

June 7, 1991

Mr. Tom Tittle
Florida Department of Environmental Regulations
1900 South Congress Avenue, Suite A
West Palm Beach, FL 33406

Subject: Opacity 168 Hour Conditioning Period Data

Dear Mr. Tittle:

As per 40 CFR Appendix B, Specification 1, Section 7.3 regarding opacity monitor 168 hour conditioning periods, please find attached data from Wheelabrator South Broward's Units 1, 2 and 3. Data for each unit includes steam flow, opacity six-minute averages and calibration records. The time periods covered are:

Unit 1 - May 24-May 30, 1991
Unit 2 - May 24-May 30, 1991
Unit 3 - May 10-May 16, 1991

During these periods, the unit's average daily steam flow was greater than 50% of rated full load, and no unscheduled maintenance was performed on the opacity monitors.

If there are any questions, please contact this office at (305) 581-6606.

Sincerely,

Wheelabrator South Broward



Chuck Faller
ES & H Director

190.CF/ms

cc: Alex Padva - FDER - SEDO
Hamilton Oven - FDER - Tallahassee w/ enclosures
Chief, Air Compliance Branch - EPA Region IV w/enclosures
Al Linero, ONRP w/enclosures
Joe Lurix - FDER - SEDO
Jim Wiegner
Tom Kirk
Frank Ferraro
Tim Porter
Mark Meech
File 2.52
File 16.9

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JUN 17 1991

Division of Air
Resources Management

South Broward County Resource Recovery Facility
 Unit #1 24 Hour Report of
 Flows and Temperatures
 for MAY 30, 1991
 printed at 07:55:54 on 05-31-1991

OUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	191	191	998	253
1	193	192	1000	256
2	191	192	995	257
3	191	192	944	255
4	192	191	951	258
5	191	192	963	254
6	191	191	970	256
7	190	191	975	261
8	192	191	975	261
9	191	191	980	262
10	191	191	985	264
11	185	189	981	268
12	186	187	991	264
13	191	187	1006	266
14	190	189	1011	264
15	189	190	1007	267
16	191	190	1021	263
17	190	190	1016	263
18	192	191	1017	263
19	191	191	1021	261
20	191	191	1024	264
21	191	191	1022	260
22	191	191	1023	261
23	190	191	1018	261
AVG	190		996	261

South Broward County Resource Recovery Facility
 Unit #1 24 Hour Report of
 Flows and Temperatures
 for MAY 29, 1991
 printed at Midnight on 05-30-1991

OUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	91	104	793	264
1	81	94	787	258
2	89	87	782	257
3	110	93	832	259
4	128	109	865	260
5	135	125	876	260
6	158	141	914	263
7	138	144	884	260
8	142	146	921	258
9	179	153	970	260
10	190	170	950	267
11	189	186	958	266
12	190	190	963	264
13	187	189	965	263
14	179	185	968	265
15	139	169	905	263
16	171	163	951	263
17	189	166	970	261
18	192	184	959	262
19	186	189	974	261
20	190	189	983	260
21	190	189	987	259
22	190	190	982	259
23	190	190	995	254
24	159		922	261

South Broward County Resource Recovery Facility
 Unit #1 24 Hour Report of
 Flows and Temperatures
 for MAY 28, 1991
 printed at Midnight on 05-29-1991

HR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	185	171	926	262
1	178	178	923	261
2	187	183	940	261
3	183	182	941	265
4	170	180	925	262
5	142	165	886	260
6	103	139	837	258
7	179	141	956	261
8	182	155	956	265
9	184	182	960	264
0	168	178	948	263
1	169	174	944	264
2	173	170	960	262
3	166	169	956	262
4	184	175	996	267
5	191	181	1007	264
6	191	189	1007	263
7	192	192	1015	261
8	188	191	995	264
9	146	176	918	265
0	139	158	912	261
1	127	137	909	261
2	111	126	854	261
3	108	115	846	264
G	164		938	263

South Broward County Resource Recovery Facility
 Unit #1 24 Hour Report of
 Flows and Temperatures
 for MAY 27, 1991
 printed at Midnight on 05-28-1991

OUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	163	164	892	259
1	174	169	916	259
2	192	177	942	262
3	191	186	943	265
4	191	192	945	261
5	191	191	966	259
6	189	190	975	260
7	186	188	976	260
8	188	187	987	262
9	189	188	983	266
10	189	189	979	263
11	179	186	969	262
12	171	179	952	263
13	154	168	940	261
14	158	161	954	265
15	166	159	953	264
16	186	170	977	264
17	189	180	977	263
18	186	187	978	264
19	127	167	878	263
20	148	154	940	261
21	133	136	912	260
22	157	146	952	260
23	172	154	908	265
VG	174		950	262

South Broward County Resource Recovery Facility
 Unit #1 24 Hour Report of
 Flows and Temperatures
 for MAY 26, 1991
 printed at Midnight on 05-27-1991

