820	260	5/5	1300	16288	3.5/100	0.0021
564	4	↓ freight elevator lobby		1400	1820	260	5/5	1300	16289	5.5/100	0.0021
565	4	33 th floor inside air lock		1402	1822	260	5/5	1300	16290	4/100	0.0021
566	4	↓ freight elevator		1402	1822	260	5/5	1300	16291	4.5/100	0.0021
567	4	34 th floor inside air lock		1404	1824	260	5/5	1300	16292	6/100	0.0023
568	4	↓ freight elevator lobby		1404	1824	260	5/5	1300	16293	5/100	0.0021
569	4	Person Decon		1810	2030	260	5/5	1300	16294	5.5/100	0.0021
570	4	Waste Decon		1810	2230	260	5/5	1300	16295	6.5/100	0.0025
571	4	32 th floor inside air lock		1820	2220	240	5/5	1200	16296	4/100	0.0023
572	4	↓ freight elevator lobby		1820	2220	240	5/5	1200	16297	5/100	0.0023

Relinquished by (signature): **B. G. L. Moore** Date/Time: **06.11.02**

Received by (signature): **M. G. L. Moore** Date/Time: **6/12/02 10:45 am**

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: 4 - During 5 - Final 6 - Personal/OSHA
 IWA: INSIDE WORK AREA
 OWA: OUTSIDE WORK AREA

6/12/02 10:45


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: 06/11/02

Project #: MBO-025AB

Date Rec'd (lab): 06/12/02

Analysis Date: 06/12/02

Analyst: D. Agrest

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
573	Outside Work Area 33rd Floor Inside Airlock	During	16298	1200	<0.0023
574	Outside Work Area 33rd Floor Freight Elevator Lobby	During	16299	1200	0.0027
575	Outside Work Area 34th Floor Inside Airlock	During	16300	1200	0.0029
576	Outside Work Area 34th Floor Freight Elevator Lobby	During	16301	1200	<0.0023
577	Blank	Blank	16302	0	N/A
578	Blank	Blank	16303	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 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


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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: 06/12/02

Project #: MBO-025AB

Date Rec'd (lab): 06/13/02

Analysis Date: 06/13/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC
 55 Church Street
 New York, New York
 Various Floors

Analytical Method: NIOSH 7400

Sample Condition Acceptable? YES

Field Technician B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
578	Outside Work Area Personal Decon	During	16392	1225	<0.0022
579	Outside Work Area Waste Decon	During	16393	1225	<0.0022
580	Outside Work Area 32nd Floor Inside Airlock	During	16394	1225	<0.0022
581	Outside Work Area 32nd Floor Freight Elevator Lobby	During	16395	1225	0.0022
582	Outside Work Area 33rd Floor Inside Airlock	During	16396	1225	<0.0022
583	Outside Work Area 33rd Floor Freight Elevator Lobby	During	16397	1225	0.0040
584	Outside Work Area 34th Floor Inside Airlock	During	16398	1225	<0.0022
585	Outside Work Area 34th Floor Freight Elevator Lobby	During	16399	1225	<0.0022
586	Outside Work Area Personal Decon	During	16400	1350	<0.0020
587	Outside Work Area Waste Decon	During	16401	1350	<0.0020
588	Outside Work Area 32nd Floor Inside Airlock	During	16402	1250	0.0041
589	Outside Work Area 32nd Floor Freight Elevator Lobby	During	16403	1250	0.0024

* 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 3

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENIUM HILTON HOTEL - WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE**

(212) 592-6964 (FAX)

BOVIS

Tel/Fax

Date Analyzed: 6/13/02 Analyst: [Signature]

PCM XXXXXX

Project #: **MBO - 025 AB**

Date: 06/12/02

Technician: B. Linder

Signature: B. Linder

Rotometer: **TLL-10**

TURN AROUND TIME:

FLI FIELD OFFICE FAX: (212) 312-2147 (FAX)

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/ FELDS	RESULTS /cc /s/cc 0/min /s/min
578	4	Person Decor		1400	1805	245	5/5	1225	16392	3/100	<0.0022
579	4	Waste Decor		1400	1805	245	5/5	1225	16393	5/100	<0.0022
580	4	32 th floor in. side air lock		1405	1810	245	5/5	1225	16394	5/100	<0.0022
581	4	freight elevator lobby		1405	1810	245	5/5	1225	16395	5.5/100	0.0022
582	4	33 th floor in side air lock		1407	1812	245	5/5	1225	16396	4/100	<0.0022
583	4	freight elevator lobby		1407	1812	245	5/5	1225	16397	10/100	0.0040
584	4	34 th floor in. side air lock		1409	1814	245	5/5	1225	16398	4.5/100	<0.0022
585	4	freigh elevator lobby		1409	1814	245	5/5	1225	16399	5/100	<0.0022
586	4	Person Decor		1805	2235	270	5/5	1350	16400	3/100	<0.0020
587	4	Waste Decor		1805	2235	270	5/5	1350	16401	2/100	<0.0020
588	4	32 th floor in. side air lock		1810	2220	250	5/5	1250	16402	10.5/100	0.0041
589	4	freight elevator lobby		1810	2220	250	5/5	1250	16403	6/100	0.0024

Relinquished by (signature): <u>[Signature]</u>	Date/Time: <u>06/12</u>	Received by (signature): <u>[Signature]</u>	Date/Time: <u>6/13/02 11:36 am</u>
--	----------------------------	--	---------------------------------------

SAMPLE	1 - Ambient	2 - Background	3 - Pre-Test
CODES:	4 - During	5 - Final	6 - Personal/OSHA
IWA:	INSIDE WORK AREA		
OWA:	OUTSIDE WORK AREA		


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: 06/12/02

Project #: MBO-025AB

Date Rec'd (lab): 06/13/02

Analysis Date: 06/13/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC

55 Church Street

New York, New York

Various Floors

Analytical Method: NIOSH 7400

Field Technician B. Gitman

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
590	Outside Work Area 33rd Floor Inside Airlock	During	16404	1250	<0.0022
591	Outside Work Area 33rd Floor Freight Elevator Lobby	During	16405	1250	0.0031
592	Outside Work Area 34th Floor Inside Airlock	During	16406	1250	0.0047
593	Outside Work Area 34th Floor Freight Elevator Lobby	During	16407	1250	0.0029
594	Field Blank	Blank	16408	0	N/A
595	Field Blank	Blank	16409	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.
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TEL (914) 944-2570 FAX (914) 941-4154

Project #: **MB0 - 025 AB**
Date: **06.12.02**
Technician: **B. Gutman**
Signature: **B. Gutman**
Rotometer: **TLI - 10**

Client: **BOVIS LEND LEASE - LMB**
Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**
Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**
Report to: **MICHAEL DEANE** BOVIS
Company: **BOVIS**
Tel/Fax: **(212) 592-6964 (FAX)**

Date Analyzed: **6-13-02** Analyst: **[Signature]**
Turnaround Time: **TLI FIELD OFFICE FAX: (212) 312-2147 (FAX)**
((PCM)) **XXXXXX**

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
580	4	33 rd floor in side air lock		1812	2222	250	5/5	1250	16404	5/100	<0.0022
581	4	↓ freight elevator lobby		1812	2222	250	5/5	1250	16405	8/100	0.0031
582	4	34 th floor in side air lock		1814	2224	250	5/5	1250	16406	12/100	0.0047
583	4	↓ freight elevator lobby		1814	2224	250	5/5	1250	16407	7.5/100	0.0029
584		F. Blank					—	—	16408	0/100	—
585		F. Blank					—	—	16409	0/100	—
										1	
										1	
										1	
										1	
										1	
										1	
										1	

Relinquished by (signature): **B. Gutman** Date/Time: **06.12.02**
Received by (signature): **[Signature]** Date/Time: **6/13/02 11:36 a.m.**
SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
CODES: 4 - During 5 - Final 6 - Personal/OSHA
IWA: **INSIDE WORK AREA**
OWA: **OUTSIDE WORK AREA**


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: 06/13/02

Project #: MBO-025AB

Date Rec'd (lab): 06/14/02

Analysis Date: 06/14/02

Analyst: D. Agrest

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample-Type	02PCM #	Volume	Concentration f/cc
596	Personal Decon	During	16566	1200	0.0025
597	Waste Decon	During	16567	1200	0.0033
598	32nd Floor inside airlock	During	16568	1200	0.0023
599	32nd Floor Freight Elevator Lobby	During	16569	1200	<0.0023
600	33th Floor inside airlock	During	16570	1200	0.0027
601	33th Floor Freight Elevator Lobby	During	16571	1200	<0.0023
602	34st Floor inside airlock	During	16572	1200	<0.0023
603	34st Floor Freight Elevator Lobby	During	16573	1200	<0.0023
604	Personal Decon	During	16574	1350	<0.0020
605	Waste Decon	During	16575	1350	<0.0020
606	32th Floor inside airlock	During	16576	1250	<0.0022
607	32th Floor Freight Elevator Lobby	During	16577	1250	<0.0022

* 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 2

Client: BOVIS LEND LEASE - LAIB

Project Site: MILLENNIUM HILTON HOTEL - WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Name

Tel/Fax

Date Analyzed: 6/14/02 Analyst: D.A.

Project #: MBO - 025 AB

Date: 6/13/02

Technician: B. Gorman

Signature: B. Gorman

Rotometer: TLI-10

TURN AROUND TIME:

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 / mm ² /min
596	✓	Person Decor		1400	1800	240	5/5	1200	16566	6'100	0.0025
597		Worse Decor		1400	1800	240	5/5	1200	16567	8'100	0.0033
598		32 th floor in side on 2 level		1405	1805	240	5/5	1200	16568	5.5'100	0.0023
599		↓ Freight elevator lobby		1405	1805	240	5/5	1200	16569	5'100	<0.0023
600		33 th floor in side on 2 level		1407	1807	240	5/5	1200	16570	6.5'100	0.0027
601		↓ Freight elevator lobby		1407	1807	240	5/5	1200	16571	3.5'100	<0.0023
602		34 th floor in side on 2 level		1409	1809	240	5/5	1200	16572	3'100	<0.0023
603	✓	↓ Freight elevator lobby		1409	1809	240	5/5	1200	16573	2'100	<0.0023
604	✓	Person Decor		1800	2230	270	5/5	1350	16574	5'100	<0.0020
605		Worse Decor		1800	230	270	5/5	1350	16575	4.5'100	<0.0020
606		32 th floor in side on 2 level		1805	2215	250	5/5	1250	16576	2.5'100	<0.0022
607	✓	↓ Freight elevator lobby		1805	2215	250	5/5	1250	16577	3.5'100	<0.0022
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test			
6/14/02		6/13		M. Gorman		6/14/02 1145		CODES: 4 - During 5 - Final 6 - Personal/OSHIA			
								IWA: INSIDE WORK AREA			
								OWA: OUTSIDE WORK AREA			


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: 06/13/02

Project #: MBO-025AB

Date Rec'd (lab): 06/14/02

Analysis Date: 06/14/02

Analyst: D. Agrest

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
608	33rd Floor inside airlock	During	16578	1250	<0.0022
609	33rd floor freight elevator lobby	During	16579	1250	<0.0022
610	34th Floor inside airlock	During	16580	1250	<0.0022
611	34th floor freight elevator lobby	During	16581	1250	<0.0022
612	Field Blank	During	16582	N/A	N/A
613	Field Blank	During	16583	N/A	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.

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Air Sample Data Chain of Custody

Page 2 of 2

Client: **BOVIS LEND LEASE - LAB**

Project Site: **MILLENNIUM HILTON HOTEL a WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Name Company Tel/Fax

Date Analyzed: 6/14/02 Analyst: D.A.

(PCM) ~~XXXXXX~~

Project #: **MBO - 025 AB**

Date: 06/13/02

Technician: B. Butmore

Signature: B. Butmore

Rotometer: **TLL-10**

TURN AROUND TIME:

TLL FIELD OFFICE FAX: (212) 312-2147 (FAX)

ANALYSIS: **LABORATORY USE ONLY**

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM #	FIBERS/FIELDS	RESULTS (cc/s/cc) (mm/s/min)
608	✓	33 th floor in side entrance lobby		1807	2217	250	5/5	1250	16578	3/100	<0.0022
609		✓ freight elevator lobby		1807	2217	250	5/5	1250	16579	4/100	<0.0022
610		34 th floor in side entrance lobby		1809	2219	250	5/5	1250	16580	2.5/100	<0.0022
611	✓	✓ freight elevator lobby		1809	2219	250	5/5		16581	3.5/100	<0.0022
612		F. Blank							16582	0/100	-
613		F. Blank							16583	0/100	-
										1/	
										1/	
										1/	
										1/	
										1/	
										1/	
										1/	
										1/	

Relinquished by (signature): <u>B. Butmore</u>	Date/Time: <u>06/13</u>	Received by (signature): <u>M. Butmore</u>	Date/Time: <u>6/17/02 11:45</u>
SAMPLE 1 - Ambient		SAMPLE 2 - Background	
CODES: 4 - During		CODES: 5 - Final	
IWA: INSIDE WORK AREA		OWA: OUTSIDE WORK AREA	


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: 06/14/02

Project #: MBO-025AB

Date Rec'd (lab): 06/17/02

Analysis Date: 06/17/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample-Type	02PCM #	Volume	Concentration f/cc
614	Personal Decon	During	16860	1200	<0.0023
615	Waste Decon	During	16861	1200	<0.0023
616	29th Floor inside airlock	During	16862	1200	0.0033
617	29th Floor Freight Elevator Lobby	During	16863	1200	<0.0023
618	30th Floor inside airlock	During	16864	1200	0.0025
619	30th Floor Freight Elevator Lobby	During	16865	1200	0.0061
620	31st Floor inside airlock	During	16866	1200	0.0047
621	31st Floor Freight Elevator Lobby	During	16867	1200	0.0039
622	Personal Decon	During	16868	1350	0.0035
623	Waste Decon	During	16869	1350	<0.0020
624	29th Floor inside airlock	During	16870	1250	0.0024
625	29th Floor Freight Elevator Lobby	During	16871	1250	<0.0022

* 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 - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Company Tel/Fax

[Signature] **PCM**

Date Analyzed: **6/17/02** Analyst: *[Signature]*

TEL FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: **6/14/02**

Technician: **T. CHHETRY / Bhatnagar**

Signature: *[Signature]*

Rotometer: **TLI - 10**

TURNAROUND TIME:

✓ THE FIELD OFFICE FAX:- (212) 312-2147 (FAX)												
ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCPN # TEM #	FIBERS/ FIELDS	RESULTS: f/cc l s/cc	RESULTS: f/mm ² l s/mm ²
614	4.	Person Decon	16860	1400	1800	240	5/5	1200	16860	3 / 100	<0.0023	
615		Waste Decon	16861	1400	1800	240	5/5	1200	16861	4 / 100	<0.0023	
616		29 th floor in side air lock	16862	1405	1805	240	5/5	1200	16862	8 / 100	0.0033	
617		↓ freight elevator lobby	16863	1405	1805	240	5/5	1200	16863	4.5 / 100	<0.0023	
618		30 th floor in side air lock	16864	1407	1807	240	5/5	1200	16864	6 / 100	0.0025	
619		↓ freight elevator lobby	16865	1407	1807	240	5/5	1200	16865	15 / 100	0.0061	
620		31 th floor in side air lock	16866	1409	1809	240	5/5	1200	16866	11.5 / 100	0.0047	
621		↓ freight elevator lobby	16867	1409	1809	240	5/5	1200	16867	9.5 / 100	0.0039	
622	4	Person Decon	16868	1800	2230	270	5/5	1350	16868	5.5 / 100	0.0035	
623		Waste Decon	16869	1800	2230	270	5/5	1350	16869	3 / 100	<0.0020	
624		29 th floor in side air lock	16870	1805	2215	250	5/5	1250	16870	6 / 100	0.0034	
625		↓ freight elevator lobby	16871	1805	2215	250	5/5	1250	16871	3 / 100	<0.0022	
Relinquished by (signature):			Date/Time:		Received by (signature):		Date/Time:		SAMPLE		3 - Pre-Test	
BbAmore			06.17		Muller		6/17/		4 - During		5 - Final	
									2 - Background		6 - Personal/OSHA	

Relinquished by (signature): *[Signature]*

Date/Time: **06/17**

Received by (signature): *[Signature]*

Date/Time: **6/17/02**

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: 4 - During 5 - Final 6 - Personal/OSHA
 IV-A: INSIDE WORK AREA
 IV-B: OUTSIDE WORK AREA


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: 06/14/02

Project #: MBO-025AB

Date Rec'd (lab): 06/17/02

Analysis Date: 06/17/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
626	30th Floor inside airlock	During	16872	1250	0.0031
627	30th floor freight elevator lobby	During	16873	1250	0.0061
628	31st Floor inside airlock	During	16874	1250	0.0039
629	31st floor freight elevator lobby	During	16875	1250	0.0031
630	Field Blank	During	16876	N/A	N/A
631	Field Blank	During	16877	N/A	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.

