

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
June 2005**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
6/2/2005	loc #1	.73 mi.	.11/116	11:14 AM	from SE,15 mph,cloudy,80's	345#/delay; 39,025 total shot
	loc #2	.90 mi.	.09/100			
	loc #3	1.65 mi.	.04/106			
6/3/2005	loc #1	1.89 mi.	.04/100	11:15 AM	from SE,20mph,80's,cldy	673#/delay; 94,080 total # in shot
	loc #2	2.17 mi.	no reading			
	loc #3	2.52 mi.	no reading			
6/7/2005	loc #1	.68 mi.	.09/112	11:26 AM	from SE,10mph,80's,ptly cldy	345#/delay; 40,596 total #'s in shot
	loc #2	.94 mi.	.09/100			
	loc #3	1.7 mi.	.04/106			
6/9/2005	loc #1	1.8 mi.	.04/109	10:30 AM	from SE,10mph,80's,cldy	673#/delay; 94,080 # in total shot
	loc #2	.44 mi.	.03/100			
	loc #3	.60 mi.	.03/106			
6/15/2005	loc #1	1.99 mi.	.05/106	1:15 PM	from SE,5-10mph;90's;cldy	673#/delay; 112,000 3 in total shot
	loc #2	1.84 mi.	no reading			
	loc #3	2.01 mi.	no reading			
6/16/2005	loc #1	1.8 mi.	.05/109	11:30 AM	from SE;5-10 mph;80's;cldy	673#/delay; 94,080 # in total shot
	loc #2	2.23 mi.	no reading			
	loc #3	2.66 mi.	no reading			
6/22/2005	loc #1	1.65 mi.	.10/106	2:02 PM	from N;5-10mph;80's;cldy	673#/delay; 76,160 # in total shot
	loc #2	2.98 mi.	no reading			
	loc #3	3.79 mi.	.05/100			
6/22/2005	loc #1	1.59 mi.	.04/100	10:00 AM	from SE;5-10mph;80's;cldy	280#/delay; 23,914 # in total shot
	loc #2	2.91 mi.	no reading			
	loc #3	3.72 mi.	no reading			
6/24/2005	loc #1	1.56 mi.	.04/106	11:44 AM	from NE;5-10mph;80's;ptly cldy	250#/delay; 30,056 # in total shot
	loc #2	2.88 mi.	no reading			
	loc #3	3.68 mi.	no reading			
6/27/2005	loc #1	1.41 mi.	no reading	1:22 PM	from SE;5-10mph;80's;ptly cldy	673#/delay; 111,104 # in total shot
	loc #2	2.03 mi.	.05/106			
	loc #3	2.58 mi.	.03/100			
6/29/2005	loc #1	1.36 mi.	no reading	11:45 AM	from SW;5-10 mph;ptly cldy	673#/delay; 134,400 # in total shot
	loc #2	1.62 mi.	no reading			
	loc #3	2.09 mi.	.05/109			
7/1/2005	loc #1	1.29 mi.	no reading	10:31 AM	from S;5-10 mph;80's;cldy	673#/delay; 98,560 # per delay
	loc #2	1.71 mi.	no reading			
	loc #3	2.24 mi.	.05/100			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
July 2005**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
7/1/2005	loc #1	1.29 mi.	no reading	10:31 AM	from S,5-10 mph,80's,cldy	673#/delay;98,560 # per delay
	loc #2	1.71 mi.	no reading			
	loc #3	2.24 mi.	.05/100			
7/5/2005	loc #1	1.47 mi.	.05/100	10:26 AM	calm,humid,80's,ptly cldy	250#/delay;21,883 # in total shot
	loc #2	2.78 mi.	no reading			
	loc #3	3.58 mi.	no reading			
7/6/2005	loc #1	1.56 mi.	.09/106	10:30 AM	from SE,5-10mph;hi 80's,ptly cldy	139#/delay;14,112# in total shot;tripledeck
	loc #2	2.8 mi.	.05/100			
	loc #3	3.57 mi.	.03/100			
7/11/2005	loc #1	1.50 mi.	.04/100	10:00 AM	from SE,5-10mph,80's,ptly cldy	250#/delay;16,026 # in total shot
	loc #2	2.81 mi.	no reading			
	loc #3	3.61 mi.	no reading			
7/11/2005	loc #1	1.16 mi.	.07/106	1:35 PM	from SE,5-10 mph,80's,cldy	673#/delay;68,096 # in total shot
	loc #2	1.82 mi.	.05/100			
	loc #3	2.42 mi.	no reading			
7/13/2005	loc #1	1.51 mi.	.05/100	10:03 AM	from NE,5-10mph,85,clear	250#/delay;18,489 # delay; decked
	loc #2	2.82 mi.	no reading			
	loc #3	3.62 mi.	no reading			
7/13/2005	loc #1	3.75 mi.	.10/106	1:17 PM	from E,5-10mph,80's,rainy	627#/delay;120,960 # in total shot
	loc #2	5.12 mi.	.07/112			
	loc #3	5.98 mi.	.04/100			
7/18/2005	loc #1		.09/106	11:46 AM	(awaiting report for more info)	