HOUR	STEAM	STEAM	FURNACE	FAB. FILT.
	FLOW K#/HR 1 -HR	FLOW K#/HR 3-HR	TEMP deg F 1-HR	TEMP deg F 1-HR
0	134	142	921	264
1	131	127	920	262
2	108	124	875	261
3	111	117	871	259
4	142	121	953	258
5	150	134	885	264
6	168	153	912	263
7	169	162	913	261
8	157	164	908	261
9	174	167	937	262
10	182	171	938	266
11	173	177	932	264
12	187	181	948	258
13	187	182	950	257
14	180	184	945	259
15	191	186	967	262
16	189	187	953	263
17	188	189	969	264
18	164	180	937	259
19	154	169	928	259
20	168	162	943	260
21	168	163	960	263
22	160	166	931	264
23	169	166	900	260
VG	163		929	261

South Broward County Resource Recovery Facility
 Unit #1 24 Hour Report of
 Flows and Temperatures
 for MAY 25, 1991
 printed at Midnight on 05-26-1991

OUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	105	108	879	258
1	120	113	905	258
2	103	110	879	260
3	98	107	860	263
4	121	107	913	264
5	123	114	929	262
6	138	127	945	260
7	113	125	896	259
8	141	131	948	260
9	151	135	951	262
10	157	150	941	263
11	179	162	979	266
12	172	169	973	267
13	179	177	975	265
14	168	173	964	263
15	146	164	942	262
16	172	162	966	262
17	175	164	972	264
18	182	177	999	266
19	183	180	1011	264
20	178	181	978	262
21	171	177	971	262
22	174	174	973	263
23	118	154	899	263
AVG	149		944	262

South Broward County Resource Recovery Facility
 Unit #1 24 Hour Report of
 Flows and Temperatures
 for MAY 24, 1991
 printed at Midnight on 05-25-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	133	124	923	261
1	120	120	887	260
2	127	128	878	256
3	122	123	898	260
4	104	118	862	259
5	98	108	861	258
6	105	102	883	262
7	105	103	880	262
8	81	97	840	259
9	104	96	885	259
10	108	98	890	259
11	120	111	891	260
12	135	121	918	261
13	102	119	862	259
14	148	128	933	261
15	164	138	954	263
16	166	159	951	263
17	169	166	951	261
18	169	168	968	261
19	160	166	964	261
20	142	157	940	262
21	115	139	879	263
22	108	122	862	260
23	113	112	878	260
AVG	126		902	260

South Broward County Resource Recovery Facility
 Unit #1 OPACITY 24 Hour Report
 for 5-29-1991
 printed at Midnight on 05-30-1991

Hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	4.3	4.4	4.3	4.1	4.3	4.2	4.2	4.1	4.1	4.1
1	4.2	4.2	4.3	4.4	4.2	4.1	4.1	4.1	4.4	4.2
2	4.1	4.0	4.1	4.1	4.0	4.1	4.3	4.3	4.3	4.1
3	4.1	-99.0	4.2	4.1	4.0	3.9	3.9	4.0	4.0	4.0
4	4.0	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0
5	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.0	4.0
6	4.0	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9
7	3.9	3.9	3.9	3.9	4.0	4.1	4.1	4.0	4.0	4.0
8	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1
9	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.2
0	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.4	4.4	4.5
1	4.5	4.5	4.4	4.4	4.4	4.5	4.4	4.4	4.5	4.5
2	4.5	4.5	4.6	4.6	4.5	4.6	4.6	4.6	4.6	4.6
3	4.6	4.6	4.6	4.5	4.5	4.5	4.7	4.7	4.7	4.7
4	4.7	4.8	4.7	4.7	4.7	4.5	4.6	4.6	4.6	4.7
5	4.7	4.7	4.8	4.7	4.6	4.7	4.8	4.8	4.8	4.7
6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9
7	4.9	4.9	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.6
8	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5
9	4.5	4.5	4.5	4.6	4.5	4.5	4.5	4.5	4.4	4.4
0	4.4	4.4	4.4	4.5	4.5	4.4	4.5	4.5	4.4	4.4
1	4.4	4.3	4.3	4.3	4.4	4.7	4.4	4.4	4.4	4.4
2	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.4	4.3	4.3
3	4.3	5.2	4.9	4.4	4.3	4.2	4.1	4.1	4.1	4.4

South Broward County Resource Recovery Facility
 Unit #1 OPACITY 24 Hour Report
 for 5-28-1991
 printed at Midnight on 05-29-1991

	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
1	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
2	3.3	3.3	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3
3	3.4	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.5	3.5
4	3.5	3.4	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.5
5	3.5	3.5	3.4	3.5	3.4	3.5	3.6	3.5	3.5	3.4
6	3.5	3.5	3.5	3.6	3.5	3.4	3.4	3.5	3.4	3.4
7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
8	3.6	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9
9	3.9	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8
0	3.9	3.9	3.9	3.8	3.9	3.9	3.9	4.0	4.0	3.9
1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
2	4.0	4.0	4.0	4.0	4.0	3.9	3.9	4.0	4.0	4.0
3	4.0	4.0	4.0	4.1	4.1	4.1	4.1	-99.0	4.0	4.1
4	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.1
5	4.1	4.2	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.2
6	4.2	4.3	4.2	4.4	4.4	4.3	4.3	4.4	4.3	4.3
7	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.1
8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
9	4.0	4.1	4.0	4.1	4.1	4.1	4.0	4.0	4.0	3.9
0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0
1	4.0	4.1	4.0	4.0	4.1	4.2	4.1	4.0	4.0	4.0
2	4.1	4.1	4.0	4.0	4.1	4.1	4.1	4.1	4.2	4.2
3	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.2