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Air Sample Data Chain of Custody

Page 2 of 2

Client: **BOVIS LEND LEASE - LAIB**

Project Site: **MILLENNIUM HILTON HOTEL - WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Company

Tel/Fax

Date Analyzed: 6/17/02 Analyst: [Signature]

PCM XXXXXXXX

Project #: **MBO - 025 AB**

Date: 06/14/02

Technician: B. G. Moore

Signature: B. G. Moore

Rotometer: **TLI - 10**

TURN AROUND TIME:

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 #	FIBERS/FIELD	RESULTS
626	4.	30th floor in side air lock	16872	1807	2217	250	5/5	1250	16872	8 / 100	0.0031
627		↓ freight elevator lobby	16873	1807	2217	250	5/5	1250	16873	15.5 / 100	0.0061
628		3rd floor in side air lock	16874	1809	2219	250	5/5	1250	16874	10 / 100	0.0039
629	✓	↓ freight elevator lobby	16875	1809	2219	250	5/5	1250	16875	8 / 100	0.0031
630		F. Blank	16876				—	—	16876	0 / 100	—
631		F. Blank	16877				—	—	16877	0 / 100	—
										1	
										1	
										1	
										1	
										1	
										1	
										1	

Relinquished by (signature): B. G. Moore Date/Time: 06/14

Received by (signature): [Signature] Date/Time: 6/17/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

17.6-16-2


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: 06/17/02

Project #: MBO-025AB

Date Rec'd (lab): 06/18/02

Analysis Date: 06/18/02

Analyst: L. Chivarini

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample_Type	02PCM #	Volume	Concentration f/cc
632	Personal Decon	During	17067	1200	<0.0023
633	Waste Decon	During	17068	1200	<0.0023
634	29th Floor inside airlock	During	17069	1200	<0.0023
635	29th Floor Freight Elevator Lobby	During	17070	1200	<0.0023
636	30th Floor inside airlock	During	17071	1200	<0.0023
637	30th Floor Freight Elevator Lobby	During	17072	1200	<0.0023
638	31st Floor inside airlock	During	17073	1200	<0.0023
639	31st Floor Freight Elevator Lobby	During	17074	1200	<0.0023
640	Personal Decon	During	17075	1340	<0.0020
641	Waste Decon	During	17076	1350	<0.0020
642	29th Floor inside airlock	During	17077	1250	<0.0022
643	29th Floor Freight Elevator Lobby	During	17078	1250	<0.0022

* 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: ROVIS LEND LEASE - LAIB

Project Site: MILLENNIUM HILTON HOTEL "WTC, VARIOUS FLOORS"

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOX 15
(212) 502-6064 (FAX)

Содержание

Tel/Fax

Date Analyzed: 8/18/02 Analyst: [Signature]

11

Содержание

PCM) or TEMxxx

TELEPHONE OFFICE FAX: 0203 112 3147 0540

Project #: MB0 - 025 AB

Date: 06/17/03

Technician: B. Brown

Signature: B. Citron

Rotometer: TLL-10

TURN AROUND TIME:

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/CC	RESULTS: 1/CC 1/CC
632	4	Person Decon.			1400	1800	240	5/5	1200	17067	1' 100	<	.0023
633	4	Waste Decon.			1400	1900	240	5/5	1200	17068	1' 100	<	.0023
634	4	29 th floor in side air lock			1405	1805	240	5/5	1200	17069	1.5' 100	<	.0023
635	4	↓ freight elevator lobby			1405	1805	240	5/5	1200	17070	1.5' 100	<	.0023
636	4	30 th floor in side air lock			1407	1807	240	5/5	1200	17071	3' 100	<	.0023
637	4	↓ freight elevator lobby			1407	1807	240	5/5	1200	17072	1.5' 100	<	.0023
638	4	31 th floor inside air lock			1409	1809	240	5/5	1200	17073	4' 100	<	.0023
639	4	↓ freight elevator lobby			1409	1809	240	5/5	1200	17074	2' 100	<	.0023
640	4	Person Decon.			1800	2230	270	5/5	1350	17075	1' 100	<	.0020
641	4	Waste Decon.			1800	2230	270	5/5	1350	17076	1' 100	<	.0020
642	4	29 th floor in side air lock			1805	2215	250	5/5	1250	17077	3.5' 100	<	.0022
643	4	↓ freight elevator lobby			1805	2215	250	5/5	1250	17078	2' 100	<	.0022

Relinquished by (signature): *B. Berman*

Date/Time: 06/17/02

Received by (signature): *Mike S.*

Date/Time: 6/18/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

6-18/6 10:20

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

SAMPLES

mi

and

codes.

100-112051

OWA: OUTSIDE WORK AREA


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: 06/17/02

Project #: MBO-025AB

Date Rec'd (lab): 06/18/02

Analysis Date: 06/18/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: T. Chhetry & B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
644	30th Floor inside airlock	During	17079	1250	<0.0022
645	30th Floor Freight Elevator Lobby	During	17080	1250	<0.0022
646	31th Floor inside airlock	During	17081	1250	<0.0022
647	31th Floor Freight Elevator Lobby	During	17082	1250	<0.0022
648	26th floor inside air lock	During	17083	1250	<0.0022
649	26th Floor Freight Elevator Lobby	During	17084	1250	<0.0022
650	27th floor inside air lock	During	17085	1250	<0.0022
651	27th Floor Freight Elevator Lobby	During	17086	1250	<0.0022
652	28th floor inside air lock	During	17087	1250	<0.0022
653	28th Floor Freight Elevator Lobby	During	17088	1250	<0.0022
654	Field Blank	During	17089	N/A	N/A
655	Field Blank	During	17090	N/A	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.

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Air Sample Data Chain of Custody

Page 2 of 2

Client: BOYIS LEND LEASE - LAIB

Project Site: MILLENNIUM HILTON HOTEL a WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOYIS (212) 502-6964 (FAX)

Company

Tel/Fax

Date Analyzed: 6/18/02 Analyst: [Signature]

PCM XXXXXX

Project #: MBO - 025 AB

Date: 06/17/02

Technician: Blatman

Signature: Blatman

Rotometer: TLI - 10

TURN AROUND TIME:

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/ FIBERS 1/cc	RESULTS 1/min
644	4	30th floor in side airlock		1807	2217	250	5/5	1250	17085	2' 100	< .0022
645	4	↓ freight elevator lobby		1807	2217	250	5/5	1250	17086	1' 100	< .0022
646	4	31st floor in side airlock		1809	2219	250	5/5	1250	17087	4' 100	< .0022
647	4	↓ freight elevator lobby		1809	2219	250	5/5	1250	17088	1' 100	< .0022
648	4	26th floor in side airlock		1811	2221	250	5/5	1250	17089	2' 100	< .0022
649	4	↓ freight elevator lobby		1811	2221	250	5/5	1250	17090	1.5' 100	< .0022
650	4	27th floor in side airlock		1813	2223	250	5/5	1250	17091	4.5' 100	< .0022
651	4	↓ freight elevator lobby		1813	2223	250	5/5	1250	17092	1.5' 100	< .0022
652	4	28th floor in side airlock		1815	2225	250	5/5	1250	17093	5' 100	< .0022
653	4	↓ freight elevator lobby		1815	2225	250	5/5	1250	17094	1.5' 100	< .0022
654		Blank					—	—	17095	0' 100	—
655		Blank					—	—	17096	0' 100	—

Relinquished by (signature): Blatman

Date/Time: 06/17/02

Received by (signature): [Signature]

Date/Time: 6/18/02

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

CODING: 4 - During 5 - Final 6 - Personal/OSHIA

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 06/18/02

Project #: MBO-025AB

Date Rec'd (lab): 06/19/02

Analysis Date: 06/19/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample-Type	02PCM #	Volume	Concentration f/cc
656	Personal Decon	During	17221	1250	<0.0022
657	Waste Decon	During	17222	1250	<0.0022
658	26th Floor inside airlock	During	17223	1250	0.0043
659	26th Floor Freight Elevator Lobby	During	17224	1250	0.0035
660	27th Floor inside airlock	During	17225	1250	0.0047
661	27th Floor Freight Elevator Lobby	During	17226	1250	0.0049
662	28th Floor inside airlock	During	17227	1250	0.0039
663	28th Floor Freight Elevator Lobby	During	17228	1250	0.0027
664	29th Floor inside airlock	During	17229	1250	<0.0022
665	29th Floor Freight Elevator Lobby	During	17230	1250	0.0039
666	30th Floor inside airlock	During	17231	1250	0.0037
667	30th Floor Freight Elevator Lobby	During	17232	1250	0.0051

* 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.

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Air Sample Data Chain of Custody Page 1 of 1

Client: Bovis

Project Site: M. Hilton Hotel.

Project Address: 55 Church St. N.Y. N.Y.

Report to: Michael Deane. Bovis

Name

Company

Date Analyzed: 6/19/02

Analyst: [Signature]

Field office: (212) 312-2147

(212) 592-6964

Tel/fax

PCM or TEM

Project #: MSD-025AD

Date: 06.18.02

Technician: B. G. T. M. O. V.

Signature: B. G. T. M. O. V.

Rotometer: RO901

ANALYSIS: LABORATORY USE ONLY												
FIELD SAMPLE #	SAMPLE TYPE	owA. 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/mm² s/mm²
656	4	Person Decon		1400	1810	250	5/5	1250	17221	5/100	<.0022	
657	4	Waste Decon		1400	1810	250	5/5	1250	17222	4.5/100	<.0022	
658	4	26 th floor in side entrance		1405	1815	250	5/5	1250	17223	11/100	.0043	
659	4	freight elevator lobby		1405	1815	250	5/5	1250	17224	9/100	.0035	
660	4	27 th floor in side entrance		1407	1817	250	5/5	1250	17225	12/100	.0047	
661	4	freight elev. lobby		1407	1817	250	5/5	1250	17226	12.5/100	.0049	
662	4	28 th floor in side entrance		1409	1819	250	5/5	1250	17227	10/100	.0039	
663	4	freight. elev. lobby		1409	1819	250	5/5	1250	17228	7/100	.0027	
664	4	29 th floor in side entrance		1411	1821	250	5/5	1250	17229	3/100	2.0022	
665	4	freight elevator lobby		1411	1821	250	5/5	1250	17230	10/100	.0039	
666	4	30 th floor in side entrance		1413	1823	250	5/5	1250	17231	9.5/100	.0037	
667	4	freight elevator lobby		1413	1823	250	5/5	1250	17232	13/100	.0051	

Relinquished by (signature): [Signature]

Date/Time: 06.18.02

Received by (signature): [Signature]

Date/Time: 6/19/02

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 # 220083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 06/18/02

Project #: MBO-025AB

Date Rec'd (lab): 06/19/02

Analysis Date: 06/19/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
668	31st Floor inside airlock	During	17233	1250	0.0041
669	31st Floor Freight Elevator Lobby	During	17234	1250	0.0031
670	Personal Decon	During	17235	1300	<0.0021
671	Waste Decon	During	17236	1300	0.0060
672	26th Floor inside airlock	During	17237	1200	0.0076
673	26th Floor Freight Elevator Lobby	During	17238	1200	<0.0023
674	27th Floor inside airlock	During	17239	1200	0.0037
675	27th Floor Freight Elevator Lobby	During	17240	1200	0.0041
676	28th Floor inside airlock	During	17241	1200	0.0063
677	28th Floor Freight Elevator Lobby	During	17242	1200	0.0074
678	29th Floor inside airlock	During	17243	1200	0.0027
679	29th Floor Freight Elevator Lobby	During	17244	1200	0.0047

* 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 2 of 3

Client: Bovis

Project Site: M. Hilton Hotel

Project Address: 55 Church St. NY NY

Report to: M. Chanel, Deane, Bovis

Field office: (212) 312-2147

(212) 592-6964

tel/fax

Company

Name

Date Analyzed: 6/19/02

Analyst: After

PCM or TEM

Project #: MBO-025AAS

Date: 06/18/02

Technician: B. Butman

Signature: B. Butman

Rotometer: R0901

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/mm ²
668	4	31 st floor inside air lock		1415	1825	250	5/5	1250	17233	10.5/100	.0041	
669	4	↓ freight elevator lobby		1415	1825	250	5/5	1250	17234	8/100	.0031	
670	4	Person Decor		1810	2230	280	5/5	1300	17235	4/100	<.0021	
671	4	Waste Decor.		1810	2230	280	5/5	1300	17236	16/100	.006	
672		26 th floor in side air lock		1815	2215	240	5/5	1200	17237	18.5/100	.0076	
673		↓ freight elevator lobby		1815	2215	240	5/5	1200	17238	2/100	<.0023	
674		27 th floor in side air lock		1817	2217	240	5/5	1200	17239	9/100	.0037	
675		↓ freight elevator lobby		1817	2217	240	5/5	1200	17240	10/100	.0041	
676		28 th floor in side air lock		1819	2219	240	5/5	1200	17241	15.5/100	.0063	
677		↓ freight elevator lobby		1819	2219	240	5/5	1200	17242	18/100	.0074	
678		29 th floor in side air lock		1821	2221	240	5/5	1200	17243	6.5/100	.0027	
679		↓ freight elevator lobby		1821	2221	240	5/5	1200	17244	11.5/100	.0047	
Relinquished by (signature): <u>Butman.</u>		Date/Time: <u>06/28</u>		Received by (signature): <u>M. Chanel</u>		Date/Time: <u>6/19/02</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

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 06/18/02

Project #: MBO-025AB

Date Rec'd (lab): 06/19/02

Analysis Date: 06/19/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
680	30th Floor inside airlock	During	17245	1200	0.0039
681	30th floor freight elevator lobby	During	17246	1200	0.0076
682	31st Floor inside airlock	During	17247	1200	0.0041
683	31st floor freight elevator lobby	During	17248	1200	0.0078
684	Field Blank	During	17249	N/A	N/A
685	Field Blank	During	17250	N/A	N/A
686	Field Blank	During	17251	N/A	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.

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Air Sample Data Chain of Custody

Page 3 of 3

Client: BOVIS

Project Site: M. Hilton Hotel

Project Address: 55 Church St. NY NY

Report to: M. Chad Deane, BOVIS

Project #: M30-025 AB

Date: 06.18.02.

Technician: B. Atman

Signature: B. Atman

Rotometer: R0901

Date Analyzed: 6/19/02 Analyst: [Signature]

Company: Bovis

PCM 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	PCM # TEM #	FIBERS/ FIELDS	RESULTS: f/cc s/cc	RESULTS: f/mm² s/mm²
680	4	30 th floor. inside airlock		1823	2223	240	5/5	1200	17245	9.5/100	.0039	
681	4	W. freight elevator lobby		1823	2223	240	5/5	1200	17246	9.5/100	.0076	
682	4	31 th floor inside airlock		1825	2225	240	5/5	1200	17247	10/100	.0041	
683	4	W. freight elevator lobby		1825	2225	240	5/5	1200	17248	19/100	.0078	
684		Blank					—	—	17249	0/100	—	
685		Blank					—	—	17250	0/100	—	
686		Blank					—	—	17251	0/100	—	
										1		
										1		
										1		
										1		
										1		

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE CODES:	1 - Ambient	2 - Background	3 - Pre-Test
<u>B. Atman</u>	<u>06.18.02.</u>	<u>[Signature]</u>	<u>6/19/02</u>		4 - During	5 - Final	6 - Personal/OSHA

7/2 6-19-2 10:30


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: 06/19/02

Project #: MBO-025AB

Date Rec'd (lab): 06/20/02

Analysis Date: 06/20/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
687	Personal Decon	During	17387	1200	0.0033
688	Waste Decon	During	17388	1200	0.0041
689	26th Floor inside airlock	During	17389	1200	<0.0023
690	26th Floor Freight Elevator Lobby	During	17390	1200	0.0031
691	27th Floor inside airlock	During	17391	1200	0.0049
692	27th Floor Freight Elevator Lobby	During	17392	1200	<0.0023
693	28th Floor inside airlock	During	17393	1200	0.0023
694	28th Floor Freight Elevator Lobby	During	17394	1200	0.0043
695	3rd Floor inside airlock	During	17395	1150	0.0038
696	3rd Floor Freight Elevator Lobby	During	17396	1150	0.0047
697	Personal Decon	During	17397	1325	0.0022
698	Waste Decon	During	17398	1325	0.0028

* 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: Boris

Project Site: M Hudson Hotel

Project Address: 55 Church St NY NY

Report to: Michael Deane Boris

Name

Company

Tel/Fax

Date Analyzed: 6/20/02 Analyst: D.A.