	loc #2		.07/112			
	loc #3		.04/100			
7/25/2004	loc #1	1.20 mi.	.09/106	1:15 PM	from SE,5-10mph,90's,clear	673#/delay;125,788 # in total shot
	loc #2	1.79 mi.	.09/100			
	loc #3	2.37 mi.	no reading			
7/27/2005	loc #1	1.73 mi.	no reading	1:15 PM	from W,5-10mph,90's,ptly cldy	673#/delay;91,740 # in total shot
	loc #2	2.4 mi.	.03/100			
	loc #3	2.92 mi.	.03/100			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
September 2005**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
9/1/2005	loc #1	1.53 mi	.04/103	1:17 PM	from SW;5-10mph;80's;ptly cldy	673# per delay;79,830# total shot
	loc #2	2.15 mi	no reading			
	loc #3	2.68 mi	.025/84			
9/2/2005	loc #1	1.97 mi	.03/102	10:31 AM	from SE;5-10mph;80's;clr	673# per del;67,200# total shot
	loc #2	2.14 mi	no reading			
	loc #3	2.44 mi	.04/84			
9/6/2005	loc #1	0.69 mi	.10/111	10:25 AM	from NW;5-10mph;80's;cldy	345# per del;31,840# total shot; decked
	loc #2	0.89 mi	.16/112			
	loc #3	1.67 mi	.025/84			
9/7/2005	loc #1	1.45 mi	.06/110	11:17 AM	from SW;5-10mph;80's;ptly cldy	673# per del;107,172# total shot
	loc #2	2.08 mi	no reading			
	loc #3	2.62 mi	.02/79			
9/8/2005	loc #1	0.69 mi	.09/106	10:11 AM	from NW;5-10mph;80's;clr	345# per del;31,044# total shot; decked
	loc #2	0.94 mi	.12/113			
	loc #3	1.70 mi	.03/87			
9/12/2005	loc #1	0.73 mi	.08/109	10:14 AM	from NW;5-10mph;80's;clr	345# per del;31,074# total shot; decked
	loc #2	0.86 mi	.14/106			
	loc #3	1.63 mi	.03/86			
9/14/2005	loc #1	1.35 mi	.06/107	11:00 AM	from W;5-10mph;80's;clr	673# per del;107,656# total shot
	loc #2	1.98 mi	no reading			
	loc #3	2.55 mi	no reading			
9/15/2005	loc #1	0.43 mi	.08/108	10:24 AM	from NW ;5-10mph;80's;clr	329# per del;39,800# total shot; decked
	loc #2	1.78 mi	.11/116			
	loc #3	2.63 mi	no reading			
9/19/2005	loc #1	0.80 mi	.14/116	10:31 AM	from NE;5-10mph;80's;clr	345# per del;31,044# total shot; decked
	loc #2	0.81 mi	no reading			
	loc #3	1.56 mi	no reading			
9/21/2005	loc #1	2.19 mi	.06/NA	11:09 AM	from SE;5-10mph;80's;ptly cldy	673# per del;103,764# total shot
	loc #2	2.11 mi	no reading			
	loc #3	2.27 mi	no reading			
9/22/2005	loc #1	0.62 mi	.11/114	11:16 AM	from SE;5-10mph;80's;ptly cldy	345# per del;34,331# total shot;decked
	loc #2	0.84 mi	no reading			
	loc #3	1.66 mi	.03/84			
9/23/2005	loc #1	1.24 mi	.08/106	11:00 AM	from SE;5-10mph;80's;ptly cldy	673# per del;87,808# total shot
	loc #2	1.90 mi	no reading			
	loc #3	2.49 mi	.03/100			
9/26/2005	loc #1	0.84 mi	.24/112	11:41 AM	from NE;5-10mph;80's;ptly cldy;N hum	345# per del;30,927# total shot;decked
	loc #2	0.79 mi	.21/108			
	loc #3	1.52 mi	.04/94			
9/27/2005	loc #1	9.59 mi.	no reading	10:01 AM	from SE	423# per del;56,660# total shot
	loc #2	10.1 mi	no reading			
	loc #3	10.3 mi	no reading			
9/28/2005	loc #1	9.59 mi.	.038/102	11:07 AM	from SE;5-10mph;80's;clr	423# per delay;56,160# total shot
	loc #2	NA	no reading			
	loc #3	NA	no reading			
9/28/2005	loc #1	1.77 mi	.025/98	1:15 PM	from SE;80's;clear	673# per del;94,428# total shot
	loc #2	2.36 mi	.035/87			
	loc #3	2.84 mi	no reading			
9/29/2005	loc #1	0.87 mi.	.18/112	10:27 AM	from SE;5-10mph;80's;clear	345# per del;33,306# total shot;decked
	loc #2	0.77 mi	no reading			
	loc #3	1.50 mi	.058/97			

* Vibration: Measured in Peak Particle Velocity (PPV) Noise: Measured in Decibels (dB)	Maximum PPV permitted is 0.5 PPV. Maximum DB permitted is 134 dB.