South Broward County Resource Recovery Facility
 Unit #1 OPACITY 24 Hour Report
 for 5-27-1991
 printed at Midnight on 05-28-1991

Hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.2
1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.2
2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.3
3	3.3	3.3	3.2	3.3	3.3	3.2	3.3	3.3	3.3	3.3
4	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2
5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
6	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.3	3.2	3.2
7	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.3
8	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.3	3.3
9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
0	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4
1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5
2	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.4
3	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4
4	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6
5	3.6	3.6	3.6	3.5	3.5	3.6	3.5	3.5	3.5	3.5
6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.6
7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5
8	3.5	3.5	3.5	3.5	3.4	3.4	3.5	3.5	3.5	3.4
9	3.5	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.6	3.5
0	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3
1	3.3	3.3	3.3	3.3	3.4	3.5	3.4	3.4	3.4	3.3
2	3.3	3.3	3.4	3.3	3.3	3.2	3.3	3.3	3.2	3.2
3	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.3	3.3

South Broward County Resource Recovery Facility
 Unit #1 OPACITY 24 Hour Report
 for 5-25-1991
 printed at Midnight on 05-26-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.3	3.3	3.3
1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
2	3.2	3.3	3.3	3.2	3.4	3.5	3.5	3.4	3.3	3.4
3	3.3	3.4	3.5	3.4	3.5	3.7	3.6	3.5	3.5	3.6
4	3.4	3.3	3.3	3.2	3.2	3.3	3.3	3.3	3.2	3.2
5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
6	3.3	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1
7	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.4
8	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.3
9	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.3	3.3
0	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.3
1	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.4	3.5	3.5
2	3.4	3.5	3.4	3.5	3.5	3.6	3.6	3.6	3.6	3.6
3	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.6
4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.7
5	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
6	3.5	3.6	3.5	3.5	3.5	3.6	3.5	3.6	3.5	3.5
7	3.5	3.5	3.5	3.5	3.6	3.6	3.7	3.6	3.6	3.6
8	3.7	3.7	3.6	3.6	3.6	3.5	3.6	3.6	3.6	3.6
9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4
0	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.3	3.4	3.4
1	3.5	3.4	3.4	3.4	3.4	3.6	3.4	3.4	3.3	3.3
2	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4
3	3.4	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4

South Broward County Resource Recovery Facility
 Unit #1 OPACITY 24 Hour Report
 for 5-24-1991
 printed at Midnight on 05-25-1991

	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
1	3.2	3.2	3.2	3.1	3.2	3.1	3.1	3.2	3.2	3.2
2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2
3	3.1	3.1	3.2	3.1	3.1	3.1	3.2	3.2	3.2	3.2
4	3.1	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.1
5	3.1	3.1	3.2	3.1	3.2	3.2	3.2	3.1	3.1	3.1
6	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.2
7	3.2	3.3	3.2	3.3	3.3	3.2	3.2	3.3	3.3	3.2
8	3.3	3.2	3.3	3.3	3.2	3.2	3.3	3.3	3.3	3.2
9	3.2	3.2	3.3	3.3	3.5	3.5	3.4	3.5	3.5	3.4
0	3.4	3.3	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3
1	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.4
3	3.3	3.3	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.3
4	3.4	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3
5	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4
6	3.4	3.5	3.5	3.5	3.4	3.4	3.5	3.5	3.5	3.5
7	3.5	3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.6	3.6
8	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.4	3.5
9	3.4	3.4	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.4
0	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.3
2	3.3	3.3	3.3	3.3	3.2	3.5	3.2	3.2	3.2	3.3
3	3.2	3.3	3.3	3.2	3.2	3.2	3.3	3.3	3.3	3.4
4	3.4	3.3	3.3	3.2	3.2	3.2	3.3	3.2	3.2	3.2

Unit 1

OPACITY CALIBRATION REPORT AT 21:35:02 05-30-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	1.9	1.7	-0.2
SPAN	31.9	32.4	0.5

Unit 1

OPACITY CALIBRATION REPORT AT 21:35:03 05-29-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	1.7	1.8	0.1
SPAN	32.4	32.0	-0.4

Unit 1

OPACITY CALIBRATION REPORT AT 21:35:06 05-28-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	1.8	2.0	0.2
SPAN	32.0	31.6	-0.4

Unit 1

OPACITY CALIBRATION REPORT AT 21:35:02 05-27-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	2.0	1.8	-0.2
SPAN	31.6	32.1	0.5

Unit 1
OPACITY CALIBRATION REPORT AT 21:35:02 05-26-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	1.8	1.8	-0.0
SPAN	32.1	32.0	-0.1