PCN or TEM

Project #: MS02-02SAR

Date: 06/19/02

Technician: B. Gutman

Signature: B. Gutman

Rotometer: R 0901

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	f/cc l s/cc	f/mm ² l s/mm ²
687	4	Person Decon.		1405	1805	240	5/5	1200	17387	8/100	0.0033	
688	4	Waste Decon.		1405	1805	240	5/5	1200	17388	10/100	0.0041	
689	4	26 th floor in side entrance		1410	1810	240	5/5	1200	17389	4.5/100	0.0023	
690	4	↓ freight elevator lobby		1410	1810	240	5/5	1200	17390	7.5/100	0.0031	
691	4	27 th floor inside entrance		1412	1812	240	5/5	1200	17391	12/100	0.0049	
692	4	↓ freight elevator lobby		1412	1812	240	5/5	1200	17392	3/100	0.0023	
693	4	28 th floor in side entrance		1414	1814	240	5/5	1200	17393	5.5/100	0.0023	
694	4	↓ freight elevator lobby		1414	1814	240	5/5	1200	17394	10.5/100	0.0043	
695	4	3 rd floor in side entrance		1430	1820	230	5/5	1150	17395	9/100	0.0038	
696	4	↓ freight elevator lobby		1430	1820	230	5/5	1150	17396	11/100	0.0047	
697	4	Person Decon.		1805	2230	265	5/5	1325	17397	6/100	0.0022	
698	4	Waste Decon.		1805	2230	265	5/5	1325	17398	7.5/100	0.0028	

Relinquished by (signature):

Date/Time:

Received by (signature):

Date/Time:

SAMPLE

1 - Ambient

2 - Background

3 - Pre-Test

B. Gutman

6/19

M. Deane

6/20/02

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: 06/19/02

Project #: MBO-025AB

Date Rec'd (lab): 06/20/02

Analysis Date: 06/20/02

Analyst: D. Agrest

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
699	26th Floor inside airlock	During	17399	1250	<0.0022
700	26th floor freight elevator lobby	During	17400	1250	<0.0022
701	27th Floor inside airlock	During	17401	1250	0.0024
702	27th floor freight elevator lobby	During	17402	1250	0.0075
703	28th Floor inside airlock	During	17403	1250	0.0182
704	28th floor freight elevator lobby	During	17404	1250	0.0067
705	3rd Floor inside airlock	During	17405	1150	<0.0023
706	3rd floor freight elevator lobby	During	17406	1150	<0.0023
707	Field Blank	During	17407	N/A	N/A
708	Field Blank	During	17408	N/A	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 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

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Air Sample Data Chain of Custody

Page 2 of 2

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: (212) 592-6964 (FAX)

Name

Analyst: **D. A.**

Date Analyzed: **6/20/02**

TURNAROUND TIME: **PCN**

Project #: **MB0 - 025 AB**

Date: **06/19/02**

Technician: **B. Bitman**

Signature: **B. Bitman**

Rotometer: **R0901**

TURNAROUND TIME:

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/ FIELD	RESULTS /cc /min
699	4	26 th floor in side air lock		1810	2220	250	5/5	1250	17399	5/100	<0.0022
700	4	↓ freight elevator lobby		1810	2220	250	5/5	1250	17400	3.5/100	<0.0022
701	4	27 th floor in side air lock		1812	2222	250	5/5	1250	17401	6/100	0.0024
702	4	↓ freight elevator lobby		1812	2222	250	5/5	1250	17402	19/100	0.0075
703	4	28 th floor in side air lock		1814	2224	250	5/5	1250	17403	4.5/100	<0.0022
704	4	↓ freight elevator lobby		1814	2224	250	5/5	1250	17404	17/100	0.0067
705	4	3 rd floor in side air lock		1820	2220	230	5/5	1150	17405	3/100	<0.0023
706	4	↓ freight elevator lobby		1820	2220	230	5/5	1150	17406	5/100	<0.0023
707		Blank								1	
708		Blank							17407	0/100	-
									17408	0/100	-
										1	

Relinquished by (signature): Bitman Date/Time: 06/19

Received by (signature): [Signature] Date/Time: 6/20/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

Below 6:20-2-9:20



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: 06/20/02

Project #: MBO-025AB

Date Rec'd (lab): 06/21/02

Analysis Date: 06/21/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC
 55 Chruch Street
 New York, New York
 Various Floors

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample Condition Acceptable? YES

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
709	Person Decon	During	17575	1200	<.0023
710	Waste Decon	During	17576	1200	<.0023
711	3rd floor inside air lock	During	17577	1200	.0045
712	3rd floor freight elevator lobby	During	17578	1200	.0055
713	23rd floor inside airlock	During	17579	1200	.0057
714	23rd floor freight elevator lobby	During	17580	1200	.0041
715	24th floor inside airlock	During	17581	1200	.0043
716	24th floor frieght elevator lobby	During	17582	1200	.0039
717	25th floor inside air lock	During	17583	1200	<.0023
718	25th floor freight elevator lobby	During	17584	1200	.0057
719	Person Decon	During	17585	1350	<.0020
720	Waste Decon	During	17586	1350	<.0020

* 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 LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS** (212) 592-6964 (FAX)

Company Tel/Fax

Date Analyzed: 6/21/02 Analyst: [Signature]

(PCM)

Project #: **MB0 - 025 AB**

Date: 06-20-02

Technician: B. Bittman

Signature: [Signature]

Rotometer: R 0901

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY										RESULTS: 1/CG (s/cc) 1/1mm (s)	
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/FIELDS	RESULTS: 1/CG (s/cc) 1/1mm (s)
709	4	Person Decon		1400	1800	240	5/5	1200	17575	4/100	2.0023
710	4	Waste Decon		1400	1800	240	5/5	1200	17576	2/100	2.0023
711	4	3 rd floor in side airlock		1405	1805	240	5/5	1200	17577	11/100	.0045
712	4	↓ freight elevator lobby		1405	1805	240	5/5	1200	17578	13.5/100	.0055
713	4	23 rd floor in side airlock		1407	1807	240	5/5	1200	17579	14/100	.0057
714	4	↓ freight elevator lobby		1407	1807	240	5/5	1200	17580	10/100	.0041
715	4	24 th floor in side airlock		1409	1809	240	5/5	1200	17581	10.5/100	.0043
716	4	↓ freight elevator lobby		1409	1809	240	5/5	1200	17582	9.5/100	.0039
717	4	25 th floor in side airlock		1411	1811	240	5/5	1200	17583	4/100	2.0023
718	4	↓ freight elevator lobby		1411	1811	240	5/5	1200	17584	14/100	.0057
719		Person Decon		1800	2230	270	5/5	1350	17585	2/100	2.0020
720		Waste Decon		1800	2230	270	5/5	1350	17586	2.5/100	2.0020
Relinquished by (signature): <u>[Signature]</u>		Date/Time: <u>06-20-</u>		Received by (signature): <u>[Signature]</u>		Date/Time: <u>6/21/02</u>		SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test 4 - During 5 - Final 6 - Personal/OSHHA		IWA: INSIDE WORK AREA OUTSIDE WORK AREA	

[Signature] 6-21/2 6AM



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: 06/20/02

Project #: MBO-025AB

Date Rec'd (lab): 06/21/02

Analysis Date: 06/21/02

Analyst: D. McCarl

Sample Location Millenium Hilton @ WTC
 55 Chruch Street
 New York, New York
 Various Floors

Analytical NIOSH 7400

Sample Condition Acceptable? YES

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
721	3rd floor inside air lock	During	#REF!	1250	.0047
722	3rd floor freight elevator lobby	During	#REF!	1250	.0059
723	23rd floor inside airlock	During	#REF!	1250	.0061
724	23rd floor freight elevator lobby	During	#REF!	1250	.0071
725	24th floor inside airlock	During	#REF!	1250	.0065
726	24th floor frieght elevator lobby	During	#REF!	1250	.0047
727	25th floor inside air lock	During	#REF!	1250	.0073
728	25th floor freight elevator lobby	During	#REF!	1250	.0055
729	Field Blank	Blank	#REF!	0	0
730	Field Blank	Blank	#REF!	0	0

* 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 2 of 2

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE (212) 592-6964 (FAX)

BOVIS

Tel/Fax

Company

Date Analyzed: 6/21/02 Analyst: *[Signature]*

(PCM)

Project #: MBO - 025 AB

Date: 0620102

Technician: B Bitman

Signature: B Bitman

Rotometer: R 0901

TURNAROUND TIME:

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 1/min 1's/m
721	4	3 rd floor in side airlock		1805	2215	250	5/5	1250	17587	12/100	.0047
722	4	freight elevator lobby		1805	2215	250	5/5	1250	17588	15/100	.0059
723		23 rd floor in side airlock		1807	2217	250	5/5	1250	17589	15.5/100	.0061
724		freight el. lobby		1807	2217	250	5/5	1250	17590	18/100	.0071
725		24 th floor in side airlock		1809	2219	250	5/5	1250	17591	16.5/100	.0065
726		freight el. lobby		1809	2219	250	5/5	1250	17592	12/100	.0047
727		25 th floor in side airlock		1811	2221	250	5/5	1250	17593	18.5/100	.0073
728		freight elevator lobby		1811	2221	250	5/5	1250	17594	14/100	.0055
729		Blank					—	—	17595	0/100	0
730		Blank					—	—	17596	0/100	0
										1	
										1	

Relinquished by (signature): *[Signature]* Date/Time: 06/20/02

Received by (signature): *[Signature]* Date/Time: 6/21/02

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA


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: 06/21/02

Project #: MBO-025AB

Date Rec'd (lab): 06/24/02

Analysis Date: 06/24/02

Analyst: M. Stein

Sample Location: The Millenium Hilton

55 Chruch Street

New York, New York

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
731	Personal Decon	During	18036	1200	<0.0023
732	Waste Decon	During	18037	1200	0.0027
733	3rd Floor inside airlock	During	18038	1200	0.0029
734	3rd Floor outside airlock	During	18039	1200	<0.0023
735	23th floor inside air lock	During	18040	1200	0.0055
736	23th floor outside air lock	During	18041	1200	0.0049
737	24th floor inside air lock	During	18042	1200	0.0041
738	24th floor outside air lock	During	18043	1200	<0.0029
739	25th floor inside air lock	During	18044	1200	0.0067
740	25th floor outside air lock	During	18045	1200	0.0031
741	Personal Decon	During	18046	1350	0.0027
742	Waste Decon	During	18047	1350	0.0044

* 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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Environmental Laboratory
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NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 06/21/02

Project #: MBO-025AB

Date Rec'd (lab): 06/24/02

Analysis Date: 06/24/02

Analyst: M.B.

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
743	3rd Floor inside airlock	During	18048	1250	0.0035
744	3rd floor freight elevator lobby	During	18049	1250	0.0059
745	23rd Floor inside airlock	During	18050	1250	<0.0022
746	23rd floor freight elevator lobby	During	18051	1250	<0.0022
747	24th Floor inside airlock	During	18052	1250	0.0067
748	24th floor freight elevator lobby	During	18053	1250	0.0086
749	25th Floor inside airlock	During	18054	1250	0.0047
750	25th floor freight elevator lobby	During	18055	1250	0.0035
751	Field Blank	During	18056	N/A	N/A
752	Field Blank	During	18057	N/A	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.

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Air Sample Data Chain of Custody

Page 2 of 2Client: **BOVIS LEND LEASE - LMB**Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**Report to: **MICHAEL DEANE** BOVIS
Name Company Tel/Fax (212) 592-6964 (FAX)

Date Analyzed: _____ Analyst: _____

TLL FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**Date: **06/21/02**Technician: **B. Butmore**Signature: *B. Butmore*Rotometer: **R0901**

TURNAROUND TIME: _____

ANALYSIS: LABORATORY USE ONLY											
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCMS #	FIBERS/CM ² FIELDS	RESULTS: FIBERS/CM ² FIELDS
743	4	3 rd floor in side airlock		1805	2215	250	5/5	1250	18048	9/100	0.0035
744		✓ freight elev. lobby		1805	2215	250	5/5	1250	18049	15/100	0.0059
745		23 rd floor in side airlock		1807	2217	250	5/5	1250	18050	25/100	0.0022
746		✓ freight elev. lobby		1807	2217	250	5/5	1250	18051	3/100	0.0022
747		24 th floor in side airlock		1809	2219	250	5/5	1250	18052	17/100	0.0067
748		✓ freight elev. lobby		1809	2219	250	5/5	1250	18053	22/100	0.0086
749		25 th floor in side airlock		1811	2221	250	5/5	1250	18054	12/100	0.0047
750	✓	✓ freight elev. lobby		1811	2221	250	5/5	1250	18055	9/100	0.0035
751		Blank					—	—	18054	0/1	
752		Blank					✓	—	18057	0/1	
										1	
										1	

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

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:
<i>B. Butmore</i>	06/21	<i>M. ...</i>	6/24/02 11:50

IWA: INSIDE WORK AREA
OWA: OUTSIDE WORK AREA

idk, 6.23.02


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: 06/24/02

Project #: MBO-025AB

Date Rec'd (lab): 06/25/02

Analysis Date: 06/25/02

Analyst: M. Stein

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample-Type	02PCM #	Volume	Concentration f/cc
753	Personal Decon	During	18221	1250	0.0027
754	Waste Decon	During	18222	1250	0.0022
755	3rd Floor inside airlock	During	18223	1200	0.0131
756	3rd Floor outside airlock	During	18224	1200	0.0033
757	23th floor inside air lock	During	18225	1200	0.0086
758	23th floor outside air lock	During	18226	1200	<0.0023
759	24th floor inside air lock	During	18227	1200	0.0024
760	24th floor outside air lock	During	18228	1200	0.0043
761	25th floor inside air lock	During	18229	1200	0.0053
762	25th floor outside air lock	During	18230	1200	0.0119
763	Personal Decon	During	18231	1350	<0.0020
764	Waste Decon	During	18232	1350	<0.0020

* 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

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Name Company Tel/Fax

Michael Deane

(PCM)

Date Analyzed: 6/25/02 Analyst: _____

Project #: **MBO - 025 AB**

Date: 06/24/02

Technician: B. Bluman

Signature: B. Bluman

Rotometer: R 0901

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY										RESULTS: FIBERS/CC		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/CC	FIBERS/CC	FIBERS/CC
753	4	Person Decon		1350	1800	250	5/5	1250	18221	7/100	0027	
754		Waste Decon		1350	1800	250	5/5	1250	18222	5.5/100	0022	
755		3 rd floor inside airlock		1405	1805	240	5/5	1200	18223	32/100	0013	
756		↓ freight elevator lobby		1405	1805	240	5/5	1200	18224	8/100	0033	
757		23 th floor inside airlock		1407	1807	240	5/5	1200	18225	21/100	0086	
758		↓ freight elev. lobby		1407	1807	240	5/5	1200	18226	3/100	0023	
759		24 th floor inside airlock		1409	1809	240	5/5	1200	18227	6/100	0024	
760		↓ freight elev. lobby		1409	1809	240	5/5	1200	18228	10.5/100	0043	
761		25 th floor inside airlock		1411	1811	240	5/5	1200	18229	13/100	0053	
762	↓	↓ freight elevator lobby		1411	1811	240	5/5	1200	18230	29/100	0119	
763	4	Person Decon		1800	2230	270	5/5	1350	18231	5/100	0020	
764	4	Waste Decon		1800	2230	270	5/5	1350	18232	3/100	0020	
Relinquished by (signature): <u>B. Bluman</u>		Date/Time: <u>06.24.</u>		Received by (signature): <u>M. Bluman</u>		Date/Time: <u>6/25/02</u>		SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test		4 - During 5 - Final 6 - Personal/OSHA		IWA: INSIDE WORK AREA


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: 06/24/02

Project #: MBO-025AB

Date Rec'd (lab): 06/25/02

Analysis Date: 06/25/02

Analyst: M. Stein

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
765	3rd Floor inside airlock	During	18233	1250	0.032
766	3rd floor freight elevator lobby	During	18234	1250	0.0039
767	23rd Floor inside airlock	During	18235	1250	<0.0022
768	23rd floor freight elevator lobby	During	18236	1250	0.0024
769	24th Floor inside airlock	During	18237	1250	0.0182
770	24th floor freight elevator lobby	During	18238	1250	<0.0022
771	25th Floor inside airlock	During	18239	1250	<0.0022
772	25th floor freight elevator lobby	During	18240	1250	0.0055
773	Field Blank	During	18241	N/A	N/A
774	Field Blank	During	18242	N/A	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 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.

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Air Sample Data Chain of Custody

Page 2 of 2

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: **(212) 592-6964 (FAX)**

Name: *Michael Deane*

Date Analyzed: **6/25/02** Analyst: *Michael Deane*

Project #: **MBO - 025 AB**

Date: **06/24/02**

Technician: *B. Butman*

Signature: *B. Butman*

Rotometer: **R 0901**

TURN AROUND TIME:

ANALYSIS: LABORATORY USE ONLY									
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	RESULTS: FIBERS/FIELD
765	4.	3 rd floor inside air lock		1805	2215	250	5/5	1250	82/100, 0.0322
766		↓ freight elevator lobby		1805	2215	250	5/5	1250	10/100, 0.0039
767		23 rd floor inside air lock		1807	2217	250	5/5	1250	45/100, 0.0032
768		↓ freight elevator lobby		1807	2217	250	5/5	1250	6/100, 0.0024
769		24 th floor inside air lock		1809	2219	250	5/5	1250	88/100, 0.0182
770		↓ freight elevator lobby		1809	2219	250	5/5	1250	45/100, 0.0022
771		25 th floor inside air lock		1811	2221	250	5/5	1250	3/100, 0.0022
772	↓	↓ freight elevator lobby		1811	2221	250	5/5	1250	14/100, 0.0055
773		Blorris					—	—	0/1, —
774		Blorris					—	—	0/1, —
									1/1, —
									1/1, —

Relinquished by (signature): <i>B. Butman</i>	Date/Time: 06/24	Received by (signature): <i>M. Deane</i>	Date/Time: 6/25/02	10:05 am
SAMPLE CODES: 1 - Ambient, 2 - Background, 3 - Pre-Test		4 - During, 5 - Final, 6 - Personal/OSHA		
IWA: INSIDE WORK AREA				

**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:** 06/25/02**Project #:** MBO-025AB**Date Rec'd (lab):** 06/26/02**Analysis Date:** 06/26/02**Analyst:** D.McCarl**Sample Location** The Millenium Hilton
55 Chruch Street
New York, New York**Analytical** NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
775	Person Decon	During	18421	1300	<.0021
776	Wste Decon	During	18422	1300	<.0021
777	3rd floor office 195 Broadway	During	18423	1300	.003
778	3rd floor office 195 Broadway	During	18424	1300	.0025
779	3rd floor restaurant inside air lock	During	18425	1300	.0036
780	3rd floor restaurant outside air lock	During	18426	1300	.0045
781	20th floor inside airlock	During	18427	1300	.007
782	20th floor outside airlock	During	18428	1300	.0032
783	21st floor inside airlock	During	18429	1300	.003
784	21st floor outside airlock	During	18430	1300	.0038
785	22nd floor inside airlock	During	18431	1300	.0026
786	22nd floor outside airlock	During	18432	1300	.004

* 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 - LMB**
Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**
Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**
Report to: **MICHAEL DEANE** BOVIS Company
Date Analyzed: **6/26/02** Analyst: *[Signature]*

Project #: **MBO - 025 AB**
Date: **06/25/02**
Technician: **B. Gutman**
Signature: *[Signature]*
Rotometer: **R 0901**

TEL FIELD OFFICE FAX: (212) 312-2147 (FAX)
Tel/Fax: (212) 592-6964 (FAX)