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**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
October 2005**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
10/4/2005	loc #1	2.10 mi	.033/100	1:31PM	from NE;5-10mph;80's;ptly cldy	673# per delay;108,764# total shot
	loc #2	2.13 mi	no reading			
	loc #3	2.34 mi	.038/97			
10/5/2005	loc #1	1.78 mi	.025/90	1:15PM	from SW;5-10mph;80's;ptly cldy	673# per del/112,000# total shot
	loc #2	2.28 mi	.028/82			
	loc #3	2.74 mi	.025/81			
10/7/2005	loc #1	2.07 mi	.028/97	10:30AM	from SE;5-10mph;80's;ptly cldy	673# per del;72,576# total shot
	loc #2	1.95 mi	.048/92			
	loc #3	2.12 mi	.033/87			
10/11/2005	loc #1	1.81 mi	.03/94	11:48PM	from NE;10-15mph;80's;ptly cldy	673# per del;112# total shot
	loc #2	2.25 mi	.028/100			
	loc #3	2.68 mi	.028/86			
10/12/2005	loc #1	1.88 mi	.033/95	10:28AM	from NE;5-10mph;80's;ptly cldy	673# per del;75,264# total shot
	loc #2	1.86 mi	no reading			
	loc #3	2.12 mi	.045/92			
10/14/2005	loc #1	1.82 mi	.043/102	1:18PM	from NW;5-10mph;80's;clr	673# per del;112,000# total shot
	loc #2	2.24 mi	no reading			
	loc #3	2.66 mi	.028/94			
10/17/2005	loc #1	1.98 mi	.038/110	1:32PM	from NE;5-10mph;80's;clr	673# per del;26,880# total shot
	loc #2	1.99 mi	.033/84			
	loc #3	2.23 mi	.025/84			
10/18/2005	loc #1	1.38 mi	.045/100	10:30AM	from NE;5-10mph;80's;ptly cldy	225# per del;23,914# total shot
	loc #2	2.75 mi	no reading			
	loc #3	3.59 mi	no reading			
10/20/2005	loc #2	no data	no reading	10:38AM	No blast report available	
	loc #3	no data	.048/108			
10/31/2005	loc #2	no data	.038/101	12:31PM	No blast report available	
	loc #3	no data	.025/90			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
November 2005**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
11/2/2005	loc #1	No blast report available	no reading	11:47 AM	No blast report available	
	loc #2		.030/118			
	loc #3		.028/103			
11/4/2005	loc #1	No blast report available	no reading	2:38 PM	No blast report available	
	loc #2		.033/102			
	loc #3		.030/94			
11/8/2005	loc #1	2.10 mi	.035/102	2:31 PM	from NW;5-10mph;80's;pty cldy	673# per del;91,740 # total shot
	loc #2	2.13 mi	no reading			
	loc #3	2.35 mi	no reading			
11/16/2005	loc #1	0.89 mi	.13/113	11:05 AM	from SW;5-10mph;80's;pty cldy	897# per del;39,588# total shot; decked; 1.5
	loc #2	0.82 mi	.16/110			
	loc #3	1.52 mi	.04/89			
11/17/2005	loc #1	2.07 mi	.03/90	12:04 PM	from NE;5-10mph;80's;clr	673# per del;67,200 # total shot
	loc #2	2.08 mi	no reading			
	loc #3	2.30 mi	.02/97			
11/18/2005	loc #1	0.68 mi	.15/110	11:36 AM	from NW;5-10mph;70's;pty cldy	897# per del;39,304# total shot; decked; 1.5
	loc #2	0.97 mi	.16/107			
	loc #3	1.72 mi	.03/87			
11/22/2005	loc #1	0.86 mi	.21/110	11:36 AM	from NW;10-15mph;70's;clr	897# per del;46,168# total shot; decked;1.5
	loc #2	0.85 mi	.17/11			
	loc #3	1.55 mi	.05/92			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
March 2006**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING	TIME	WEATHER	COMMENTS
			(PPV/dB)*			
3/1/2006	loc #1	2.10 mi.	.03/100	10:18AM	from W;5-10mph;clr;70's	673# per del;86,364# total shot
	loc #2	1.33 mi.	.11/112			
	loc #3	1.67 mi.	no reading			
3/6/2006	loc #1	2.15 mi.	.04/98	10:39AM	from N;5-10mph;clr;70's	673# per del;71,680# total shot
	loc #2	2.04 mi.	no reading			
	loc #3	2.19 mi.	no reading			
3/9/2006	loc #1	1.54 mi.	.04/104	2:02PM	from SE;5-10mph;p.cldy;70's	225# per del;20,808# total shot;decked
	loc #2	2.86 mi.	no reading			
	loc #3	3.66 mi.	no reading			
3/10/2006	loc #1	1.62 mi.	.03/106	10:32AM	from SE;10-15mph;p.cldy;70's	225# per del;13,704# total shot;decked
	loc #2	2.84 mi.	no reading			
	loc #3	3.60 mi.	no reading			
3/13/2006	loc #1	1.88 mi.	.03/89	11:03AM	from E;10-20mph;p.cldy;70's	673# per del;71,680# total shot
	loc #2	1.84 mi.	no reading			
	loc #3	2.09 mi.	no reading			