Unit 1

OPACITY CALIBRATION REPORT AT 21:34:58 05-25-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	1.8	1.8	0.0
SPAN	32.0	31.9	-0.0

Unit 1

OPACITY CALIBRATION REPORT AT 09:34:57 05-24-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	2.0	1.8	-0.2
SPAN	31.7	32.1	0.4

Seaboard Broward County Resource Recovery Facility
 Unit #2 24 Hour Report of
 Flows and Temperatures
 for MAY 30, 1991
 printed at 07:55:54 on 05-31-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	191	191	971	275
1	192	192	981	276
2	191	191	965	276
3	192	192	937	274
4	192	192	951	275
5	192	192	955	275
6	191	192	963	274
7	191	191	964	274
8	192	192	961	273
9	192	192	962	273
10	191	192	961	273
11	192	192	965	274
12	192	191	974	273
13	191	191	973	272
14	192	191	987	273
15	192	191	993	274
16	192	192	995	274
17	191	192	984	271
18	192	192	995	255
19	190	191	995	251
20	192	191	999	252
21	192	191	1000	256
22	191	191	1000	259
23	192	192	1005	263
AVG	191		977	269

South Broward County Resource Recovery Facility
 Unit #2 24 Hour Report of
 Flows and Temperatures
 for MAY 29, 1991
 printed at Midnight on 05-30-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	177	179	948	278
1	143	170	913	278
2	138	153	910	278
3	177	153	962	279
4	172	163	932	279
5	186	179	909	276
6	190	183	936	275
7	189	189	932	275
8	190	190	942	276
9	192	191	942	277
10	188	190	942	276
11	48	143	741	270
12	171	136	955	274
13	189	136	980	275
14	190	183	975	275
15	182	187	963	276
16	187	186	943	276
17	190	186	968	276
18	190	189	963	276
19	192	191	985	275
20	148	177	916	275
21	192	177	956	274
22	191	177	951	275
23	192	191	962	275
AVG	175		939	276

South Broward County Resource Recovery Facility
 Unit #2 24 Hour Report of
 Flows and Temperatures
 for MAY 28, 1991
 printed at Midnight on 05-29-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	169	174	914	275
1	175	172	905	275
2	175	173	920	274
3	172	174	921	275
4	163	170	913	275
5	153	163	903	274
6	145	154	891	274
7	169	156	929	275
8	177	164	930	276
9	173	173	920	275
10	181	177	928	276
11	184	179	925	276
12	189	185	940	276
13	188	187	959	275
14	184	187	970	277
15	191	188	981	276
16	192	189	982	277
17	192	192	986	276
18	179	188	959	276
19	156	176	939	275
20	156	164	902	276
21	147	153	930	277
22	168	157	933	277
23	191	169	957	278
AVG	174		935	276

South Broward County Resource Recovery Facility
 Unit #2 24 Hour Report of
 Flows and Temperatures
 for MAY 27, 1991
 printed at Midnight on 05-28-1991

HOUR	STEAM	STEAM	FURNACE	FAB. FILT.
	FLOW K#/HR 1 -HR	FLOW K#/HR 3-HR	TEMP deg F 1-HR	TEMP deg F 1-HR
0	187	175	933	275
1	185	178	939	275
2	193	188	937	275
3	190	189	934	275
4	190	191	937	275
5	191	190	948	276
6	188	190	957	275
7	190	189	950	275
8	189	189	961	276
9	189	189	956	277
10	190	189	953	275
11	189	190	947	276
12	190	190	939	275
13	177	185	925	276
14	188	185	935	277
15	189	185	930	277
16	191	189	929	277
17	183	188	937	277
18	185	186	956	277
19	169	179	942	277
20	160	171	936	275
21	168	166	948	276
22	181	170	957	276
23	172	174	932	275
AVG	184		942	276

South Broward County Resource Recovery Facility
 Unit #2 24 Hour Report of
 Flows and Temperatures
 for MAY 26, 1991
 printed at Midnight on 05-27-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	160	166	932	278
1	118	145	862	276
2	136	138	886	276
3	137	130	898	275
4	157	143	922	277
5	171	155	892	275
6	179	169	911	275
7	177	176	913	273
8	185	180	921	275
9	189	183	925	274
10	191	188	924	276
11	190	190	928	275
12	185	188	933	274
13	190	188	933	274
14	188	188	925	274
15	190	189	932	275
16	189	189	938	276
17	186	189	942	277
18	187	188	938	276
19	180	185	925	276
20	175	181	895	275
21	180	178	921	275
22	177	177	924	274
23	161	173	913	275
AVG	174		918	275

South Broward County Resource Recovery Facility
 Unit #2 24 Hour Report of
 Flows and Temperatures
 for MAY 25, 1991
 printed at Midnight on 05-26-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	118	105	884	277
1	112	108	863	277
2	115	115	871	276
3	125	117	882	277
4	154	131	920	278
5	141	140	915	277
6	139	145	906	278
7	149	143	918	276
8	158	149	939	276
9	159	155	920	278
10	146	154	897	277
11	164	156	915	277
12	168	159	937	278
13	170	168	923	276
14	175	171	927	279
15	172	172	920	277
16	180	176	935	278
17	179	177	926	278
18	184	181	961	277
19	183	182	969	277
20	181	183	954	277
21	182	182	934	278
22	179	181	918	277
23	158	173	928	278
AVG	158		919	277