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 [s/cc] 1/mm [1/s]
775	4	air Lock person Deane		1350	1800	260	5/5	1300	18421	3/100	1.0021
776		Waste Deane		1350	1800	260	5/5	1300	18422	4.5/100	1.0021
777		3 rd floor office 195 Broadway		1358	1808	260	5/5	1300	18423	8/100	0.003
778		↓		1358	1808	260	5/5	1300	18424	6.5/100	0.0025
779		restaurant in airlock		1400	1810	260	5/5	1300	18425	9.5/100	0.0036
780		↓		1400	1810	260	5/5	1300	18426	12/100	0.0045
781		20 th floor in airlock		1402	1812	260	5/5	1300	18427	18.5/100	0.007
782		↓		1402	1812	260	5/5	1300	18428	8.5/100	0.0032
783		21 st floor in air lock		1404	1814	260	5/5	1300	18429	8/100	0.003
784		↓		1404	1814	260	5/5	1300	18430	10/100	0.0038
785		22 nd floor in air lock		1406	1816	260	5/5	1300	18431	7/100	0.0026
786		↓		1406	1816	260	5/5	1300	18432	10.5/100	0.004

Relinquished by (signature): <i>[Signature]</i>	Date/Time: 06/25	Received by (signature): <i>[Signature]</i>	Date/Time: 6/26/02
SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test		4 - During 5 - Final 6 - Personal/OSHA	
IWA: INSIDE WORK AREA OWA: OUTSIDE WORK AREA			



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: 06/25/02

Project #: MBO-025AB

Date Rec'd (lab): 06/26/02

Analysis Date: 06/26/02

Analyst: D. McCarl

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
787	Person Decon	During	18433	1350	<.0020
788	Wste Decon	During	18434	1350	<.0020
789	3rd floor office inside	During	18435	1250	<.0022
790	3rd floor office outside	During	18436	1250	<.0022
791	3rd floor restaurant inside air lock	During	18437	1250	<.0022
792	3rd floor restaurant outside air lock	During	18438	1250	.0102
793	20th floor inside airlock	During	18439	1250	.0022
794	20th floor outside airlock	During	18440	1250	<.0022
795	21st floor inside airlock	During	18441	1250	.0029
796	21st floor outside airlock	During	18442	1250	<.0022
797	22nd floor inside airlock	During	18443	1250	.0084
798	22nd floor outside airlock	During	18444	1250	.0027

* 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 2 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Company

Tel/Fax

Date Analyzed: 6/26/02 Analyst: JG

(PCM)

Project #: MBO - 025 AB

Date:

Technician: B Bitman

Signature:

Rotometer: R 0901

TURNAROUND TIME:

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/ FELDS	RESULTS /cc /s/cc /min /s/n
787	4	Person decory		1800	2230	270	5/5	1350	18433	3.5/100	L.0020
788		Waste Decor.		1800	2230	270	5/5	1350	18434	4/100	L.0020
789		3 rd floor office in side		1808	2218	250	5/5	1250	18435	5/100	L.0022
790		↓ out side		1808	2218	250	5/5	1250	18436	3.5/100	L.0022
791		restaurant in side out		1810	2220	250	5/5	1250	18437	4/100	L.0022
792		↓ out side out		1810	2220	250	5/5	1250	18438	26/100	.0102
793		20 th floor in side out		1812	2222	250	5/5	1250	18439	5.5/100	.0032
794		↓ out side out		1812	2222	250	5/5	1250	18440	2/100	L.0022
795		21 st floor in side out		1814	2224	250	5/5	1250	18441	7.5/100	.0029
796		↓ out side out		1814	2224	250	5/5	1250	18442	3.5/100	L.0022
797		22 nd floor in side out		1816	2226	250	5/5	1250	18443	26.5/100	.0084
798		↓ out side out Cor.		1916	2226	250	5/5	1250	18444	7/100	.0037
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE:		3 - Pre-Test	
B. G. M. or		106.25		JG		6/26/02		1 - Ambient		2 - Background	
										4 - During	
										5 - Final	
										6 - Personal/OSHA	
										INSIDE WORK AREA	
										OUTSIDE WORK AREA	


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: 06/25/02

Project #: MBO-025AB

Date Rec'd (lab): 06/26/02

Analysis Date: 06/26/02

Analyst: D. McCarl

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
799	Blank	N/A	18445	0	N/A
800	Blank	N/A	18446	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.
Environmental Laboratory

47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 10G147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 06/26/02

Project #: MBO-025AB

Date Rec'd (lab): 06/27/02

Analysis Date: 06/27/02

Analyst: M. Stein

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
801	Personal Decon	During	18820	2500	<0.0011
802	Waste Decon	During	18821	2500	0.0014
803	3rd Floor Resturant inside airlock	During	18822	2400	OVERLOAD
804	3rd Floor Resturant outside airlock	During	18823	2400	0.0025
805	20th floor inside air lock	During	18824	2400	0.0019
806	20th floor outside air lock	During	18825	2400	0.0012
807	21st floor inside air lock	During	18826	2400	0.0021
808	21st floor outside air lock	During	18827	2400	0.0016
809	22nd floor inside air lock	During	18828	2400	0.0033
810	22nd floor outside air lock	During	18829	2400	0.0067
811	Field Blank	During	18830	N/A	N/A
812	Field Blank	During	18831	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Company

Tel/Fax

Date Analyzed: 6/27/02 Analyst: [Signature]

PCN

Project #: **MBO - 025 AB**

Date: 06/26/02

Technician: B. Bitman

Signature: B. Bitman

Rotometer: R 0901

TURNAROUND TIME:

TLL FIELD OFFICE FAX: (212) 312-2147 (FAX)											
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCN # TEM #	FIBERS/FIELDS	RESULTS: /cc /sqcc /mm /smi
801	4	Person Decon		1410	2230	500	5/5	2500	18826	5/100	<.0011
802		Waste Decon		1410	2230	500	5/5	2500	18821	7/100	.0014
803		3 rd floor restaurant in out loc		1415	2215	480	5/5	2400	18822	0/100	---
804		↓ out side air loc		1415	2215	480	5/5	2400	18823	12/100	.0025
805		20 th floor in side air loc		1416	2216	480	5/5	2400	18824	95/100	.0019
806		↓ out side air loc		1416	2216	480	5/5	2400	18825	6/100	.0012
807		21 st floor in side air loc		1418	2218	480	5/5	2400	18826	105/100	.0021
808		↓ out side air loc		1418	2218	480	5/5	2400	18827	8/100	.0016
809		22 nd floor in side air loc		1420	2220	480	5/5	2400	18828	16/100	.0033
810	↓	↓ out side air loc		1420	2220	480	5/5	2400	18829	33/100	.0067
811		Blank				---	---	---	18830	0/1	---
812		Blank				---	---	---	18831	0/1	---

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE	1 - Ambient	2 - Background	3 - Pre-Test
<u>[Signature]</u>	<u>06.26</u>	<u>[Signature]</u>	<u>6/27/02</u>	CODES:	4 - During	5 - Final	6 - Personal/OSHA
				IWA:	INSIDE WORK AREA		
				OWA:	OUTSIDE WORK AREA		



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: 06/27/02

Project #: MBO-025AB

Date Rec'd (lab): 06/28/02

Analysis Date: 06/28/02

Analyst: M. Stein

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
813	Person Decon	During	19060	2550	.0012
814	Wste Decon	During	19061	2550	<.0011
815	20th floor inside airlock	During	19062	900	.0044
816	20th floor inside airlock	During	19063	900	.0075
817	21st floor inside airlock	During	19064	900	.0044
818	21st floor outside airlock	During	19065	900	.0038
819	22th floor inside airlock	During	19066	900	<.0030
820	22th floor outside airlock	During	19067	900	<.0030
821	19th floor inside airlock	During	19068	2350	.0021
822	19th floor outside airlock	During	19069	2350	.0035
823	18th floor inside airlock	During	19070	2350	.0034
824	18th floor outside airlock	During	19071	2350	.004

* 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 2

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE ROVIS (212) 592-6964 (FAX)

Company Tel/Fax

Analyst: *MD*

Date Analyzed: 6/28

Flow Rate: (PCM)

Project #: MBO - 025 AB

Date: 06.27.02

Technician: B Bitman

Signature: *B Bitman*

Rotometer: R 0901

TURNAROUND TIME:

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	RESULTS: /min /s/m
813	4.	Person Decon.		1400	2230	510	5/5	2550	19060	6 /100	0012	
814		Waste Decon.		1400	2330	510	5/5	2550	19061	3 /100	0011	
815		20 th floor. in side airlock		1405	1705	180	5/5	900	19062	8 /100	0044	
816		↓ out side airlock		1405	1705	180	5/5	900	19063	135 /100	0075	
817		21 st floor. in side airlock		1407	1707	180	5/5	900	19064	8 /100	0044	
818		↓ out side airlock		1407	1707	180	5/5	900	19065	7 /100	0038	
819		22 nd floor in side airlock		1409	1709	180	5/5	900	19066	15 /100	0030	
820		↓ out side airlock		1409	1709	180	5/5	900	19067	3 /100	0030	
821		19 th floor. in side airlock		1430	2220	470	5/5	2350	19068	10 /100	0021	
822		↓ out side airlock		1430	2220	470	5/5	2350	19069	17 /100	0035	
823		18 th floor in side airlock		1435	2225	470	5/5	2350	19070	165 /100	0034	
824		↓ out side airlock		1435	2225	470	5/5	2350	19071	19 /100	004	
Relinquished by (signature):		Date/Time:		Received by (signature):		Date/Time:		SAMPLE		1 - Ambient		2 - Background
<i>B Bitman</i>		06.27		<i>D. Agent</i>		6/29/02		12:50		4 - During		5 - Final
												6 - Personal/OSHIA
												INSIDE WORK AREA
												OUTSIDE WORK AREA



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:	06/27/02
		Date Rec'd (lab):	06/28/02
Project #:	MBO-025AB	Analysis Date:	06/28/02
		Analyst:	M. Stein
Sample Location	The Millenium Hilton	Analytical	NIOSH 7400
	55 Chruch Street		
	New York, New York		

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
825	17th floor inside air lock	During	19072	2335	.0081
826	17th floor inside air lock	During	19073	2335	.0058
827	Blank	During	19074	N/A	N/A
828	Blank	During	19075	N/A	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.
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: 06/28/02

Project #: MBO-025AB

Date Rec'd (lab): 07/01/02

Analysis Date: 07/01/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
829	Personal Decon	During	19381	1150	<0.0023
830	Waste Decon	During	19382	1150	<0.0023
831	17th Floor inside airlock	During	19383	1150	0.0073
832	17th Floor outside airlock	During	19384	1150	0.0032
833	18th floor inside air lock	During	19385	1150	0.0026
834	18th floor outside air lock	During	19386	1150	0.0036
835	19th floor inside air lock	During	19387	1150	0.0068
836	19th floor outside air lock	During	19388	1150	0.0045
837	Personal Decon	During	19389	1400	<0.0019
838	Waste Decon	During	19390	1400	<0.0019
839	17th Floor inside airlock	During	19391	1300	0.0032
840	17th Floor outside airlock	During	19392	1300	0.0021

* 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 - LMB

Project Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS Company Tel/Fax: (212) 592-6964 (FAX)

Name: Michael Deane

Date Analyzed: 7/1/02 Analyst: [Signature]

Project #: MBO - 025 AB

Date: 06.28.02

Technician: B. Bitman

Signature: B. Bitman

Rotometer: R 0901

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY									
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCIM #
829	4	Person Decon.		1400	1750	230	5/5	1150	19381
830		Waste Decon.		1400	1750	230	5/5	1150	19382
831		17th floor in side air lock		1410	1800	230	5/5	1150	19383
832		↓ out side air lock		1410	1800	230	5/5	1150	19384
833		18th floor in side air lock		1412	1802	230	5/5	1150	19385
834		↓ out side air lock		1412	1802	230	5/5	1150	19386
835		19th floor in side air lock		1414	1804	230	5/5	1150	19387
836	↓	↓ out side air lock		1414	1804	230	5/5	1150	19388
837	4	Person Decon.		1750	2230	280	5/5	1400	19389
838		Waste Decon.		1750	2230	280	5/5	1400	19390
839		17th floor in side air lock		1800	2220	260	5/5	1300	19391
840	↓	↓ out side air lock		1800	2220	260	5/5	1300	19392

RESULTS: FIBERS/FIELDS		RESULTS: PARTICLES/FIELDS	
19381	5/100	<0.0023	
19382	2/100	<0.0023	
19383	17/100	0.0073	
19384	7.5/100	0.0032	
19385	6/100	0.0026	
19386	8.5/100	0.0036	
19387	16/100	0.0068	
19388	10.5/100	0.0045	
19389	4/100	<0.0019	
19390	5/100	<0.0019	
19391	8.5/100	0.0032	
19392	5.5/100	0.0021	

Relinquished by (signature): [Signature] Date/Time: 06.28

Received by (signature): [Signature] Date/Time: 7/1/02

SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: 4 - During 5 - Final 6 - Personal/OSHIA
 IWA: INSIDE WORK AREA
 OWA: OUTSIDE WORK AREA


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: 06/28/02

Project #: MBO-025AB

Date Rec'd (lab): 07/01/02

Analysis Date: 07/01/02

Analyst: D. McCarl

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

Analytical Method: NIOSH 7400

Field Technician: T. Chhetry & B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
841	18th Floor inside airlock	During	19393	1300	0.0056
842	18th Floor Outside Airlock	During	19394	1300	0.0025
843	19th Floor inside airlock	During	19395	1300	<0.0021
844	19th Floor outside airlock	During	19396	1300	<0.0021
845	Field Blank	During	19397	N/A	N/A
846	Field Blank	During	19398	N/A	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.

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: 07/01/02

Project #: MBO-025AB

Date Rec'd (lab): 07/02/02

Analysis Date: 07/03/02

Analyst: M. Benderson

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
847	Person Decon	During	19734	1240	.0063
848	Wste Decon	During	19735	1240	.0059
849	17th floor inside air lock	During	19736	1200	.0029
850	17th floor outside air lock	During	19737	1200	.0033
851	18th floor inside air lock	During	19738	1200	.0029
852	18th floor outside air lock	During	19739	1200	.0057
853	19th floor inside air lock	During	19740	1200	.0045
854	19th floor outside air lock	During	19741	1200	<.0023
855	14th floor inside air lock	During	19742	1180	.0039
856	14th floor outside air lock	During	19743	1180	.0027
857	15th floor inside air lock	During	19744	1180	.0027
858	15th floor outside air lock	During	19745	1180	<.0023

* 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 3Client: **BOVIS LEND LEASE - LMB**Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Company

Tel/Fax

Date Analyzed: 7/3/02Analyst: Meredith V

(PCM)

Project #: **MBO - 025 AB**Date: 07/01/02Technician: B. BitmonSignature: B. BitmonRotometer: R 0901

TURNAROUND TIME:

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/1000 FIELDS	RESULTS
847	4	Person Decon		1400	1808	248	5/5	1240	15734	16/100	.0063
848		Waste Decon.		1400	1808	248	5/5	1240	15735	15/100	.0059
849		17th floor in side air lock		1410	1810	240	5/5	1200	15736	7/100	.0029
850		↓ out side air lock		1410	1810	240	5/5	1200	15737	8/100	.0033
851		18th floor in side air lock		1412	1812	240	5/5	1200	15738	7/100	.0029
852		↓ out side air lock		1412	1812	240	5/5	1200	15735	14/100	.0057
853		19th floor in side air lock		1414	1814	240	5/5	1200	15740	11/100	.0045
854	✓	↓ out outside air lock		1414	1814	240	5/5	1200	15741	2/100	<.0023
855	4	14th floor in side air lock		1420	1826	236	5/5	1180	15742	9.5/100	.0039
856		↓ out side air lock		1420	1816	236	5/5	1180	15743	6.5/100	.0027
857		15 floor in side air lock		1422	1818	236	5/5	1180	15744	6.5/100	.0027
858	✓	↓ out side air lock		1422	1818	236	5/5	1180	15745	4/100	<.0023
Relinquished by (signature): <u>B. Bitmon</u>		Date/Time: <u>07.01</u>	Received by (signature): <u>[Signature]</u>		Date/Time: <u>7/2/02</u>		SAMPLE CODES: 1 - Ambient 2 - Background 3 - Pre-Test		4 - During 5 - Final 6 - Personal/OSHA		IWA: INSIDE WORK AREA OWA: OUTSIDE WORK AREA

7/6/02 1:27

**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:** 07/01/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/02/02**Analysis Date:** 07/03/02**Analyst:** M. Benderson

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

Analytical NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
859	16th floor inside air lock	During	19746	1180	.0042
860	16th floor outside air lock	During	19747	1180	.0033
861	Person decon	During	19748	1310	<.0021
862	Waste decon	During	19749	1200	.0037
863	17th floor inside air lock	During	19750	1200	<.0023
864	17th floor outside air lock	During	19751	1200	.0039
865	18th floor inside air lock	During	19752	1200	<.0023
866	18th floor outside air lock	During	19753	1200	<.0023
867	19th floor inside air lock	During	19754	1200	<.0023
868	19th floor outside air lock	During	19755	1200	<.0023
869	14th floor inside air lock	During	19756	1200	.0094
870	14th floor outside air lock	During	19757	1200	.0025

* 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 2 of 3

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Company

Tel/Fax

Date Analyzed: 7/3/02 Analyst: *MB*

(PCM)

Project #: MBO - 025 AB

Date: 07.01.02

Technician: B. Bitman

Signature: *B. Bitman*

Rotometer: R 0901

TURNAROUND TIME:

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	RESULTS
859	4	16 th floor in side airlock		1424	1820	236	5/5	1180	15746	10/100	.0042	
860	4	↓ outside air lock		1424	1820	236	5/5	1180	15747	8/100	.0033	
861	4	Person Decan		1808	2230	262	5/5	1310	15748	5/100	2.0021	
862	4	Waste Decan		1808	2230	262	5/5	1200	15749	9/100	.0037	
863	4	17 th floor in side air lock		1810	2210	240	5/5	1200	15750	4.5/100	2.0023	
864	4	↓ outside air lock		1810	2210	240	5/5	1200	15751	4.5/100	.0039	
865	4	18 th floor in side air lock		1812	2212	240	5/5	1200	15752	2.5/100	2.0023	
866	4	↓ outside air lock		1812	2212	240	5/5	1200	15753	5/100	2.0023	
867	4	19 th floor in side air lock		1814	2214	240	5/5	1200	15754	3.5/100	2.0023	
868	4	↓ outside air lock		1814	2214	240	5/5	1200	15755	5/100	2.0023	
869	4	14 th floor in side air lock		1816	2216	240	5/5	1200	15756	23/100	.0094	
870	4	↓ outside air lock		1816	2216	240	5/5	1200	15757	6/100	.0025	
Relinquished by (signature): <i>B. Bitman</i>		Date/Time: 07.01		Received by (signature): <i>MB</i>		Date/Time: 7/2/02		SAMPLE		1 - Ambient	2 - Background	3 - Pre-Test
								CODES:		4 - During	5 - Final	6 - Personal/OSHA
										IWA: INSIDE WORK AREA		
										OWA: OUTSIDE WORK AREA		


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: 07/01/02

Project #: MBO-025AB

Date Rec'd (lab): 07/02/02

Analysis Date: 07/03/02

Analyst: M. Benderson

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
871	15th floor inside air lock	During	19758	1200	<.0023
872	15th floor outside air lock	During	19759	1200	<.0023
873	16th floor inside air lock	During	19760	1200	.0049
874	16th floor outside air lock	During	19761	1200	<.0023
875	Blank	During	19762	N/A	N/A
876	Blank	During	19763	N/A	N/A
877	Blank	During	19764	N/A	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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TEL (914) 944-2570 FAX (914) 941-4154

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Tel/Fax

Date Analyzed: **7/3/02** Analyst: *M. Deane*

(PCM)

Project #: **MBO - 025 AB**

Date: **07.01.02**

Technician: **B. Bitman**

Signature: *B. Bitman*

Rotometer: **A0901**

TURNAROUND TIME:

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 #
871		15 th floor in side airlock		1818	2218	240	5/5	1200	19758 35/100
872		↓ outside airlock		1818	2218	240	5/5	1200	19759 35/100
873		16 th floor in side airlock		1820	2220	240	5/5	1200	19760 12/100
874		↓ outside airlock		1820	2220	240	5/5	1200	19761 23/100
875		Blank					—	—	19762 0/100
876		Blank					—	—	19763 6/100
877		Blank					—	—	19764 0/100
									19765 1/100
									19766 1/100
									19767 1/100
									19768 1/100
									19769 1/100
									19770 1/100
									19771 1/100
									19772 1/100
									19773 1/100
									19774 1/100
									19775 1/100
									19776 1/100
									19777 1/100
									19778 1/100
									19779 1/100
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									19899 1/100
									19900 1/100

Relinquished by (signature): <i>B. Bitman</i>	Date/Time: 07.01	Received by (signature): <i>M. Deane</i>	Date/Time: 7/2/02
SAMPLE CODES: 1 - Ambient		2 - Background	
3 - Pre-Test		4 - During	
5 - Final		6 - Personal/OSHA	
IWA: INSIDE WORK AREA			
OWA: OUTSIDE WORK AREA			

**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: 07/02/02

Project #: MBO-025AB

Date Rec'd (lab): 07/04/02

Analysis Date: 07/04/02

Analyst: M. Stein

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
878	Person Decon	During	20064	1100	<.0025
879	Waste Decon	During	20065	1100	<.0025
880	14th floor inside airlock	During	20066	1100	.0054
881	14floor outside airlock	During	20067	1100	.008
882	15th floor outside air lock	During	20068	1100	.0045
883	15th floor outside air lock	During	20069	1100	.0033
884	16th floor inside air lock	During	20070	1100	.0036
885	16th floor outside air lock	During	20071	1100	.0045
886	Person Decon	During	20072	1400	.0053
887	Waste Decon	During	20073	1400	.0025
888	14th floor inside airlock	During	20074	1300	.0036
889	14th floor outside airlock	During	20075	1300	.0049

* 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 2

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Name Company Tel/Fax

Date Analyzed: 7/4/02 Analyst: [Signature]

(PCA)

Project #: **MBO - 025 AB**

Date: 07.02.02

Technician: B. Gitman

Signature: [Signature]

Rolometer: R0901

TURNAROUND TIME:

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 /min /m
878	✓	Person Decor		1410	1750	220	5/5	1100	20064	5/100	<.0025
879		Waste Decor.		1410	1750	220	5/5	1100	20065	3/100	<.0025
880		14 th floor inside airlock		1414	1754	220	5/5	1100	20066	12/100	.0054
881		↓ out side airlock		1414	1754	220	5/5	1100	20067	18/100	.008
882		15 th floor inside airlock		1416	1756	220	5/5	1100	20068	10/100	.0045
883		↓ out side airlock		1416	1756	220	5/5	1100	20069	75/100	.0033
884		16 th floor inside airlock		1418	1758	220	5/5	1100	20070	8/100	.0036
885	✓	↓ out side airlock		1418	1758	220	5/5	1100	20071	10/100	.0045
886	✓	Person Decor		1750	2230	280	5/5	1400	20072	15/100	.0053
887		Waste Decor.		1750	2230	280	5/5	1400	20073	7/100	.0025
888		14 th floor inside airlock		1754	2214	260	5/5	1300	20074	75/100	.0036
889	✓	↓ out side airlock		1754	2214	260	5/5	1300	20075	13/100	.0045
Relinquished by (signature): B. Gitman		Date/Time: 07.02		Received by (signature): 		Date/Time: 7/4/02		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:** 07/02/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/04/02**Analysis Date:** 07/04/02**Analyst:** M.Stein

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

Analytical NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
890	15th floor inside air lock	During	20076	1300	.003
891	15th floor outside air lock	During	20077	1300	.0038
892	16th floor inside air lock	During	20078	1300	.0057
893	16th floor outside air lock	During	20079	1300	.0026
894	Blank	During	20080	N/A	N/A
895	Blank	During	20081	N/A	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 McCart - 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:** 07/03/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/05/02**Analysis Date:** 07/05/02**Analyst:** D Agrest**Sample Location** The Millenium Hilton
55 Chruch Street
New York, New York**Analytical** NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
896	Person Decon	During	20111	1300	.0038
897	Waste Decon	During	20112	1300	.0034
898	14th floor inside air lock	During	20113	1200	<.0023
899	14th floor outside air lock	During	20114	1200	<.0023
900	15th floor inside air lock	During	20115	1200	<.0023
901	15th floor outside air lock	During	20116	1200	<.0023
902	16th floor inside air lock	During	20117	1200	<.0023
903	16th floor outside air lock	During	20118	1200	<.0023
904	14th floor inside air lock	During	20119	1200	<.0023
905	14th floor outside air lock	During	20120	1200	<.0023
906	15 floor inside air lock	During	20121	1200	<.0023
907	15th floor outside air lock	During	20122	1200	<.0023

* 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 2

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL at WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE BOVIS** (212) 592-6964 (FAX)

Name Company Tel/Fax

Date Analyzed: 7/5/02 Analyst: D.A.

(per)

Project #: **MBO - 025 AB**

Date: 07.03.02

Technician: B. Bitman

Signature: B. Bitman

Rotometer: R 0901

TURNAROUND TIME:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
									Ø2 PCM #	FIBERS/TEM #	RESULTS: FIBERS/TEM #
896	4	Person Decon		1405	1825	260	5/5	1300	20111	10/100	0.0038
897		Waste Decon		1405	1825	260	5/5	1300	20112	9/100	0.0034
898		14th floor inside air lock		1410	1810	240	5/5	1200	20113	3/100	0.0023
899		↓ outside air lock		1410	1810	240	5/5	1200	20114	4/100	0.0023
900		15th floor inside air lock		1412	1812	240	5/5	1200	20115	6.5/100	0.0027
901		↓ outside air lock		1412	1812	240	5/5	1200	20116	2.5/100	0.0023
902		16th floor inside air lock		1414	1814	240	5/5	1200	20117	2/100	0.0023
903	✓	↓ outside air lock		1414	1814	240	5/5	1200	20118	3/100	0.0023
904	4	14th floor inside air lock		1810	2210	240	5/5	1200	20119	3.5/100	0.0023
905		↓ outside air lock		1810	2210	240	5/5	1200	20120	1.5/100	0.0023
906		15th floor inside air lock		1812	2212	240	5/5	1200	20121	4/100	0.0023
907	✓	↓ outside air lock		1812	2212	240	5/5	1200	20122	3/100	0.0023

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE		
				1 - Ambient	2 - Background	3 - Pre-Test
<u>Bitman</u>	<u>07.03</u>	<u>D. Aron</u>	<u>7/5/02 8:50</u>	CODES: 4 - During	5 - Final	6 - Personal/OSHA
IWA: INSIDE WORK AREA						

**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:** 07/03/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/05/02**Analysis Date:** 07/05/02**Analyst:** D Agrest

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

Analytical NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
908	16th floor inside air lock	During	20123	1200	<.0023
909	16th floor outside air lock	During	20124	1200	<.0023
910	person decon	During	20125	1250	<.0022
911	waste decon	During	20126	1250	<.0022
912	10th floor inside air lock	During	20127	1150	<.0023
913	10th floor outside air lock	During	20128	1150	<.0023
914	11th floor inside air lock	During	20129	1150	.0041
915	11th floor outside air lock	During	20130	1150	<.0023
916	12th floor inside air lock	During	20131	1150	.0023
917	12th floor outside air lock	During	20132	1150	<.0023
918	Blank	During	20133	N/A	N/A
919	Blank	During	20134	N/A	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.

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Air Sample Data Chain of Custody

Page 2 of 3

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax (212) 592-6964 (FAX)

Name Analyst: **D. A.**

Date Analyzed: **7/5/02** (PCM)

Project #: **MBO - 025 AB**

Date: **07.03.02**

Technician: **B. Bitman**

Signature: **B. Bitman**

Rotometer: **R 0901**

TURN AROUND TIME:

TLL FIELD OFFICE FAX:- (212) 312-2147 (FAX)										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: /CG S/CCP /mm ² /m	RESULTS: /CG S/CCP /mm ² /m
908	4	16 th floor in side air lock		1814	2714	240	5/5	1200	20123	2.5/100	<0.0023	
909		↓ out side air lock		1814	2214	240	5/5	1200	20124	2/100	<0.0023	
910		Person Decon		1825	2235	250	5/5	1250	20125	4.5/100	<0.0022	
911	✓	W. side Decon.		1825	2735	250	5/5	1250	20126	2.5/100	<0.0022	
912	4	10 th floor in side air lock		1830	2220	230	5/5	1150	20127	5/100	<0.0023	
913		↓ out side air lock		1830	2220	230	5/5	1150	20128	2/100	<0.0023	
914		11 th floor in side air lock		1832	2722	230	5/5	1150	20129	9.5/100	0.0041	
915		↓ out side of air lock		1832	2222	230	5/5	1150	20130	3/100	<0.0023	
916		12 th floor in side air lock		1834	2224	230	5/5	1150	20131	5.5/100	0.0023	
917	✓	↓ out side air lock		1834	2224	230	5/5	1150	20132	3.5/100	<0.0023	
918		Blank					—	—	20133	0/100	—	
919		Blank					—	—	20134	0/100	—	

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE CODES:	1 - Ambient	2 - Background	3 - Pre-Test
<i>Bitman</i>	07.03	<i>D. A.</i>	7/5/02 8:50	4 - During	5 - Final	6 - Personal/OSHA	
IWA: 1 INSIDE WORK AREA							

**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:** 07/08/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/09/02**Analysis Date:** 07/09/02**Analyst:** M. Stein**Sample Location** The Millenium Hilton
55 Chruch Street
New York, New York**Analytical** NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
920	10th floor inside air lock	During	20399	1300	.003
921	10th floor outside air lock	During	20400	1300	<.0021
922	11th floor inside air lock	During	20401	1300	.0038
923	11floor outside air lock	During	20402	1300	.0064
924	12th floor inside air lock	During	20403	1300	.0047
925	12th floor outside air lock	During	20404	1300	.0041
926	person decon	During	20405	1200	.0061
927	Waste Decon	During	20406	1200	.0041
928	10th floor inside air lock	During	20407	1200	.0075
929	10th floor outside air lock	During	20408	1200	.0065
930	11th floor inside air lock	During	20409	1200	<.0022
931	11th floor outside air lock	During	20410	1200	.0027

* Limit of quantitation based on volume of air collected and 5.5 f/100.flds 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 - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: (212) 592-6964 (FAX)

PCN

Date Analyzed: 7/9/02 Analyst: [Signature]

Project #: **MBO - 025 AB**

Date: 07.08.02

Technician: B. Gitman

Signature: B. Gitman

Rotometer: R 0901

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY										RESULTS: FIBERS/CC		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCN # TEM #	FIBERS/CC	RESULTS	RESULTS
920	4	10th floor in side air lock		1350	1810	260	5/5	1300	20399	8/100	.003	
921		↓ out side air lock		1350	1810	260	5/5	1300	20400	5/100	.0021	
922		11th floor in side air lock		1352	1812	260	5/5	1300	20401	10/100	.0038	
923		↓ out side air lock		1352	1812	260	5/5	1300	20402	17/100	.0064	
924		12th floor in side air lock		1354	1814	260	5/5	1300	20403	125/100	.0047	
925		↓ out side air lock		1354	1814	260	5/5	1300	20404	11/100	.0041	
926		Person Decon.		1400	1800	240	5/5	1200	20405	15/100	.0061	
927		Waste Decon		1400	1800	240	5/5	1200	20406	10/100	.0041	
928	4	10th floor in side air lock		1810	2220	250	5/5	1250	20407	19/100	.0075	
929		↓ out side air lock		1810	2220	250	5/5	1250	20408	16.5/100	.0065	
930		11th floor in side air lock		1812	2222	250	5/5	1250	20409	4/100	<.0022	
931	↓	↓ out side air lock		1812	2222	250	5/5	1250	20410	7/100	.0027	

Relinquished by (signature): <u>B. Gitman</u>	Date/Time: <u>07.08</u>	Received by (signature): <u>D. Argent</u>	Date/Time: <u>7/9/02 9:40</u>
SAMPLE 1 - Ambient		SAMPLE 2 - Background	
CODES: 4 - During		5 - Final	
IWA: 1 INSIDE WORK AREA		3 - Pre-Test	
		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: 07/08/02

Project #: MBO-025AB

Date Rec'd (lab): 07/09/02

Analysis Date: 07/09/02

Analyst: M.Stein

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

Analytical Method: NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
932	12th floor inside air lock	During	20411	1250	.0031
933	12th floor outside air lock	During	20412	1250	.0051
934	person decon	During	20413	1350	<.0020
935	waste decon	During	20414	1350	.0027
936	Blank	During	20415	N/A	N/A
937	Blank	During	20416	N/A	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 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

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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:** 07/09/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/10/02**Analysis Date:** 07/10/02**Analyst:** D McCarl

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

Analytical NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
938	Person Decon	During	20610	1200	<.0023
939	Waste Decon	During	20611	1200	.0045
940	10th floor inside airlock	During	20612	1200	.0041
941	10th floor outside airlock	During	20613	1200	<.0023
942	11th floor outside air lock	During	20614	1200	.0067
943	11th floor outside air lock	During	20615	1200	.0049
944	12th floor inside air lock	During	20616	1200	.0031
945	12th floor outside air lock	During	20617	1200	.0041
946	Person Decon	During	20618	1350	<.0020
947	Waste Decon	During	20619	1350	.0024
948	8th floor inside airlock	During	20620	1250	.0106
949	8th floor outside airlock	During	20621	1250	.0122

* 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: 07/09/02

Project #: MBO-025AB

Date Rec'd (lab): 07/10/02

Analysis Date: 07/10/02

Analyst: D McCarl

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
950	9th floor inside air lock	During	20622	1250	.0073
951	9th floor outside air lock	During	20623	1250	.0047
952	Blank	During	20624	N/A	N/A
953	Blank	During	20625	N/A	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

Air Sample Data Chain of Custody

Page 2 of 7

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Name Tel/Fax

Date Analyzed: 7/10/02 Analyst: [Signature]

(PCM)

TLL FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: **MBO - 025 AB**

Date: 07.09

Technician: B. Bitman

Signature: [Signature]

Rotometer: R 0901

TURNAROUND TIME:

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 #	FIBERS/ FIELDS	RESULTS /cc /s/cc /mm /s/m
950	4	9th floor in side air loc	1812	2222	250	5/5	1250		20622	18.5/100	0.0073
951	1	out side air loc	1812	2222	250	5/5	1250		20623	12/100	0.0047
952		Blank							206224	1	
953		Blank							20624	0/100	
									20625	0/100	
										1	
										1	
										1	
										1	
										1	
										1	
										1	
										1	
										1	

Relinquished by (signature): <u>[Signature]</u>	Date/Time: <u>07.09</u>	Received by (signature): <u>D. Arca</u>	Date/Time: <u>7/10/02 12:40</u>
SAMPLE		1 - Ambient	2 - Background
CODES:		4 - During	5 - Final
IWA:		INSIDE WORK AREA	
		3 - Pre-Test	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: 07/10/02

Project #: MBO-025AB

Date Rec'd (lab): 07/11/02

Analysis Date: 07/11/02

Analyst: D McCarl

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
854	Person Decon	During	20795	1200	.0051
855	Waste Decon	During	20796	1200	.0043
856	8th floor inside airlock	During	20797	1200	<.0023
857	8th floor outside airlock	During	20798	1200	.0029
858	9th floor outside air lock	During	20799	1200	.0053
859	9th floor outside air lock	During	20800	1200	.0074
860	lobby inside air lock	During	20801	1200	.0108
861	lobby ououtside air lock	During	20802	1200	.0090
862	Person Decon	During	20803	1300	<.0021
863	Waste Decon	During	20804	1300	<.0021
864	8th floor inside airlock	During	20805	1200	.0010
865	8th floor outside airlock	During	20806	1200	.0100

* 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

TESTWELL LABORATORIES, INC.