3/13/2006	loc #1	1.52 mi.	.04/103	2:52PM	from E;10-20mph;p.cldy;70's	225# per del;25,422# total shot;decked
	loc #2	2.83 mi.	no reading			
	loc #3	3.64 mi.	no reading			
3/14/2006	loc #1	1.62 mi.	.02/82	1:34PM	from E;calm;cldy;80's	225# per del;13,693# total shot;decked
	loc #2	2.85 mi.	no reading			
	loc #3	3.60 mi.	no reading			
3/16/2006	loc #1	1.92 mi.	.03/82	10:52AM	from E;5-10mph;clr;70's	673# per del;58,240# total shot
	loc #2	1.88 mi.	no reading			
	loc #3	2.12 mi.	no reading			
3/20/2006	loc #1	1.75 mi.	.04/112	10:17AM	from E;calm;clr;80's	673# per del;86,412# total shot
	loc #2	2.48 mi.	no reading			
	loc #3	3.02 mi.	no reading			
3/20/2006	loc #1	no data	.10/107	1:00PM	from E;5-10mph;clr;70's	no data avail.
	loc #2	no data	no reading			
	loc #3	no data	no reading			
3/24/2006	loc #1	no data	.13/114	12:16PM	from E;10mph;clr;80's	no data avail.
	loc #2	no data	no reading			
	loc #3	no data	no reading			
3/27/2006	loc #1	1.61 mi.	.06/100	11:32AM	from NE;5-10mph;clr;70's	673# per del;76,508# total shot
	loc #2	1.49 mi.	.07/100			
	loc #3	1.80 mi.	no reading			
3/28/2006	loc #1	1.74 mi.	.04/90	10:32AM	from NE;5-10mph;clr;70's	673# per del;71,680# total shot
	loc #2	1.67 mi.	no reading			
	loc #3	1.94 mi.	no reading			
3/29/2006	loc #1	0.70 mi.	.22/116	11:05AM	from SE;5-10mph;p.cldy;70's	897# per del;48,384# total shot;decked
	loc #2	0.97 mi.	.16/104			
	loc #3	1.72 mi.	.08/82			
3/29/2006	loc #1	9.30 mi.	.14/111	2:02PM	from N;15+mph;cldy;70's	475# per del;58,240# total shot
	loc #2	9.88 mi.	no reading			
	loc #3	10.1 mi.	no reading			
3/31/2006	loc #1	no data	no reading	10:32AM	from ESE;15+mph;cldy;70's	no data avail.
	loc #2	no data	.16/107			
	loc #3	no data	no reading			

* Vibration: Measured in Peak Particle Velocity (PPV) Noise: Measured in Decibels (dB)	Maximum PPV permitted is 0.5 PPV. Maximum DB permitted is 134 dB.
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**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
May 2006**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
5/1/2006	loc #1	1.33 mi.	.13/104	11:04AM	from NW;10mph;clr;80's	673# per del;77,396# total shot
	loc #2	1.59 mi.	.08/101			
	loc #3	2.07 mi.	no reading			
5/1/2006	loc #1	no data avail.	.09/105	2:52PM	no data avail.	no data avail.
	loc #2	no data avail.	no reading			
	loc #3	no data avail.	no reading			
5/3/2006	loc #1	0.92 mi.	.17/112	10:23AM	from NE;10mph;clr;80's	621# per del;18,630# total shot
	loc #2	0.80 mi.	.23/113			
	loc #3	1.49 mi.	no reading			
5/4/2006	loc #1	1.41 mi.	.10/104	10:35AM	from NE;10mph;clr;80's	673# per del;70,615# total shot
	loc #2	1.52 mi.	.09/101			
	loc #3	1.95 mi.	no reading			
5/5/2006	loc #1	0.74 mi.	.13/110	10:09AM	from SE;10mph;clr;80's	621# per del;32,292# total shot;decked
	loc #2	0.96 mi.	.12/111			
	loc #3	1.69 mi.	.08/101			
5/8/2006	loc #1	0.64 mi.	.22/115	10:50AM	from SE;10mph;clr;80's	624# per del;27,324# total shot;decked
	loc #2	0.98 mi.	.16/112			
	loc #3	1.75 mi.	no reading			
5/9/2006	loc #1	1.40 mi.	.07/102	10:34AM	from SE;10mph;clr;80's	673# per del;84,125# total shot
	loc #2	1.74 mi.	.09/101			
	loc #3	2.22 mi.	no reading			
5/11/2006	loc #1	0.80 mi.	.12/112	10:35AM	from SW;10mph;clr;80's	621# per del;30,429# total shot
	loc #2	0.64 mi.	.11/111			
	loc #3	1.46 mi.	no reading			
5/12/2006	loc #1	1.25 mi.	.08/103	1:35PM	from NW;10mph;pcldy;80's	673# per del;63,267# total shot
	loc #2	1.67 mi.	no reading			
	loc #3	2.20 mi.	no reading			
5/15/2006	loc #1	0.88 mi.	.11/113	10:15AM	from S;5mph;clr;80's	621# per del;18,760# total shot;decked
	loc #2	0.65 mi.	.18/111db			
	loc #3	1.42 mi.	no reading			
5/18/2006	loc #1	0.65 mi.	.14/109	10:50AM	from W;10mph;clr;80's	621# per del;32,284# total shot;decked
	loc #2	1.02 mi.	.15/111			
	loc #3	1.78 mi.	no reading			
5/19/2006	loc #1	no data avail.	.17/106	13:17PM	no data avail.	no data avail.