South Broward County Resource Recovery Facility
 Unit #2 24 Hour Report of
 Flows and Temperatures
 for MAY 24, 1991
 printed at Midnight on 05-25-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	114	112	844	273
1	112	111	849	273
2	122	116	863	276
3	114	116	872	275
4	114	117	880	277
5	112	114	871	276
6	100	109	843	274
7	109	107	880	276
8	122	110	877	276
9	137	123	889	275
10	130	130	903	274
11	137	135	897	274
12	130	132	853	276
13	142	136	896	275
14	137	136	883	274
15	164	148	903	277
16	169	157	912	277
17	159	164	908	275
18	173	167	930	277
19	170	167	936	277
20	142	162	896	276
21	112	141	859	274
22	104	119	840	275
23	92	103	805	276
AVG	130		879	275

Unit 2

OPACITY CALIBRATION REPORT AT 21:35:24 05-30-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.6	0.5	-0.1
SPAN	23.7	24.4	-0.6

Unit 2

OPACITY CALIBRATION REPORT AT 21:35:24 05-29-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.5	0.6	0.1
SPAN	24.4	24.3	-0.0

Unit 2
OPACITY CALIBRATION REPORT AT 21:35:24 05-28-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.6	0.8	0.2
SPAN	24.3	24.2	-0.2

Unit 2
OPACITY CALIBRATION REPORT AT 21:35:24 05-27-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.8	0.7	-0.1
SPAN	24.2	24.5	0.4

Unit 2
OPACITY CALIBRATION REPORT AT 21:35:21 05-25-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.7	0.6	-0.1
SPAN	24.7	25.1	0.4

Unit 2
OPACITY CALIBRATION REPORT AT 09:35:18 05-24-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.7	0.6	-0.1
SPAN	24.9	25.3	0.4

South Broward County Resource Recovery Facility
 Unit #2 OPACITY 24 Hour Report
 for 5-30-1991
 printed at 08:11:09 on 05-31-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	2.0	2.1	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.0
1	2.0	2.0	2.1	2.0	2.1	2.1	2.0	2.0	2.0	2.0
2	1.9	1.9	2.0	1.9	2.0	1.9	1.9	2.0	2.0	1.9
3	1.9	2.4	1.9	2.1	1.9	1.9	1.9	1.9	1.8	1.8
4	1.9	1.9	1.9	2.0	1.9	1.9	2.0	2.0	2.0	1.9
5	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1
6	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
7	1.9	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.7	1.7
8	1.7	1.7	1.7	1.6	1.7	1.7	1.8	1.9	1.9	1.9
9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.7	1.7
10	1.6	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.5
11	1.6	1.5	1.6	1.6	1.5	1.5	1.4	1.5	1.6	1.6
12	1.5	1.6	1.5	1.6	1.6	1.5	1.5	1.5	1.6	1.5
13	1.4	1.4	1.4	1.8	1.9	1.8	1.8	1.8	1.8	1.7
14	1.7	1.7	1.8	1.9	2.0	1.9	1.8	1.8	1.8	1.9
15	1.9	1.9	1.9	2.0	2.0	2.1	2.0	2.1	2.2	2.0
16	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
17	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0
18	1.8	1.8	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.7
19	1.7	1.7	1.9	1.7	1.7	1.7	1.8	1.7	1.7	1.9
20	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.8	1.8	1.8
21	1.9	1.9	1.8	1.8	1.8	2.1	1.8	1.8	1.8	1.8
22	1.9	1.8	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.8
23	1.9	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	1.9

South Broward County Resource Recovery Facility
 Unit #2 OPACITY 24 Hour Report
 for 5-29-1991
 printed at Midnight on 05-30-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	2.2	2.1	2.1	2.0	1.9	1.9	2.0	1.9	1.9	2.0
1	2.0	2.0	1.9	1.9	1.9	2.0	1.9	1.9	1.8	1.8
2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
3	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
4	1.9	1.9	1.9	2.0	2.0	2.1	2.0	2.0	2.0	2.4
5	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
6	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0
7	2.0	1.9	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8
8	1.9	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
9	1.8	1.9	1.9	2.0	1.9	1.8	1.8	1.9	1.8	1.7
10	1.7	1.7	1.8	1.9	1.9	1.8	1.8	1.8	1.9	1.9
11	1.8	1.6	1.6	1.4	1.4	1.4	1.4	1.4	1.5	1.7
12	1.9	2.0	1.7	1.7	1.8	1.8	1.7	1.8	1.8	1.7
13	1.7	1.8	1.8	1.7	1.9	1.8	1.8	1.7	1.8	1.8
14	1.8	1.8	1.8	1.8	1.7	1.8	1.9	1.9	1.9	2.1
15	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1
16	2.0	2.1	2.1	2.0	2.0	2.1	2.0	2.0	2.2	2.1
17	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.0
18	-99.0	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.1
19	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2
20	2.1	2.1	2.0	1.8	1.8	1.9	2.0	2.0	2.0	2.0
21	2.0	2.0	2.0	2.0	1.9	2.1	1.9	2.0	2.0	2.0
22	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.0	2.0
23	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.1	2.0	2.0