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

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE ROYTS (212) 592-6264 (FAX)

Company Tel/Fax

Date Analyzed: 7/11/02 Analyst: [Signature]

Project #: MBO - 025 AB

Date: 07.10.02

Technician: B. Bitman

Signature: [Signature]

Rotometer: R 0901

TURN AROUND TIME:

ANALYSIS: LABORATORY USE ONLY										RESULTS	
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 /cc /sqm
954	✓	Person Decor		1410	1810	240	5/5	1200	20795	12.5/100	0.0051
955	✓	Waste Decor		1410	1810	240	5/5	1200	20796	10.5/100	0.0043
956	✓	8th floor in side air lock		1415	1815	240	5/5	1200	20797	4.5/100	0.0023
957	✓	↓ outside air lock		1415	1815	240	5/5	1200	20798	7/100	0.0029
958	✓	9th floor in side air lock		1417	1817	240	5/5	1200	20799	13/100	0.0053
959	✓	↓ outside air lock		1417	1817	240	5/5	1200	20800	18/100	0.0074
960	✓	Lobby in side air lock		1420	1820	240	5/5	1200	20801	26.5/100	0.0108
961	✓	↓ outside air lock		1420	1820	240	5/5	1200	20802	22/100	0.0090
962	✓	Person Decor		1810	2230	260	5/5	1300	20803	4/100	0.0021
963	✓	Waste Decor		1810	2230	260	5/5	1300	20804	2.5/100	0.0021
964	✓	8th floor in side air lock		1815	2215	240	5/5	1200	20805	27/100	0.0110
965	✓	↓ outside air lock		1815	2215	240	5/5	1200	20806	24.5/100	0.0100

Relinquished by (signature): [Signature] Date/Time: 07.10.

Received by (signature): [Signature] Date/Time: 7/11/02

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

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

IWA: 1 INSIDE WORK AREA


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: 07/10/02

Project #: MBO-025AB

Date Rec'd (lab): 07/11/02

Analysis Date: 07/11/02

Analyst: D. McCarl

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
966	9th floor inside air lock	During	20807	1200	.0057
967	9th floor outside air lock	During	20808	1200	.0110
968	lobby insinde air lock	During	20809	1200	.0051
969	lobby outside air lock	During	20810	1200	.0078
970	Blank	During	20811	N/A	N/A
971	Blank	During	20812	N/A	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.

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

Client: **BOVIS LEND LEASE - LMB**
 Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**
 Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**
 Report to: **MICHAEL DEANE** BOVIS
 Name: _____ Company: _____
 Date Analyzed: 7/11/02 Analyst: [Signature]
 Project #: **MBO - 025 AB**
 Date: 07.10.02
 Technician: B. Bitman
 Signature: B. Bitman
 Rotometer: R 0901
 TURNAROUND TIME: _____

TLL FIELD OFFICE FAX: (212) 312-2147 (FAX)
 TLL Field Office Tel/Fax: (212) 592-6964 (FAX)
 Tel/Fax: (PCM)

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/ FIELDS	RESULTS 1700 (s/cc) 17min (s/n)
966	✓	9th floor inside air core		1817	2217	240	5/5	1200	20807	14/100	0.0057
967	✓	✓ out side air core		1817	2217	240	5/5	1200	20808	27/100	0.0110
968	✓	lobby inside air core		1820	2220	240	5/5	1200	20809	12.5/100	0.0051
969	✓	✓ outside air core		1820	2220	240	5/5	1200	20810	19/100	0.0078
970		Blow					-	+	20811	0/100	/
971		Blow					-	-	20812	0/100	/
								-		/	
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Relinquished by (signature): B. Bitman Date/Time: 07.10
 Received by (signature): [Signature] Date/Time: 7/11/02
 SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: 4 - During 5 - Final 6 - Personal/OSHA
 IWA: 7/11-7 8 AM
 INSIDE WORK AREA


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: 07/11/02

Project #: MBO-025AB

Date Rec'd (lab): 07/12/02

Analysis Date: 07/12/02

Analyst: D Agrest

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

Analytical NIOSH 7400

Field Technician: B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
972	person decon	During	21081	2500	<.0011
973	waste decon	During	21082	2500	<.0011
974	8th floor inside air lock	During	21083	2000	.0021
975	8th floor outside air lock	During	21084	2000	.0015
976	9th floor inside air lock	During	21085	1100	.0025
977	9th floor outside air lock	During	21086	1100	.0031
978	lobby inside air lock	During	21087	2400	<.0011
979	lobby outside air lock	During	21088	2400	.0016
980	Blank	During	21089	.	N/A
981	Blank	During	21090	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: **(212) 592-6964 (FAX)**

Date Analyzed: 7/12/02 Analyst: D.A.

Project #: **MBO - 025 AB**

Date: 07/11/02

Technician: B. Bitman

Signature: B. Bitman

Rotometer: R0901

TURNAROUND TIME:

TLL FIELD OFFICE FAX:-- (212) 312-2147 (FAX)											
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCMS TEM #	FIBERS/FIELDS	RESULTS: $\mu\text{g}/\text{cc}$ / s/cc / mm^3/mi
972	4	person Decor		1410	2230	500	5/5	2500	21081	4/100	<0.0011
973		Waste Decor.		1410	2230	500	5/5	2500	21082	3/100	<0.0011
974		8 th floor in side airlock		1414	2054	400	5/5	2000	21083	8.5/100	0.0021
975		↓ out side airlock		1414	2054	400	5/5	2000	21084	6/100	0.0015
976		9 th floor in side airlock		1416	1758	220	5/5	1100	21085	5.5/100	0.0025
977		↓ out side airlock		1416	1756	220	5/5	1100	21086	7/100	0.0031
978		lobby in side airlock		1420	2220	480	5/5	2400	21087	3/100	<0.0011
979	↓	↓ out side airlock		1420	2220	480	5/5	2400	21088	8/100	0.0016
980		B Concr					—	—	21089	0/100	—
981		B Concr					—	—	21090	0/100	—
										1	
										1	

ANALYSIS: LABORATORY USE ONLY					
PCMS TEM #	FIBERS/FIELDS	RESULTS: $\mu\text{g}/\text{cc}$ / s/cc / mm^3/mi			
21081	4/100	<0.0011			
21082	3/100	<0.0011			
21083	8.5/100	0.0021			
21084	6/100	0.0015			
21085	5.5/100	0.0025			
21086	7/100	0.0031			
21087	3/100	<0.0011			
21088	8/100	0.0016			
21089	0/100	—			
21090	0/100	—			
	1				
	1				

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

IWA: INSIDE WORK AREA
OWA: OUTSIDE WORK AREA

Relinquished by (signature): B. Bitman

Date/Time: 07/11

Received by (signature): [Signature]

Date/Time: 7/12/02

Max 7/12/02

**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:** 07/12/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/13/02**Analysis Date:** 07/13/02**Analyst:** L. Chiaverini**Sample Location** The Millenium Hilton
55 Chruch Street
New York, New York**Analytical** NIOSH 7400**Field Technician:** B. Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
981	person decon	During	21304	1200	.0025
982	waste decon	During	21305	1200	.0031
983	lobby inside air lock	During	21306	1200	<.0023
984	lobby outside air lock	During	21307	1200	.0041
985	person decon	During	21308	1350	<.0020
986	waste decon	During	21309	1350	<.0020
987	lobby inside air lock	During	21310	1225	<.0022
988	lobby outside air lock	During	21088	1225	<.0022
989	Blank	During	21089	N/A	N/A
990	Blank	During	21090	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)

Name: Michael Deane Tel/Fax

Date Analyzed: 7/23/01 Analyst: [Signature]

Project #: **MB0 - 025 AB**

Date: **07/20/01**

Technician: **B. Bitman**

Signature: **B. Bitman**

Rotometer: **R 0901**

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY:			
PCM #	FIBERS/1000	RESULTS	RESULTS
21307	6	100	0.0-0.25
21308	7.1	100	0.0-0.31
21309	3	100	0.0-0.23
21310	10	100	0.0-0.41
21311	4	100	0.0-0.20
21312	1.5	100	0.0-0.20
21313	2	100	0.0-0.22
21314	3	100	0.0-0.21
21315	0	100	—
21316	0	100	—
21317	1	100	—
21318	1	100	—

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	1 - Ambient	2 - Background	3 - Pre-Test
981		Person Decor		1400	1800	240	5/5	1200			
982		Waste Decor.		1400	1800	240	5/5	1200			
983		lobby in. airborn		1410	1810	240	5/5	1200			
984		W. end air born		1410	1810	240	5/5	1200			
985		Person Decor		1800	2230	270	5/5	1350			
986		Waste Decor.		1800	2230	270	5/5	1350			
987		lobby in. air born		1810	2215	245	5/5	1225			
988		W. end air born		1810	2215	245	5/5	1225			
989		Blank					—	—			
990		Blank					—	—			

Relinquished by (signature): Bitman Date/Time: 07/23/01

Received by (signature): [Signature] Date/Time: 7/24/01

CODES: 1 - Ambient 2 - Background 3 - Pre-Test
4 - During 5 - Final 6 - Personal/OSHA
IWA: 1 INSIDE WORK AREA
OWA: 1 OUTSIDE WORK AREA

MAE 7-13-01


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: 07/15/02

Project #: MBO-025AB

Date Rec'd (lab): 07/16/02

Analysis Date: 07/16/02

Analyst: R. Yallabandi

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
991	Person Decon	During	21539	1225	0.0036
992	Waste Decon	During	21540	1225	0.0030
993	Lobby inside air lock	During	21541	1225	0.0072
994	Lobby outside air lock	During	21542	1225	0.0030
995	Person Decon	During	21543	1300	<0.0022
996	Waste Decon	During	21544	1300	<0.0022
997	Lobby inside air lock	During	21545	1250	0.0026
998	Lobby outside air lock	During	21546	1250	0.0074
999	Blank	During	21547	N/A	N/A
1000	Blank	During	21548	N/A	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.****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:** 07/16/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/16/02**Analysis Date:** 07/18/02**Analyst:** R. Yallabandi

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400**Field Technician:** B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1001	Personal Decon	During	21919	1250	0.0031
1002	Waste Decon	During	21920	1250	0.0045
1003	Lobby inside air lock	During	21921	1225	<0.0022
1004	Lobby outside air lock	During	21922	1225	0.0056
1005	Personal Decon	During	21923	1350	0.0029
1006	Waste Decon	During	21924	1350	0.0027
1007	Lobby inside air lock	During	21925	1275	0.0112
1008	Lobby outside air lock	During	21926	1275	0.0094
1009	Blank		21927	N/A	N/A
1010	Blank		21928	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: **(212) 592-6964 (FAX)**

Name: Michael Deane

Date Analyzed: 7/18/02 Analyst: [Signature]

Turnaround Time: (PCM)

Project #: **MBO - 025 AB**

Date: 07/16/02

Technician: B. Bitman

Signature: [Signature]

Rotometer: R 0901

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY											
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCB # TEM #	FIBERS/CC FIELDS	RESULTS
1001	4	Pezgon Decor.		1350	1800	250	5/5	1250	21919	8/1100	0.0031
1002		Waste Decor.		1350	1800	250	5/5	1250	21920	11.5/1100	0.0045
1003		Lobby in side air lock		1400	1800	240	5/5	1225	21921	2/1100	<0.0022
1004	✓	dr. out side air lock		1400	1800	240	5/5	1225	21922	14/1100	0.0056
1005	4	Pezgon Decor		1800	2230	270	5/5	1350	21923	8/1100	0.0029
1006		Waste Decor		1800	2230	270	5/5	1350	21924	7.9/1100	0.0027
1007		Lobby in side air lock		1800	2220	255	5/5	1275	21925	29/1100	0.0112
1008	✓	dr. out side air lock		1800	2220	255	5/5	1275	21926	24.9/1100	0.0094
1009		F Blank					0/0	—	21927	0/1100	—
1010		F Blank					0/0	—	21928	0/1100	—
										1	
										1	

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE	1 - Ambient	2 - Background	3 - Pre-Test
<u>[Signature]</u>	<u>07/16/02</u>	<u>D. Argent</u>	<u>7/18/02 10:30</u>	CODES:	4 - During	5 - Final	6 - Personal/OSHA
				IWA: 1	INSIDE WORK AREA		

**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:** 07/17/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/18/02**Analysis Date:** 07/16/02**Analyst:** R. Yallabandi**Sample Location** The Millenium Hilton
55 Chruch Street
New York, New York 10007**Analytical** NIOSH 7400**Field Technician:** B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1011	Personal Decon	During	21929	1250	0.0026
1012	Waste Decon	During	21930	1250	<0.0022
1013	Lobby inside air lock	During	21931	1225	0.0272
1014	Lobby outside air lock	During	21932	1225	<0.0022
1015	Personal Decon	During	21933	1350	0.0027
1016	Waste Decon	During	21934	1350	0.0022
1017	Lobby inside air lock	During	21935	1250	0.0302
1018	Lobby outside air lock	During	21936	1250	0.0026
1019	Blank	During	21937	N/A	N/A
1020	Blank	During	21938	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Tel/Fax

Date Analyzed: 7/18/02 Analyst: *[Signature]*

TII FIELD OFFICE FAX: (212) 312-2147 (FAX)

Project #: MBO - 025 AB

Date: 07/17/02

Technician: B. Bitman

Signature: *[Signature]*

Rotometer: R0901

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY									
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	RESULTS: FIBERS/FIELDS
1011	4	Person Decor		1350	1800	250	5/5	1250	65/100 0.0026
1012		Waste Decor		1350	1800	250	5/5	1250	4/100 <0.0022
1013		Lobby inside airlock		1400	1805	245	5/5	1225	68/100 0.00267
1014	V	out side airlock		1400	1805	245	5/5	1225	35/100 0.00272
1015	4	Person Decor		1800	2230	270	5/5	1350	75/100 0.0027
1016		Waste Decor		1800	2230	270	5/5	1350	6/100 0.0022
1017		Lobby inside airlock		1805	2215	250	5/5	1250	77/100 0.0302
1018	V	out side airlock		1805	2215	250	5/5	1250	65/100 0.0026
1019		Blank					—	—	0/100 —
1020		Blank					—	—	0/100 —
									1/ —
									1/ —

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE	1 - Ambient	2 - Background	3 - Pre-Test
Bitman	07/17	D. Agost	7/18/02 10:35	CODES:	4 - During	5 - Final	6 - Personal/OSHA
IWA: INSIDE WORK AREA							

[Signature] 7-18-2
 7/18/02



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: 07/18/02

Project #: MBO-025AB

Date Rec'd (lab): 07/18/02

Analysis Date: 07/19/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1021	Personal Decon	During	22065	1200	0.0061
1022	Waste Decon	During	22066	1200	0.0051
1023	Lobby inside air lock	During	22067	1175	0.0094
1024	Lobby outside air lock	During	22068	1175	<0.0023
1025	Personal Decon	During	22069	1350	0.0033
1026	Waste Decon	During	22070	1350	0.0024
1027	Lobby inside air lock	During	22071	1250	0.0112
1028	Lobby outside air lock	During	22072	1250	0.0031
1029	Blank	During	22073	N/A	N/A
1030	Blank	During	22074	N/A	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.

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Air Sample Data Chain of Custody Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax (212) 592-6964 (FAX)

Name

Date Analyzed: 7/19/02 Analyst: D.A.

TURNAROUND TIME: (PCM)

Project #: **MBO - 025 AB**

Date: 6/18/02

Technician: B. Gitman

Signature: B. Gitman

Rotometer: A0901

TURNAROUND TIME:

ANALYSIS: LABORATORY USE ONLY										RESULTS: (S/C) (M/L) (S)		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	PCM # TEM #	FIBERS/1000	RESULTS	RESULT
1021	4	Person Decor.		1400	1800	240	5/5	1200	220665	15'100	0.0061	
1022		Waste Decor.		1400	1800	240	5/5	1200	220666	12.5'100	0.0051	
1023		Lobby, in side air lock		1410	1805	235	5/5	1175	220667	22.5'100	0.0094	
1024		↓ out side air lock		1410	1805	235	5/5	1175	220668	5'100	20.0023	
1025		Person Decor		1800	2230	270	5/5	1350	220669	9'100	0.0033	
1026		Waste Decor.		1800	2230	270	5/5	1350	220670	6.5'100	0.0024	
1027		Lobby, in side air lock		1805	2215	250	5/5	1250	220671	28.5'100	0.0112	
1028		↓ out side air lock		1805	2215	250	5/5	1250	220672	8'100	0.0031	
1029		Blank					—	—	220673	0'100	—	
1030		Blank					—	—	220674	0'100	—	
										1		
										1		

SAMPLE 1 - Ambient 2 - Background 3 - Pre-Test
 CODES: 4 - During 5 - Final 6 - Personal/OSHA
 IWA: INSIDE WORK AREA
 OWA: OUTSIDE WORK AREA

Relinquished by (signature): B. Gitman Date/Time: 07.18.
 Received by (signature): M. Deane Date/Time: 7/19/02


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: 07/19/02

Date Rec'd (lab): 07/20/02

Project #: MBO-025AB

Analysis Date: 07/22/02

Analyst: M. Benderson

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1031	Person Decon	During	22284	1250	0.0035
1032	Waste Decon	During	22285	1250	0.0018
1033	Level C, N-E Section, Inside Airlock	During	22286	1250	0.0027
1034	Level C, N-E Section, Outside Airlock	During	22287	1250	0.0031
1035	Person Decon	During	22288	1300	<0.0021
1036	Waste Decon	During	22289	1300	<0.0021
1037	Level C, N-E Section, Inside Airlock	During	22290	1200	0.0026
1038	Level C, N-E Section, Outside Airlock	During	22291	1200	0.0015
1039	Blank	During	22292	N/A	N/A
1040	Blank	During	22293	N/A	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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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: 07/22/02

Project #: MBO-025AB

Date Rec'd (lab): 07/22/02

Analysis Date: 07/23/02

Analyst: C. Agrest

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1041	Personal Decon	During	22441	1200	0.0031
1042	Waste Decon	During	22442	1200	0.0057
1043	Level C N-East inside air lock	During	22443	1200	< 0.0023
1044	Level C N-East outside air lock	During	22444	1200	<0.0023
1045	Personal Decon	During	22445	1350	< 0.0020
1046	Waste Decon	During	22446	1350	0.0029
1047	Level C N-East inside air lock	During	22447	900	0.0035
1048	Level C N-East outside air lock	During	22448	900	0.0054
1049	Blank	During	22449	N/A	N/A
1050	Blank	During	22450	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company

(212) 592-6964 (FAX)

Tel/Fax

Date Analyzed: 7/23/02 Analyst: D.A.