	loc #2	no data avail.	.07/94			
	loc #3	no data avail.	no reading			
5/22/2006	loc #1	0.89 mi.	.18/110	11:16AM	from NW;10mph;pcldy;80's	621# per del;31,671# total shot
	loc #2	0.86 mi.	.18/110			
	loc #3	1.55 mi.	no reading			
5/24/2006	loc #1	0.67 mi.	.18/114	10:02AM	from NW;10mph;clr;80's	621# per del;24,840# total shot
	loc #2	1.01 mi.	.13/111			
	loc #3	1.76 mi.	no reading			
5/25/2006	loc #1	1.15 mi.	.11/109	13:32PM	from SE;10mph;clr;70's	621# per del;46,437# total shot
	loc #2	1.83 mi.	.07/104			
	loc #3	2.44 mi.	no reading			
5/26/2006	loc #1	no data avail.	.03/98	10:09AM	no data avail.	no data avail.
	loc #2	no data avail.	no reading			
	loc #3	no data avail.	no reading			
5/30/2006	loc #1	no data avail.	.09/115	11:22AM	no data avail.	no data avail.
	loc #2	no data avail.	.09/107			
	loc #3	no data avail.	no reading			

* Vibration: Measured in Peak Particle Velocity (PPV) Noise: Measured in Decibels (dB)	Maximum PPV permitted is 0.5 PPV. Maximum DB permitted is 134 dB.
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**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
June 2006**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
6/2/2006	loc #1	1.80 mi.	.03/100	11:33AM	calm;clr,80's	673# per del;66,627# total shot
	loc #2	2.38 mi.	no reading			
	loc #3	2.87mi.	no reading			
6/19/2006	loc #1	no data avail.	.03/89	2:17PM	overcast	no data avail.
	loc #2	no data avail.	no reading			
	loc #3	no data avail.	no reading			
6/20/2006	loc #1	no data avail.	.03/100	10:15AM	clear;80's	no data avail.
	loc #2	no data avail.	no reading			
	loc #3	no data avail.	no reading			
6/21/2006	loc #1	1.83 mi.	.03/94	10:49AM	overcast	no data avail.
	loc #2	2.28 mi.	no reading			
	loc #3	2.71 mi.	no reading			
6/22/2006	loc #1	no data avail.	.03/90	11:49AM	overcast	no data avail.
	loc #2	no data avail.	no reading			
	loc #3	no data avail.	no reading			
6/27/2006	loc #1	0.89 mi.	.10/111	10:18AM	from SE;10mph;clr;80's	345# per del;18,009# total shot;decked
	loc #2	0.76 mi.	no reading			
	loc #3	1.48 mi.	no reading			
6/29/2006	loc #1	no data avail.	.08/118	10:35AM	overcast	no data avail.
	loc #2	no data avail.	.14/103			
	loc #3	no data avail.	no reading			
6/30/2006	loc #1	no data avail.	.03/103	10:36AM	overcast	no data avail.
	loc #2	no data avail.	no reading			
	loc #3	no data avail.	no reading			
6/30/2006	loc #1	no data avail.	.03/100	12:42PM	overcast	no data avail.