South Broward County Resource Recovery Facility
 Unit #2 OPACITY 24 Hour Report
 for 5-28-1991
 printed at Midnight on 05-29-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.9	1.5
1	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6
2	1.6	1.6	1.7	1.6	1.6	1.6	1.7	1.6	1.7	1.7
3	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7
4	1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7
5	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.6	1.6
6	1.6	1.6	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.7
7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
8	1.7	1.7	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.5
9	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
0	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.6	1.5	1.5
1	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.6	1.5
2	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.5
3	1.4	1.3	1.3	1.4	1.4	1.4	1.5	1.6	1.5	1.6
4	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.6
5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
6	1.6	1.6	1.7	1.8	1.7	1.8	1.8	1.9	1.9	1.9
7	1.8	1.9	1.9	1.8	1.9	1.9	2.0	1.9	1.9	1.9
8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.8
9	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
0	2.0	1.9	1.8	1.9	1.9	1.9	1.9	1.8	1.8	1.7
1	1.8	1.7	1.7	1.8	1.8	2.1	1.8	1.9	1.9	1.9
2	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	2.0
3	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.1	2.1	2.2

South Broward County Resource Recovery Facility
 Unit #2 OPACITY 24 Hour Report
 for 5-27-1991
 printed at Midnight on 05-28-1991

ur	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	1.4	1.4	1.4	1.4	1.6	1.6	1.5	1.4	1.3	1.3
1	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5
2	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4
3	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5
4	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5
5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
6	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5
7	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.6	1.4	1.4
8	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
9	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.4
0	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.2
1	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.4	1.3
2	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4
3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.3
4	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.3
5	1.3	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.4	1.4
6	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.4	1.4
7	1.4	1.3	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.6
8	1.6	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4
9	1.5	1.4	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7
0	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.5	1.5	1.5
1	1.5	1.5	1.5	1.6	1.5	1.8	1.5	1.5	1.5	1.4
2	1.5	1.5	1.5	1.6	1.5	1.6	1.5	1.6	1.5	1.4
3	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.6	1.5

South Broward County Resource Recovery Facility
 Unit #2 OPACITY 24 Hour Report
 for 5-26-1991
 printed at Midnight on 05-27-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	1.8	1.7	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.5
1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
2	1.6	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.6	1.6
3	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
4	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.8
5	1.7	1.8	2.0	1.6	1.7	1.7	1.6	1.6	1.7	1.7
6	1.7	1.7	1.7	1.7	1.8	1.6	1.6	1.6	1.6	1.6
7	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
8	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.4
9	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5
10	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.6	1.6	1.6
11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.6	1.6
12	1.7	1.7	1.7	1.8	1.7	1.7	1.6	1.5	1.5	1.5
13	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4
14	1.2	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.4
15	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3
16	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
17	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.5	1.5
18	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.5
19	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
20	1.5	1.4	1.9	1.3	1.3	1.3	1.3	1.3	1.3	1.4
21	1.2	1.2	1.3	1.3	1.3	1.5	1.4	1.3	1.2	1.2
22	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
23	1.6	1.5	1.4	1.4	1.4	1.3	1.4	1.3	1.3	1.3

South Broward County Resource Recovery Facility
 Unit #2 OPACITY 24 Hour Report
 for 5-25-1991
 printed at Midnight on 05-26-1991

ur	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0
1	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0
2	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.0
3	2.0	1.9	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.9
4	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.7	1.8	1.7
5	1.7	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7
6	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6
8	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.6	1.7
9	1.5	1.6	1.6	1.6	1.5	1.7	1.7	1.5	1.5	1.5
10	1.4	1.3	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.7
11	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.6
12	1.6	1.6	1.6	1.5	1.6	1.5	1.4	1.6	1.5	1.5
13	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
14	1.6	1.6	1.7	1.7	1.6	1.6	1.5	1.6	1.6	1.6
15	1.6	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7
16	1.7	1.7	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7
17	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7
18	1.8	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8
19	1.8	1.8	1.9	1.8	1.9	1.8	1.8	1.8	1.9	1.8
20	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7
21	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.9	1.8	1.8
22	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
23	1.8	1.8	1.7	1.7	1.8	1.7	1.6	1.6	1.6	1.7