Project #: **MBO - 025 AB**

Date: 07/22/02

Technician: B. Bitman

Signature: B. Bitman

Rotometer: R0901

TURNAROUND TIME:

T.I.I. FIELD OFFICE FAX:- (212) 312-2147 (FAX)									
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY
									PCB # TEM # FIBERS/FIELDS RESULTS: /cc /cc /m3
1041	4	Person Decan.		1400	1800	240	5/5	1200	22441 7.5/100 0.0031
1042		Waste Decan.		1400	1800	240	5/5	1200	22442 14/100 0.0057
1043		Level c N-East in side air loc		1405	1805	240	5/5	1200	22443 5/100 0.0023
1044	V	↓ outside air loc		1405	1805	240	5/5	1200	22444 4.5/100 0.0023
1045	4	Person Decan		1800	2230	270	5/5	1350	22445 4/100 0.0020
1046		Waste Decan.		1800	2200	270	5/5	1350	22446 8/100 0.0029
1047		Level c N-East zone in side air loc		1805	2105	180	5/5	900	22447 6.5/100 0.0035
1048	V	↓ out side of air loc		1805	2105	180	5/5	900	22448 10/100 0.0054
1049		Bloom							22449 0/100 -
1050		Bloom							22450 0/100 -

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE CODES:	1 - Ambient	2 - Background	3 - Pre-Test
<u>B. Bitman</u>	<u>07/22/02</u>	<u>D. Agent</u>	<u>7/23/02 9:35</u>				
<u>Rev 7.73.2</u>							

IWA: INSIDE WORK AREA



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: 07/23/02

Project #: MBO-025AB

Date Rec'd (lab): 07/23/02

Analysis Date: 07/24/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1051	Personal Decon	During	22556	1250	< 0.0022
1052	Waste Decon	During	22557	1250	0.0027
1053	Level C West Section inside air lock	During	22558	1225	0.0026
1054	Level C West Section outside air lock	During	22559	1225	< 0.0022
1055	Personal Decon	During	22560	1350	< 0.0020
1056	Waste Decon	During	22561	1350	< 0.0020
1057	Level C West Section inside air lock	During	22562	1250	0.0041
1058	Level C West Section outside air lock	During	22563	1250	0.0024
1059	Blank	During	22564	N/A	N/A
1060	Blank	During	22565	N/A	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.

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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: 07/24/02

Project #: MBO-025AB

Date Rec'd (lab): 07/25/02

Analysis Date: 07/25/02

Analyst: M.Benderson

Sample Location The Millenium Hilton

55 Chruch Street

New York, New York

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02_PCM #	Volume	Concentration f/cc
1061	Personal Decon	During	22690	1250	<.0022
1062	Waste Decon	During	22691	1250	<.0022
1063	Level C west section inside airlock	During	22692	1250	<.0022
1064	Level C west section outside airlock	During	22693	1250	<.0022
1065	Personal Decon	During	22694	1325	<.0022
1066	Waste Decon	During	22695	1325	<.0022
1067	Level C west section inside airlock	During	22696	1250	<.0022
1068	Level C west section outside airlock	During	22697	1250	.0022
1069	Blank	Blank	22698	0	N/A
1070	Blank	Blank	22699	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS (212) 592-6964 (FAX)
Name Company Tel/Fax

Date Analyzed: 7/25 Analyst: [Signature]

Project #: **MBO - 025 AB**

Date: 07.24.02

Technician: B. Bitman

Signature: [Signature]

Rotometer: R 0901

TURNAROUND TIME:

TLL FIELD OFFICE FAX:- (212) 312-2147 (FAX)

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 #	FIBERS/500 FIELDS	RESULTS: 1/cc (3/cc) /muft 3/mi
1061	4	person Decon		1355	1805	230	5/5	1250	22690	2/100	4.0022
1062	1	Waste Decon.		1355	1805	250	5/5	1250	22691	2/100	4.0022
1063	1	Level C. West section in side airlock		1400	1810	250	5/5	1250	22692	4/100	4.0022
1064	1	↓ outside airlock		1400	1810	250	5/5	1250	22693	2/100	4.0022
1065	4	person Decon		1805	2230	265	5/5	1325	22694	2/100	4.0020
1066	1	Waste Decon		1805	2230	265	5/5	1325	22695	1/100	4.0020
1067	1	Level C. West section in side airlock		1810	2220	250	5/5	1250	22696	4/100	4.0022
1068	1	↓ outside airlock		1810	2220	250	5/5	1250	22697	5.5/100	4.0022
1069		Explain							22698	0/100	N/A
1070		F. Blank.							22699	0/100	N/A
										1	
										1	

Relinquished by (signature): <u>B. Bitman</u>	Date/Time: <u>07.24</u>	Received by (signature): <u>D. Agent</u>	Date/Time: <u>7/25/02</u>	9:10
SAMPLE: 1 - Ambient		2 - Background		3 - Pre-Test
CODES: 4 - During		5 - Final		6 - Personal/OSHA
IWA: INSIDE WORK AREA				



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: 07/25/02

Project #: MBO-025AB

Date Rec'd (lab): 07/26/02

Analysis Date: 07/26/02

Analyst: M. Benderson

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1071	Person Decon	During	22813	1200	<0.0023
1072	Waste Decon	During	22814	1200	<0.0023
1073	Level C, West Section, Inside Airlock	During	22815	1200	<0.0023
1074	Level C, West Section, Outside Airlock	During	22816	1200	0.0037
1075	Person Decon	During	22817	1350	<0.0020
1076	Waste Decon	During	22818	1350	<0.0020
1077	Level C, West Section, Inside Airlock	During	22819	1250	0.0031
1078	Level C, West Section, Outside Airlock	During	22820	1250	<0.0022
1079	Blank	During	22821	N/A	N/A
1080	Blank	During	22822	N/A	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 - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: **(212) 592-6964 (FAX)**

Name: **Meridith Baden**

Date Analyzed: **7/24/02** Analyst: **Meridith Baden**

(PCM)

TEL FIELD OFFICE FAX:-- (212) 312-2147 (FAX)

Air Sample Data Chain of Custody

Page 1 of 1

Project #: **MBO - 025 AB**

Date: **07-25-02**

Technician: **B. Bitman**

Signature: **B. Bitman**

Rotometer: **R0901**

TURNAROUND TIME:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY			
									Q2 PCM #	FIBERS/CM ² FIELDS	RESULTS (f/cc)	RESULTS (f/min)
1071		Person Decor		1400	1800	240	5/5	1200	22813	1/100	2.0023	
1072		Waste Decor.		1400	1800	240	5/5	1200	22814	3/100	2.0023	
1073		Level c. West zone in side area		1405	1805	240	5/5	1200	22815	4/100	2.0023	
1074		Front side airlock		1405	1805	240	5/5	1200	22816	7/100	2.0037	
1075		Person Decor		1800	2230	270	5/5	1350	22817	1/100	2.0020	
1076		Waste Decor		1800	2230	270	5/5	1350	22818	5/100	2.0020	
1077		Level c. West section in side area		1805	2215	250	5/5	1250	22819	8/100	2.0031	
1078		Front side airlock		1805	2215	250	5/5	1250	22820	4/100	2.0022	
1079		F. Blank					—	—	22821	0/100	N/A	
1080		F. Blank					—	—	22822	0/100	N/A	
										1		
										1		

Received by (signature): **B. Bitman** Date/Time: **07.25.**

Received by (signature): **D. Agent** Date/Time: **7/26/02 9:45**

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

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

IWA: INSIDE WORK AREA

OWA: OUTSIDE WORK AREA

Has 7-28-2

**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:** 07/29/02**Project #:** MBO-025AB**Date Rec'd (lab):** 07/30/02**Analysis Date:** 07/30/02**Analyst:** R. Yallabandi**Sample Location** The Millenium Hilton
55 Chruch Street
New York, New York 10007**Analytical** NIOSH 7400**Field Technician:** B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1091	Person Decon	During	23203	1250	0.0039
1092	Waste Decon	During	23204	1250	0.0043
1093	3rd floor kitchen inside air lock	During	23205	1225	0.0025
1094	3rd floor kitchen outside air lock	During	23206	1225	<0.0023
1095	Person Decon	During	23207	1350	0.0027
1096	Waste Decon	During	23208	1350	0.0029
1097	3rd floor kitchen inside air lock	During	23209	1250	<0.0023
1098	3rd floor kitchen outside air lock	During	23210	1250	<0.0023
1099	Blank	During	23211	N/A	N/A
1100	Blank	During	23212	N/A	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.

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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: 07/30/02

Project #: MBO-025AB

Date Rec'd (lab): 07/30/02

Analysis Date: 07/31/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1101	Personal Decon	Ambient	23257	1200	0.0025
1102	Waste Decon	Ambient	23258	1200	0.0041
1103	2nd Floor inside air lock	Ambient	23259	600	0.0106
1104	2nd Floor outside air lock	Ambient	23260	600	0.0127
1105	Personal Decon	Ambient	23261	600	< 0.0045
1106	Waste Decon	Ambient	23262	600	0.0065
1107	Blank	Ambient	23263	N/A	N/A
1108	Blank	Ambient	23264	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: **(212) 592-6964 (FAX)**

Date Analyzed: **7/31/02** Analyst: **D. A.**

Project #: **MBO - 025 AB**

Date: **07.30.02**

Technician: **B. Gitman**

Signature: **B. Gitman**

Rotometer: **R 0901**

TURNAROUND TIME:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
									O2 PCM # TEM #	FIBERS/5 FIELDS	RESULTS PER 1000 FIBERS
1101		Person Decor		1400	1800	240	5/5	1200	23257	6 / 100	0.0025
1102		Waste Decor		1400	1800	240	5/5	1200	23258	10 / 100	0.0041
1103		2nd floor in side air box		1405	1605	120	5/5	600	23259	13 / 100	0.0106
1104		↓ out side air box		1405	1605	120	5/5	600	23260	15.5 / 100	0.0127
1105		Person Decor		1800	2000	120	5/5	600	23261	5 / 100	0.0045
1106		Waste Decor		1800	2000	120	5/5	600	23262	8 / 100	0.0065
1107		Blank					—	—	23263	0 / 100	—
1108		Blank					—	—	23264	0 / 100	—
										1	
										1	
										1	
										1	

Relinquished by (signature): B. Gitman Date/Time: 07.30

Received by (signature): D. A. Gitman Date/Time: 7/31/02 10:30

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

IWA: INSIDE WORK AREA


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: 07/31/02

Date Rec'd (lab): 08/01/02

Project #: MBO-025AB

Analysis Date: 08/01/02

Analyst: Y. Yallabandi

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1109	Person Decon	During	23337	1250	0.0026
1110	Waste Decon	During	23338	1250	0.0043
1111	Level SC, W-South Section, Inside Airlock	During	23339	1225	<0.0020
1112	Level SC, W-South Section, Outside Airlock	During	23340	1225	<0.0020
1113	Person Decon	During	23341	1350	0.0022
1114	Waste Decon	During	23342	1350	0.0027
1115	Level SC, W-South Section, Inside Airlock	During	23343	1200	0.0049
1116	Level SC, W-South Section, Outside Airlock	During	23344	1200	0.0057
1117	Blank	During	23345	N/A	N/A
1118	Blank	During	23346	N/A	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.

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TESTWELL LABORATORIES, INC.

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

Client: BOVIS LEND LEASE - LMB

Project Site: MILLENIUM HILTON HOTEL at WTC, VARIOUS FLOORS

Project Address: 55 CHURCH STREET, NEW YORK, NY 10007

Report to: MICHAEL DEANE BOVIS (212) 592-6964 (FAX)

Date Analyzed: 8/1/02 Analyst: [Signature]

Turnaround Time: [Signature]

Project #: MBO - 025 AB

Date: 07.31.02

Technician: B Bitman

Signature: B Bitman

Rotometer: A0901

TURNAROUND TIME:

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY		
									PCB #	FIBERS/FIELD	RESULTS (f/cc)
1109	4	Person Decon		1350	1800	250	5/5	1250	23337	6.5/100	0.0026
1110		Waste Decon		1350	1800	250	5/5	1250	23338	11/100	0.0043
1111		Level sc. W-South section		1400	1805	245	5/5	1225	23339	4/100	0.0022
1112	4	Waste Decon		1400	1805	245	5/5	1225	23340	3.5/100	0.0022
1113		Person Decon		1800	2230	270	5/5	1350	23341	6/100	0.0022
1114		Waste Decon		1800	2230	270	5/5	1350	23342	7.5/100	0.0027
1115		Level sc. C-West in side air lock		1805	2205	240	5/5	1200	23343	12/100	0.0049
1116	4	Waste Decon		1805	2205	240	5/5	1200	23344	14/100	0.0057
1117		Blank							23345	0/100	-
1118		Blank							23346	0/100	-
										1	
										1	

Relinquished by (signature): [Signature] Date/Time: 07.31.02

Received by (signature): D. Agent Date/Time: 8/1/02 9:15

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

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

IWA: INSIDE WORK AREA


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: 07/31/02

Project #: MBO-025AB

Date Rec'd (lab): 08/01/02

Analysis Date: 08/01/02

Analyst: V. Binchkaukas

Sample Location The Millenium Hilton, Security Office
 55 Chruch Street
 New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1A	Inside Room	Ambient	23319	1250	0.0050
2A	Inside Room	Ambient	23320	1250	0.0121
3A	Void	Ambient	---	---	---
4A	Blank	Ambient	23321	N/A	N/A
5A	Blank	Ambient	23322	N/A	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 - LMB**
Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS, SECURITY office**
Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**
Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: **(212) 592-6964 (FAX)**

Date Analyzed: **8/01/02** Analyst: **V. Vard.** (PCM)

TEL FIELD OFFICE FAX: (212) 312-2147 (FAX)

FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	QZ PCM # TEM #	FIBERS/FIELDS	RESULTS: $\mu\text{m}/\text{cc}$ (3cc/15 min)
1A	↓	Inside room		1445	1905	260	6/6	1560	23519	18,100	0.005
2A	↓			1446	1906	260	6/6	1560	23520	389,00	0.012/
3A	↓	V. Vard.		1447						1	
4A		F. Blanks							23521	0,100	—
5A		F. Blanks							23522	0,100	—
										1	
										1	
										1	
										1	
										1	
										1	
										1	
										1	

ANALYSIS: LABORATORY USE ONLY

Relinquished by (signature): **B. Bitman** Date/Time: **07/31/02**

Received by (signature): **D. Argent** Date/Time: **8/1/02 8:55**

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

IWA: INSIDE WORK AREA



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: 08/01/02

Project #: MBO-025AB

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

Analysis Date: 08/02/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
 55 Chruch Street
 New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1119	Personal Decon	During	23448	2600	0.0032
1120	Waste Decon	During	23449	2600	0.0047
1121	Level SC, West Section, Inside Airlock	During	23450	2100	0.0055
1122	Level SC, West Section, Outside Airlock	During	23451	2100	0.0051
1123	Security Office	During	23452	1900	0.0083
1124	Level SC Freight Elevator East Inside Work Area	During	23453	2300	0.0059
1125	Level SC Freight Elevator West Inside Work Area	During	23454	2300	0.0073
1126	Lobby by Freight Elevator	During	23455	2300	0.0032
1127	Level C Inside Airlock	During	23456	2150	0.0084
1128	Level C Outside Airlock	During	23457	2150	0.0033
1129	Blank	During	23458	N/A	N/A
1130	Blank	During	23459	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL & WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS
Name Company

(212) 592-6964 (FAX)
Tel/Fax

Date Analyzed: 8/2/02 Analyst: D.A.