	loc #2	no data avail.	no reading			
	loc #3	no data avail.	no reading			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
July 2006**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
7/3/2006	loc #1	0.63 mi.	.18/111	10:50AM	from SE;10mph;clr,80's	345# per del;18,009# total shot;decked
	loc #2	0.92 mi.	.23/107			
	loc #3	1.71 mi.	no reading			
7/5/2006	loc #1	2.08 mi.	.04/105	10:21AM	from SE;10mph;clr,85	673# per del;64,608# total shot
	loc #2	2.16 mi.	no reading			
	loc #3	2.40 mi.	no reading			
7/6/2006	loc #1	no data avail.	.12/114	10:53AM	Calm;10mph;pcldy,80's	216# per del;16,416# total shot;decked
	loc #2	no data avail.	.14/108			
	loc #3	no data avail.	no reading			
7/10/2006	loc #1	0.63 mi.	.12/113	10:49AM	from E;10mph;clr,80's	345# per del;18,930# total shot;decked
	loc #2	0.95 mi.	.07/102			
	loc #3	1.73 mi.	no reading			
7/12/2006	loc #1	0.88 mi.	.14/116	10:04AM	from E;10mph;pcldy,80's	345# per del;16,146# total shot;decked
	loc #2	0.74 mi.	.22/107			
	loc #3	1.47 mi.	no reading			
7/13/2006	loc #1	1.64 mi.	no reading	1:15PM	from SE;10mph;clr,80's	225# per del;10,800# total shot;decked
	loc #2	2.86 mi.	no reading			
	loc #3	3.61 mi.	no reading			
7/14/2006	loc #1	2.14 mi.	.02/98	10:20AM	from E;5mph;cldy,80's	673# per del;61,816# total shot
	loc #2	2.15 mi.	no reading			
	loc #3	2.35 mi.	no reading			
7/17/2006	loc #1	2.26 mi.	no reading	10:00AM	from SE;10mph;clr,80's	673# per del;59,224# total shot
	loc #2	2.03 mi.	no reading			
	loc #3	2.10 mi.	no reading			
7/17/2006	loc #1	1.65 mi.	no reading	1:30PM	from SE;10mph;pcldy,80's	225# per del;10,800# total shot; decked
	loc #2	2.87 mi.	no reading			
	loc #3	3.62 mi.	no reading			
7/19/2006	loc #1	0.62 mi.	.16/112	10:11AM	from SE;10mph;pcldy,80's	345# per del;18,009# total shot;decked
	loc #2	0.93 mi.	.14/107			
	loc #3	1.72 mi.	no reading			
7/20/2006	loc #1	0.70 mi.	.12/111	11:06AM	from SE;10mph;pcldy,80's	345# per del;18,630# total shot;decked
	loc #2	0.87 mi.	.20/109			
	loc #3	1.64 mi.	no reading			
7/24/2006	loc #1	0.63 mi.	.24/111	10:34AM	from SE;10mph;clr,80's	293# per del;25,461# total shot;decked
	loc #2	0.99 mi.	.09/101			
	loc #3	1.76 mi.	.05/76			
7/26/2006	loc #1	0.67 mi.	.13/110	10:04AM	from E;10mph;pcldy,80's	897# per del;31,671# total shot;decked
	loc #2	1.02 mi.	.11/100			
	loc #3	1.77 mi.	.07/76			
7/27/2006	loc #1	1.93 mi.	.03/89	11:36AM	from SE;10mph;pcldy,80's	673# per del;59,224# total shot
	loc #2	1.88 mi.	no reading			
	loc #3	2.11 mi.	no reading			
7/31/2006	loc #1	0.64 mi.	.15/111	10:37AM	from SE;10mph;clr,80's	621# per del;24,840# total shot
	loc #2	1.00 mi.	.11/107			
	loc #3	1.77 mi.	no reading			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
September 2006**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV/dB)*	TIME	WEATHER	COMMENTS
9/1/2006	loc #1	no data avail.	no reading	10:02AM	no data avail.	no data avail.
	loc #2	no data avail.	.08/95			
	loc #3	no data avail.	no reading			
9/5/2006	loc #1	0.82 mi.	no reading	12:32AM	from SE;10mph;pcldy,80's	595# per del;17,850# total shot
	loc #2	0.78 mi.	.12/104			
	loc #3	1.52 mi.	no reading			
9/7/2006	loc #1	0.83 mi.	.13/113	11:37AM	from SE;10mph;clr,80's	1,206# per del;30,810# total shot
	loc #2	0.91 mi.	.12/106			
	loc #3	1.62 mi.	no reading			
9/8/2006	loc #1	1.51 mi.	.13/103	11:02AM	from NE;10mph;pcldy,80's	673# per del;80,760# total shot;decked
	loc #2	1.48 mi.	.13/102			
	loc #3	1.84 mi.	.06/92			
9/12/2006	loc #1	0.85 mi.	.13/116	10:32AM	from NE;10mph;clr,80's	285# per del;16,830# total shot;decked
	loc #2	0.76 mi.	no reading			
	loc #3	1.50 mi.	no reading			
9/13/2006	loc #1	0.94 mi.	.10/115	11:02AM	from NE;10mph;cldy,80's	837# per del;30,855# total shot;decked