South Broward County Resource Recovery Facility
 Unit #2 OPACITY 24 Hour Report
 for 5-24-1991
 printed at Midnight on 05-25-1991

ur	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.8
1	1.8	1.7	1.7	1.8	1.8	1.7	1.8	1.8	1.8	1.8
2	2.0	1.9	1.8	1.9	1.8	2.0	1.9	1.8	1.9	1.9
3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
4	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.8
5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8
6	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
7	1.7	1.7	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.8
8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.8
9	1.8	1.8	1.7	1.7	1.7	2.0	1.7	1.7	1.7	1.6
10	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
11	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.6	1.7	1.7
12	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6
13	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
14	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
15	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
16	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.7
17	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.8	1.7	1.7
18	1.7	1.7	1.8	1.7	1.7	1.8	1.8	1.7	1.9	1.9
19	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8
20	1.8	1.7	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8
21	1.8	1.8	1.9	1.8	1.8	2.0	1.8	1.8	1.9	1.8
22	1.8	1.9	1.8	1.8	1.9	1.9	1.8	1.9	1.9	1.9
23	2.0	1.9	1.9	2.0	2.0	1.9	2.0	1.9	2.0	2.0

Unit 3

OPACITY CALIBRATION REPORT AT 06:38:41 05-10-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.4	0.3	-0.0
SPAN	36.4	36.4	-0.0

10 15 0000 15:41:32 05-11-1991

Unit 3

OPACITY CALIBRATION REPORT AT 15:38:40 05-11-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.4	0.3	-0.1
SPAN	36.5	36.4	-0.1

10 21 0000 21:29:04 05-12-1991

Unit 3

OPACITY CALIBRATION REPORT AT 21:25:45 05-12-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.3	0.3	-0.1
SPAN	36.4	36.4	0.0

10 21 0000 21:29:26 05-13-1991

Unit 3

OPACITY CALIBRATION REPORT AT 21:25:50 05-13-1991

	CURRENT	PREVIOUS	DRIFT
ZERO	0.1	0.3	0.2
SPAN	36.5	36.4	-0.1

CURRENT

PREVIOUS

DRIFT

ZERO
SPAN

0.3
36.3

0.3
36.3

-0.0
0.0

	CURRENT	PREVIOUS	DRIFT
ZERO	0.2	0.3	0.1
SPAN	36.6	36.3	-0.3

	CURRENT	PREVIOUS	DRIFT
ZERO	0.4	0.3	-0.0
SPAN	36.4	36.3	-0.1

South Broward County Resource Recovery Facility
 Unit #3 OPACITY 24 Hour Report
 for 5-10-1991
 printed at Midnight on 05-11-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.8
1	0.9	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	0.9
2	0.9	0.9	0.9	0.8	0.9	0.9	0.9	1.0	0.9	0.8
3	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.8
4	0.9	1.0	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8
5	0.7	0.8	0.9	0.9	0.8	0.7	0.8	0.8	0.9	0.8
6	0.8	0.9	0.9	0.8	0.9	1.0	1.0	1.0	1.0	0.9
7	0.9	0.9	1.0	0.9	0.9	0.8	0.8	0.9	0.8	0.9
8	1.1	1.0	0.9	0.8	0.9	0.8	0.7	0.8	0.9	1.0
9	0.9	0.7	0.7	0.9	0.9	0.9	0.9	0.8	0.9	0.8
10	0.8	1.0	1.0	0.9	0.8	0.7	0.6	0.7	0.7	0.8
11	0.8	0.8	0.8	0.8	0.7	0.6	0.8	0.9	1.0	1.0
12	0.9	0.9	0.9	1.0	0.8	0.8	0.8	0.7	0.7	0.8
13	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.8
14	0.9	1.1	1.2	0.9	0.8	0.9	0.7	0.7	0.7	0.7
15	0.8	0.9	0.7	0.7	0.8	0.8	0.9	0.8	0.8	0.9
16	0.9	1.0	1.0	1.1	1.1	1.0	1.0	1.0	0.8	0.8
17	0.8	0.7	0.8	0.8	0.8	0.9	0.9	1.0	0.9	0.8
18	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8
19	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
20	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
21	1.0	0.9	1.0	1.1	1.0	1.1	1.1	1.0	0.9	1.0
22	0.9	0.9	0.8	0.9	1.0	0.9	0.9	0.8	0.9	0.8
23	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.8	0.8

South Broward County Resource Recovery Facility
 Unit #3 OPACITY 24 Hour Report
 for 5-11-1991
 printed at 10:30:49 on 05-13-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	0.9	0.9	0.9	0.9	0.9	1.0	0.8	0.8	0.8	0.9
1	1.0	1.0	0.9	0.8	0.7	0.8	0.8	0.9	0.8	0.7
2	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.0	0.9	0.8
3	0.8	0.8	0.7	0.8	0.9	1.0	1.0	1.0	1.1	1.0
4	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	0.9	1.0
5	1.0	1.1	1.1	0.9	0.9	1.0	1.1	1.1	1.0	1.1
6	1.1	1.0	1.0	1.0	1.1	1.0	0.9	0.9	0.9	1.0
7	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1
8	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1
9	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.0	0.9	0.9
10	1.0	0.9	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
11	1.1	1.0	0.9	0.9	0.8	0.9	1.0	0.9	0.8	0.8
12	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9
13	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0
14	1.1	1.1	1.0	1.0	1.0	1.1	1.2	1.1	1.1	1.1
15	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0
17	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
18	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
19	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.2
20	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1
21	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1
22	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.1
23	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.0