Project #: **MBO - 025 AB**

Date: 08/01/02

Technician: B. Gitman

Signature: B. Gitman

Rotometer: R 0901

TURNAROUND TIME:

TLL FIELD OFFICE FAX:- (212) 312-2147 (FAX)										ANALYSIS: LABORATORY USE ONLY		
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	Q-PCM # TEM #	FIBERS/ST. FIELDS	RESULTS	FINAL RESULTS
1119	4	Person Decan		1350	2230	520	5/5	2600	23448	17/100	0.0032	
1120		Waste Decan		1350	2230	520	5/5	2600	23449	25/100	0.0047	
1121		Level SC. West sec in side air 2 ber		1400	2100	420	5/5	2100	23450	23.5/100	0.0055	
1122	✓	↓ outside air 2 ber		1400	2100	420	5/5	2100	23451	22/100	0.0051	
1123	4	Security office		1420	2040	380	5/5	1900	23452	32/100	0.0083	
1124		critical ↓ Level SC. freight elevator East		1425	2205	460	5/5	2300	23453	27.5/100	0.0059	
1125	✓	critical ↓ Level SC. freight elevator West		1426	2206	460	5/5	2300	23454	34/100	0.0073	
1126	✓	Lobby by freight elevator		1435	2215	460	5/5	2300	23455	15/100	0.0032	
1127		Level C in side air 2 ber		1510	2220	430	5/5	2150	23456	37/100	0.0084	
1128		↓ outside air 2 ber		1510	2220	430	5/5	2150	23457	14.5/100	0.0033	
1129		Blank					—	—	23458	0/100	—	
1130		Blank					—	—	23459	0/100	—	

Relinquished by (signature): B. Gitman Date/Time: 08/01/02

Received by (signature): [Signature] Date/Time: 8/2/02 10:50

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

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

IWA: INSIDE WORK AREA

**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:** 08/02/02**Project #:** MBO-025AB**Date Rec'd (lab):** 08/05/02**Analysis Date:** 08/05/02**Analyst:** D. McCarl

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400**Field Technician:** B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1131	Personal Decon	During	23584	1150	0.0030
1132	Waste Decon	During	23585	1150	0.0068
1133	Level SC, West Section, Inside Airlock	During	23586	1150	0.0079
1134	Level SC, West Section, Outside Airlock	During	23587	1150	0.0077
1135	Personal Decon	During	23588	850	0.0038
1136	Waste Decon	During	23589	850	< 0.0032
1137	Level SC, West Section, Inside Airlock	During	23590	850	0.0107
1138	Level SC, West Section, Outside Airlock	During	23591	850	0.0150
1139	Personal Decon	During	23592	600	< 0.0045
1140	Waste Decon	During	23593	600	< 0.0045
1141	Level SC, West Section, Inside Airlock	During	23594	600	0.0180
1142	Level SC, West Section, Outside Airlock	During	23595	600	0.0217

* 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 LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax: **(212) 592-6964 (FAX)**

Date Analyzed: 8/5/02 Analyst: [Signature]

Project #: **MBO - 025 AB**

Date: **08.02.02**

Technician: **B Gitman**

Signature: **B Gitman**

Rotometer: **R 0901**

TURNAROUND TIME:

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/500 CM ²	RESULTS: FIBERS/500 CM ²
1131	✓	Person Decon		0630	1040	230	5/5	1150	23584	71/100	0.0030
1132		Waste Decon		0630	1040	230	5/5	1150	23585	161/100	0.0068
1133		Level sec. west section in side air lock		0630	1045	230	5/5	1150	23586	185/100	0.0079
1134	✓	Outside air lock		0655	1045	230	5/5	1150	23587	181/100	0.0077
1135	✓	Person Decon		1040	1330	170	5/5	850	23588	651/100	0.0038
1136		Waste Decon		1040	1330	170	5/5	850	23589	41/100	0.0032
1137		Level sec. west sec. in side air lock		1045	1335	170	5/5	850	23590	185/100	0.0107
1138	✓	Outside air lock		1045	1335	170	5/5	850	23591	261/100	0.0150
1139	✓	Person Decon		1330	1530	120	5/5	600	23592	31/100	0.0045
1140		Waste Decon		1330	1530	120	5/5	600	23593	451/100	0.0045
1141		Level sec. west sec. in side air lock		1335	1535	120	5/5	600	23594	221/100	0.0180
1142	✓	Outside air lock		1335	1535	120	5/5	600	23595	265/100	0.0217

Relinquished by (signature): B Gitman	Date/Time: 08.02.	Received by (signature): [Signature]	Date/Time: 8/5/02
SAMPLE CODES: 1 - Ambient		2 - Background	
3 - Pre-Test		4 - During	
5 - Final		6 - Personal/OSHA	
IWA: 1 'INSIDE WORK AREA'			



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: 08/02/02

Project #: MBO-025AB

Date Rec'd (lab): 08/05/02

Analysis Date: 08/05/02

Analyst: D. McCarl

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1143	Blank	During	23596	N/A	N/A
1144	Blank	During	23597	N/A	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.

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NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 08/05/02

Project #: MBO-025AB

Date Rec'd (lab): 08/07/02

Analysis Date: 08/07/02

Analyst: A. Sokol

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1145	Personal Decon	During	23770	2550	< 0.0011
1146	Waste Decon	During	23771	2550	0.0013
1147	Blank	During	23772	N/A	N/A
1148	Blank	During	23773	N/A	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.

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NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 08/06/02

Project #: MBO-025AB

Date Rec'd (lab): 08/07/02

Analysis Date: 08/07/02

Analyst: A. Sokol

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1149	Personal Decon	During	23764	2550	< 0.0011
1150	Waste Decon	During	23765	2550	0.0014
1151	2nd floor security office inside airlock	During	23766	2325	0.0023
1152	2nd floor security office outside airlock	During	23767	2325	0.0020
1153	Blank	During	23768	N/A	N/A
1154	Blank	During	23769	N/A	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.

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Air Sample Data Chain of Custody

Page 1 of

Client: **BOVIS LEND LEASE - LMB**

Project Site: **MILLENNIUM HILTON HOTEL @ WTC, VARIOUS FLOORS**

Project Address: **55 CHURCH STREET, NEW YORK, NY 10007**

Report to: **MICHAEL DEANE** BOVIS Company Tel/Fax (212) 592-6964 (FAX)

Date Analyzed: 08/07/02 Analyst: MSL

(PCM)

Project #: **MBO - 025 AB**

Date: 08/06/02

Technician: B. Bitman

Signature: B. Bitman

Rotometer: R0901

TURNAROUND TIME:

TLL FIELD OFFICE FAX: (212) 312-2147 (FAX)										ANALYSIS: LABORATORY USE ONLY			
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	QPC#	FIBERS/FIELD	RESULTS	TEST RESULTS	
1149	4	Person Decor		0700	1530	510	5/5	2550	23764	1	24211		
1150		Waste Decor.		0700	1530	510	5/5	2550	23765	1	01014		
1151		2nd floor security off.		0715	1500	465	5/5	2325	23766	1	01023		
1152		1st floor security off.		0715	1500	465	5/5	2325	23767	1	01020		
1153		Blank							23768	0	010	P/A	
1154		Blank							23769	0	015	P/A	
										1			
										1			
										1			
										1			
										1			
										1			
										1			
										1			
										1			

Relinquished by (signature): Blatman

Date/Time: 08.06

Received by (signature): Myers

Date/Time: 8/7/02

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA

INSIDE WORK AREA



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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: 08/07/02

Project #: MBO-025AB

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

Analysis Date: 08/08/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1155	Personal Decon	During	23897	2525	< 0.0011
1156	Waste Decon	During	23898	2525	< 0.0011
1157	Blank	During	23899	N/A	N/A
1158	Blank	During	23900	N/A	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.

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NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 08/08/02

Project #: MBO-025AB

Date Rec'd (lab): 08/09/02

Analysis Date: 08/09/02

Analyst: M. Benderson

Sample Location The Millenium Hilton
 55 Chruch Street
 New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1159	Personal Decon	During	24042	2550	0.0019
1160	Waste Decon	During	24043	2550	0.0013
1161	Blank	During	24044	N/A	N/A
1162	Blank	During	24045	N/A	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.

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1 CIVIL 101



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NYS ELAP # 11142

NVLAP # 200083-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 08/09/02

Project #: MBO-025AB

Date Rec'd (lab): 08/10/02

Analysis Date: 08/10/02

Analyst: M. Benderson

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1163	Personal Decon	During	24113	2525	< 0.0011
1164	Waste Decon	During	24114	2525	0.0017
1165	Blank	During	24115	N/A	N/A
1166	Blank	During	24116	N/A	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.

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

Client: U. M. S.

Project Site: Var 7103. Location

Project Address: M. H. L. for Motel. NY, NY.

Report to: M. Dearle, Bovis (212) 592-6969
Name: _____
Company: _____
Address: _____
City: _____
State: _____
Zip: _____
Telephone: _____
Fax: _____
E-mail: _____
Project Number: _____
Project Name: _____

Company

Date Analyzed: 8/16/02 Analyst: M.B.

~~PCM or TEM~~

ANALYSIS: LABORATORY USE ONLY

[illegible]

Relinquished by (signature): R. G. G. G.	Date/Time: 08.09.	Received by (signature): [Signature]	Date/Time: 8/10/02	SAMPLE: 1 - Ambient 2 - Background 3 - Pre-Test CODES: 4 - During 5 - Final 6 - Personal/OSHA
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9:15 a.m.



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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: 8/12/02

Project #: MBO-025AB

Date Rec'd (lab): 8/13/02

Analysis Date: 8/13/02

Analyst: R. Yallabandi

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1166	Personal Decon	During	24279	2500	< 0.0011
1167	Waste Decon	During	24280	2500	0.0017
1168	Blank	During	24281	N/A	N/A
1169	Blank	During	24282	N/A	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 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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: BovisProject Site: M. H. L. form. Hotel, NY NYProject Address: BovisReport to: M. Deane

Name

Company

Date Analyzed: 8/13/02Analyst: JK

PCN or TEM

Project #: M30-025 ANDate: 08.12.02Technician: B. L. L. L.Signature: B. L. L. L.Rotometer: R 0901

ANALYSIS: LABORATORY USE ONLY									
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP #	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	ANALYSIS: LABORATORY USE ONLY
1166	4	Person Decon		1410	2230	500	5/5	2500	24277 TEM # 551100 RESULTS: f/cc s/cc 0.0011 RESULTS: f/mm ² s/mm ²
1167	↓	Waste Decon		1410	2230	500	5/5	2500	24280 TEM # 61100 RESULTS: f/cc s/cc 0.0012 RESULTS: f/mm ² s/mm ²
1168		Blank					-	-	24281 TEM # 01100 RESULTS: f/cc s/cc - RESULTS: f/mm ² s/mm ²
1169		Blank					-	-	24282 TEM # 01100 RESULTS: f/cc s/cc - RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²
									TEM # 1 RESULTS: f/cc s/cc RESULTS: f/mm ² s/mm ²

Relinquished by (signature): B. L. L. L.Date/Time: 08/12Received by (signature): D. AgrestDate/Time: 8/13/02 10:40

SAMPLES:

1 - Ambient

2 - Background

3 - Pre-Test

4 - During

5 - Final

6 - Personal/OSHA

Agrest
8-13-02

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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: 08/13/02

Project #: MBO-025AB

Date Rec'd (lab): 08/14/02

Analysis Date: 08/14/02

Analyst: R. Yallabandi

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1170	Personal Decon	During	24366	2400	< 0.0011
1171	Waste Decon	During	24367	2400	0.0017
1172	Blank	During	24368	N/A	N/A
1173	Blank	During	24369	N/A	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 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.

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Air Sample Data Chain of Custody

Page 1 of 1

Client: Boris

Project Site: M. Hilton Hotel NY NY

Project Address: M. Deane

Report to: M. Deane

Name

Date Analyzed: 8/14/02

Analyst: [Signature]

Company

Tel/Fax

☒ PC or TEM

Project #:

Date:

Technician:

Signature:

Rotometer:

M 130-025413

08/13/02

B. Deane

B. Deane

R 0901

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/mm ²
1170	4	Person Decor		1415	2215	480	5/5	2400	24366	3/1000	0.0011	
1171	4	Waste Decor		1415	2215	480	5/5	2400	24367	75/1000	0.0015	
1172		Blank							24368	0/1000	-	
1173		Blank							24369	0/1000	-	
										1		
										1		
										1		
										1		
										1		
										1		
										1		
										1		
										1		
										1		
										1		

Refinquired by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLE CODES:	1 - Ambient	2 - Background	3 - Pre-Test
<u>B. Deane</u>	<u>08/13</u>	<u>D. Agent</u>	<u>8/14/02 10:30</u>				

Flex 8.14.2 10:10


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47 Hudson Street, Ossining, New York 10562

NYS ELAP # 11142

NVLAP # 200383-0

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 08/14/02

Project #: MBO-025AB

Date Rec'd (lab): 08/15/02

Analysis Date: 08/15/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
 55 Church Street
 New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1174	Personal Decon	During	24461	2400	0.0012
1175	Waste Decon	During	24462	2400	0.0018
1176	Blank	During	24463	N/A	N/A
1177	Blank	During	24464	N/A	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.

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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: 08/19/02

Project #: MBO-025AB

Date Rec'd (lab): 08/22/02

Analysis Date: 08/22/02

Analyst: D. Agrest

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York 10007
Level C pits of elevator

Analytical Method: NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1178	Personal Decon	During	25096	650	< 0.0042
1179	Waste Decon	During	25097	650	< 0.0042
1180	Blank	During	25098	N/A	N/A
1181	Blank	During	25099	N/A	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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 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: 08/20/02

Project #: MBO-025AB

Date Rec'd (lab): 08/22/02

Analysis Date: 08/22/02

Analyst: D. Agrest

 Sample Location: The Millenium Hilton
 55 Church Street
 New York, New York 10007
 Level C

Analytical Method: NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1182	Personal Decon	During	25104	2400	0.0026
1183	Waste Decon	During	25105	2400	0.0020
1184	Blank	During	25106	N/A	N/A
1185	Blank	During	25107	N/A	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.

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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: 08/21/02

Project #: MBO-025AB

Date Rec'd (lab): 08/22/02

Analysis Date: 08/22/02

Analyst: D. Agrest

Sample Location: The Millenium Hilton
55 Chruch Street
New York, New York 10007
6th Floor Roof

Analytical Method: NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1186	Personal Decon	During	25108	2450	< 0.0011
1187	Waste Decon	During	25109	2450	0.0016
1188	Blank	During	25110	N/A	N/A
1189	Blank	During	25111	N/A	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 McCart - Laboratory Director



TESTWELL LABORATORIES, INC.

Environmental Laboratory
47 Hudson Street, Ossining, New York 10562

NYS ELAP # 1114

NVLAP # 200083

AIHA # 100147

PCM AIR SAMPLE RESULTS

Client: Bovis Lend Lease

Date Collected: 08/27/12

Project #: MBO-025AB

Date Rec'd (lab): 08/29/12

Analysis Date: 08/29/12

Analyst: D. Agrist

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007
Floors from 56 down

Analytical NIOSH 400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1190	Personal Decon	During	25478	2300	0.0031
1191	Waste Decon	During	25479	2300	0.0014
1192	Blank	During	25480	N/A	N/A
1193	Blank	During	25481	N/A	N/A

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Deborah McCart - 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: 08/28/12

Project #: MBO-025AB

Date Rec'd (lab): 08/29/12

Analysis Date: 08/29/12

Analyst: D. Agre st

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1194	Personal Decon	During	25482	2350	0.0017
1195	Waste Decon	During	25483	2350	< 0.0011
1196	Blank	During	25484	N/A	N/A
1197	Blank	During	25485	N/A	N/A

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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 1Client: BOLS

Project Site:

Project Address: M. H. Lion Hotel, NY, NYReport to: M. Deoro.BOLS

Name

Company

Tel/Fax

PCM for TEM

Date Analyzed: 8/29/02Analyst: D.A.

Project #:

130-025A3

Date:

08.28.02

Technician:

B. Witman

Signature:

B. Witman

Rotometer:

R 0901

ANALYSIS: LABORATORY USE ONLY										
FIELD SAMPLE #	SAMPLE TYPE	SAMPLE LOCATION	PUMP#	START TIME	STOP TIME	TOTAL MINUTES	FLOW RATE START/STOP	TOTAL VOLUME	RESULTS: f/cc s/cc	RESULTS: f/mm ² s/mm ²
1194		Person Decor		0730	1520	470	5/5	230	8 / 100	0.0017
1195		Waste Decor		0730	1520	470	5/5	2350	3 / 100	<0.0011
1196		Blow							0 / 100	-
1197		Blow							0 / 100	-
									1	
									1	
									1	
									1	
									1	
									1	
									1	
									1	
									1	
									1	

Relinquished by (signature):	Date/Time:	Received by (signature):	Date/Time:	SAMPLES:	1 - Ambient	2 - Background	3 - Pre-Test
<u>B. Witman</u>	<u>08.28.</u>	<u>D. A. Deoro</u>	<u>8/29/02 11:20</u>	CODES:	4 - During	5 - Final	6 - Personal/OSHA

18-79.2



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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: 08/29/02

Project #: MBO-025AB

Date Rec'd (lab): 08/30/02

Analysis Date: 08/30/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
55 Church Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1198	Personal Decon	During	25585	2400	< 0.0011
1199	Waste Decon	During	25586	2400	< 0.0011
1200	Blank	During	25587	N/A	N/A
1201	Blank	During	25588	N/A	N/A

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Deborah McCarl - Laboratory Director


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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: 08/30/02

Project #: MBO-025AB

Date Rec'd (lab): 09/03/02

Analysis Date: 09/03/02

Analyst: D. Agrest

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1202	Personal Decon	During	25658	1950	< 0.0014
1203	Waste Decon	During	25659	1950	0.0016
1204	Blank	During	25660	N/A	N/A
1205	Blank	During	25661	N/A	N/A

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Deborah McCarl - Laboratory Director

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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:** 09/03/02**Project #:** MBO-025AB**Date Rec'd (lab):** 09/05/02**Analysis Date:** 09/05/02**Analyst:** R. Yallabandi

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400**Field Technician:** B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1206	Personal Decon	During	25006	2500	0.0014
1207	Waste Decon	During	25007	2500	0.0018
1208	Blank	During	25008	N/A	N/A
1209	Blank	During	25009	N/A	N/A

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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: 09/12/02

Project #: MBO-025AB

Date Rec'd (lab): 09/14/02

Analysis Date: 09/14/02

Analyst: L. Chiaverini

Sample Location The Millenium Hilton
55 Chruch Street
New York, New York 10007

Analytical NIOSH 7400

Field Technician: B.Gitman

Sample #:	Sample Location:	Sample Type	02PCM #	Volume	Concentration f/cc
1	Loading dock	During	26546	1200	0.0029
2	Enter garage	During	26547	1200	< 0.0023
3	3rd floor roof	During	26548	1200	0.0025
4	3rd floor by elevator	During	26549	1200	< 0.0023
5	Blank	During	26550	N/A	N/A
6	Blank	During	26551	N/A	N/A

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