	loc #2	0.84 mi.	no reading			
	loc #3	1.51 mi.	no reading			
9/14/2006	loc #1	1.26 mi.	.16/105	11:13AM	no data avail.	673# per del;87,783# total shot
	loc #2	0.38 mi.	no reading			
	loc #3	1.03 mi.	no reading			
9/18/2006	loc #1	0.86 mi.	.18/118	10:10AM	from SE;10mph;clr,80's	1,206# per del;35,032# total shot
	loc #2	0.89 mi.	no reading			
	loc #3	1.58 mi.	.06/102			
9/19/2006	loc #1	1.37 mi.	.07/111	11:18AM	from SE;calm;clr,80's	673# per del;80,760# total shot
	loc #2	1.55 mi.	no reading			
	loc #3	2.00 mi.	no reading			
9/20/2006	loc #1	0.95 mi.	.14/108	10:20AM	from SW;10mph;clr,80's	837# per del;25,806# total shot
	loc #2	0.83 mi.	no reading			
	loc #3	1.43 mi.	no reading			
9/25/2006	loc #1	1.40 mi.	.10/101	11:17AM	from NE;calm;pcldy,80's	475# per del;15,675# total shot
	loc #2	1.51 mi.	.08/95			
	loc #3	1.95 mi.	.06/90			
9/26/2006	loc #1	1.32 mi.	.09/108	11:03AM	from SE;calm;clr,80's	673# per del;78,068# total shot
	loc #2	1.57 mi.	.09/90			
	loc #3	2.06 mi.	no reading			
9/29/2006	loc #1	1.27 mi.	.12/111	10:50AM	from SE;10mph;pcldy,80's	673# per del;80,760# total shot
	loc #2	1.69 mi.	.12/89			
	loc #3	2.22 mi.	.07/95			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
October 2006**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV)*	READING (dB)*	TIME	WEATHER	COMMENTS
10/2/2006	loc #1	no data avail.	no reading		10:27AM	from SE;clr,80's	84# per del;8,675# total shot
	loc #2	no data avail.	no reading				
	loc #3	no data avail.	no reading				
10/4/2006	loc #1	no data avail.	.10/104		11:02AM	from SE;clr,80's	673# per del;74,703# total shot
	loc #2	no data avail.	.08/90				
	loc #3	no data avail.	no reading				
10/11/2006	loc #1	0.62 mi.	.24/111		11:21AM	from NW;clr,80's	437# per del;21,001# total shot;decked
	loc #2	0.96 mi.	no reading				
	loc #3	1.74 mi.	no reading				
10/13/2006	loc #1	0.67 mi.	.20/111		10:55AM	from NW;pcldy,80's	837# per del;25,806# total shot;decked
	loc #2	1.04 mi.	no reading				
	loc #3	1.79 mi.	no reading				
10/17/2006	loc #1	0.63 mi.	.21/114		10:51AM	from SE;clr,80's	837# per del;23,562# total shot;decked
	loc #2	1.02 mi.	no reading				
	loc #3	1.78 mi.	no reading				
10/18/2006	loc #1	1.82 mi.	no reading		10:32AM	from SE;clr,80's	637# per del;74,030# total shot
	loc #2	2.37 mi.	no reading				
	loc #3	2.83 mi.	no reading				
10/19/2006	loc #1	0.63 mi.	.21/113		10:17AM	from SE;pcldy,80's	561# per del;17,391# total shot;decked
	loc #2	0.95 mi.	no reading				
	loc #3	1.74 mi.	no reading				
10/23/2006	loc #1	0.61 mi.	.17/113		10:07AM	from NE;clr,80's	561# per del;16,269# total shot;decked
	loc #2	0.93 mi.	.11/102				
	loc #3	1.72 mi.	no reading				
10/24/2006	loc #1	0.64 mi.	.23/113		11:15AM	from NW;clr,70's	837# per del;35,907# total shot;decked
	loc #2	1.03 mi.	.13/104				
	loc #3	1.79 mi.	no reading				
10/25/2006	loc #1	1.87 mi.	no reading		11:33AM	from NE;clr,70's	673# per del;84,125# total shot
	loc #2	2.27 mi.	no reading				
	loc #3	2.68 mi.	no reading				
10/30/2006	loc #1	0.74 mi.	.15/113		11:22AM	from NE;clr,80's	285# per del;33,660# total shot;decked
	loc #2	1.09 mi.	.10/92				
	loc #3	1.81 mi.	no reading				
10/31/2006	loc #1	0.84 mi.	.17/115		10:15AM	from NE;rain,80's	605# per del;39,260# total shot
	loc #2	0.91 mi.	.11/103				
	loc #3	1.62 mi.	no reading				

* Vibration: Measured in Peak Particle Velocity (PPV) Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB) Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
November 2006**

**LOCATION #1: Sunset Lakes (South Area)
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV)*	TIME	WEATHER	COMMENTS
11/6/2006	loc #1	0.67 mi.	no reading	10:30AM	from NE;15mph;pcldy;80's	604# per del;36,210# total shot
	loc #2	1.04 mi.	no reading			
	loc #3	1.78 mi.	no reading			
11/7/2006	loc #1	1.90 mi.	no reading	1:17PM	from SE;pcldy;15mph;80's	673# per del;77,373# total shot
	loc #2	2.25 mi.	no reading			
	loc #3	2.63 mi.	no reading			
11/9/2006	loc #1	0.80 mi.	no reading	10:15AM	from NW;10mph;pcldy;70's	603# per del;39,228# total shot
	loc #2	0.94 mi.	no reading			
	loc #3	1.65 mi.	no reading			
11/20/2006	loc #1	0.62 mi.	.25/110	10:35AM	from NW;10mph;pcldy;70's	605# per del;19,329# total shot;decked
	loc #2	0.96 mi.	.17/106			
	loc #3	1.74 mi.	no reading			
11/27/2006	loc #1	0.08 mi.	.28/118	11:30AM	from NE;10mph;pcldy;70's	6737# per del;84,125# total shot
	loc #2	1.02 mi.	no reading			
	loc #3	1.88 mi.	no reading			
11/29/2006	loc #1	0.93 mi.	.15/118	11:00AM	from E;10mph;pcldy;70's	647# per del;42,055# total shot
	loc #2	1.07 mi.	no reading			
	loc #3	1.53 mi.	no reading			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

**BROWARD COUNTY BLASTING MONITORING DATA
FOR CITY OF MIRAMAR
BLASTING OCCURRING IN MIAMI-DADE COUNTY
March 2007**

**LOCATION #1: Sunset Lakes (South Area) - Terminated 3/8/07
LOCATION #2: Riviera Isles (West Area)
LOCATION #3: Riviera Isles (East Area)
LOCATION #4: Sunset Lakes (South Area) - Began 3/12/07**

DATE	STATION LOCATION	DISTANCE TO BLST	READING (PPV)*	TIME	WEATHER	COMMENTS
3/2/2007	loc #1	0.64 mi.	.12/106	1:15PM	from SW;10mph;pcldy;70's	569# per del;23,329# total shot;decked
	loc #2	1.10 mi.	no reading			
	loc #3	1.84 mi.	no reading			
3/5/2007	loc #1	0.95 mi.	.15/112	10:30AM	from NW;10mph;pcldy;60's	617# per del;46,275# total shot
	loc #2	0.87 mi.	no reading			
	loc #3	1.52 mi.	no reading			
3/7/2007	loc #1	0.95 mi.	.09/107	1:23PM	from E;10mph;clr;80's	576# per del;26,703# total shot;decked
	loc #2	0.73 mi.	.13/94			
	loc #3	1.42 mi.	no reading			
3/8/2007	loc #1	0.88 mi.	.13/116	11:31AM	from NW;10mph;clr;70's	617# per del;55,530# total shot;decked
	loc #2	0.92 mi.	no reading			
	loc #3	1.60 mi.	no reading			
3/12/2007**	loc #2	0.71 mi.	no reading	1:15PM	from E;10mph;clr;70's	569# per del;24,098# total shot;dbl decked
	loc #3	1.43 mi.	no reading			
	loc #4	1.24 mi.	no reading			
3/13/2007	loc #2	0.76 mi.	.14/104	11:16PM	from NE;10mph;clr;70's	202# per del;19,932# total shot;decked
	loc #3	1.45 mi.	no reading			
	loc #4	1.26 mi.	no reading			
3/15/2007	loc #2	0.59 mi.	.12/98	1:50PM	from SE;15mph;clr;70's	605# per del;55,925# total shot; dbl decked
	loc #3	0.97 mi.	no reading			
	loc #4	1.77 mi.	no reading			
3/19/2007	loc #2	0.83 mi.	.06/89	11:43AM	from NE;10mph;pcldy;70's	563# per del;18,017# total shot;decked
	loc #3	1.48 mi.	no reading			
	loc #4	1.28 mi.	no reading			
3/20/2007	loc #2	0.67 mi.	no reading	11:05AM	from NE;10mph;cldy;70's	561# per del;14,025# total shot;decked
	loc #3	1.38 mi.	no reading			
	loc #4	1.29 mi.	.07/106			
3/21/2007	loc #2	1.53 mi.	.07/89	11:02AM	from SE;10mph;clr;70's	593# per del;26,092# total shot
	loc #3	1.60 mi.	no reading			
	loc #4	2.25 mi.	no reading			
3/22/2007	loc #2	0.76 mi.	no reading	1:18PM	from SE;15mph;pcldy;70's	520# per del;17,193# total shot;dbl decked
	loc #3	1.44 mi.	no reading			
	loc #4	1.27 mi.	no reading			
3/26/2007	loc #2	0.83 mi.	.08/87	11:13AM	from N;10mph;cldy;80's	521# per del;1,042# total shot
	loc #3	1.48 mi.	no reading			
	loc #4	1.30 mi.	no reading			
3/26/2007	loc #2	1.58 mi.	.06/79	1:19PM	from E;10mph;pcldy;70's	593# per del;35,580# total shot
	loc #3	1.67 mi.	no reading			
	loc #4	2.28 mi.	no reading			

* Vibration: Measured in Peak Particle Velocity (PPV)	Maximum PPV permitted is 0.5 PPV.
Noise: Measured in Decibels (dB)	Maximum DB permitted is 134 dB.

** Note: Loc. #1 was relocated to Loc. #4 (Sunset Lakes - South Area) on March 12, 2007.