South Broward County Resource Recovery Facility
 Unit #3 OPACITY 24 Hour Report
 for 5-12-1991
 printed at Midnight on 05-13-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	1.1	1.0	1.1	1.0	0.9	1.0	1.0	0.9	1.0	1.0
1	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7
2	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
3	0.8	0.7	0.8	0.8	0.9	0.9	0.8	0.8	0.9	0.8
4	0.8	0.8	0.9	0.9	1.0	1.0	0.9	0.9	1.0	1.0
5	0.9	0.8	0.9	0.9	1.0	0.9	1.0	0.8	0.9	0.9
6	0.9	1.0	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9
7	0.9	0.9	0.8	0.8	0.7	0.7	0.8	0.7	0.8	0.8
8	0.9	0.8	0.8	0.6	0.7	0.8	0.8	0.9	0.8	0.8
9	0.7	0.9	0.8	0.8	0.7	0.6	0.8	0.7	0.7	0.8
10	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
11	0.9	0.9	0.9	0.7	0.9	0.8	0.8	0.8	0.8	0.8
12	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
13	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7
14	0.7	0.6	0.6	0.9	1.1	1.1	0.9	0.7	0.7	0.7
15	0.7	0.8	0.8	0.9	0.8	0.8	0.9	1.0	0.9	0.9
16	0.7	0.9	0.9	0.8	0.9	0.9	0.8	1.1	1.1	0.8
17	1.0	1.0	1.0	0.9	0.9	1.1	0.9	0.9	1.1	1.0
18	1.0	0.8	0.7	0.8	0.9	1.0	1.1	0.9	0.9	0.8
19	0.8	0.8	0.9	1.0	1.1	0.9	0.8	0.8	0.7	0.7
20	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9
21	0.8	0.7	0.7	0.8	0.9	0.8	0.9	0.9	1.0	0.9
22	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
23	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8

South Broward County Resource Recovery Facility
 Unit #3 OPACITY 24 Hour Report
 for 5-13-1991
 printed at Midnight on 05-14-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1	0.9	0.9	0.9	1.0	1.0	0.9	1.0	1.0	0.9	0.9
2	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.1
3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.1
4	1.1	1.0	1.0	1.1	1.2	1.2	1.1	1.2	1.2	1.2
5	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1
6	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
7	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.1
8	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
9	0.9	1.0	1.0	0.9	1.1	1.0	0.9	0.8	0.8	1.0
10	1.2	1.0	1.1	0.9	0.9	0.9	0.9	0.9	0.7	0.8
11	0.7	0.7	0.7	0.5	0.4	0.5	0.5	0.7	0.9	1.1
12	1.1	1.1	1.0	0.9	0.8	0.8	0.6	0.6	0.7	0.9
13	1.1	1.1	1.0	1.0	1.2	1.1	1.1	1.2	1.0	0.9
14	0.9	0.9	0.8	0.9	1.0	0.9	1.0	1.2	1.1	1.0
15	0.9	0.9	1.0	0.9	1.0	0.9	0.9	1.0	1.0	1.0
16	0.9	0.9	0.7	0.7	0.8	0.9	1.1	1.0	1.0	1.0
17	1.3	1.2	1.3	1.4	1.5	1.4	1.3	1.3	1.4	1.3
18	1.2	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1
19	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.2
20	1.1	1.0	1.0	0.9	1.0	1.2	1.2	1.2	1.2	1.2
21	1.2	1.1	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.1
22	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.1	1.1
23	1.2	1.1	1.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1

South Broward County Resource Recovery Facility
 Unit #3 OPACITY 24 Hour Report
 for 5-15-1991
 printed at Midnight on 05-16-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	1.3	1.2	1.3	1.3	1.2	1.1	1.1	1.1	1.0	1.0
1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0
2	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
4	1.1	1.1	1.1	1.0	1.0	0.9	0.9	1.0	1.0	1.0
5	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1
6	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9
7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9
8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0
9	1.0	1.1	1.1	1.2	1.3	1.2	1.1	1.1	1.2	1.0
10	0.8	0.9	0.9	1.0	1.1	1.0	1.0	1.0	0.9	1.0
11	1.0	1.0	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.2
12	1.3	1.2	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.2
13	1.1	1.1	1.1	1.2	1.1	1.1	1.1	0.9	0.9	1.1
14	1.2	1.3	1.3	1.0	1.1	1.2	1.0	0.9	1.1	0.9
15	0.6	0.8	1.0	1.2	1.2	1.3	1.3	1.4	1.3	1.2
16	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.1	1.1	1.2
17	1.2	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.3
18	1.3	1.4	1.4	1.3	1.4	1.2	1.1	1.1	1.1	1.0
19	1.2	1.2	1.3	1.1	1.0	1.0	1.0	1.1	1.3	1.3
20	1.3	1.2	1.3	1.2	1.3	1.2	1.2	1.0	1.1	1.2
21	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1
22	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1
23	1.1	1.1	1.1	1.0	0.9	0.9	0.9	1.0	1.0	1.0

South Broward County Resource Recovery Facility
 Unit #3 OPACITY 24 Hour Report
 for 5-16-1991
 printed at Midnight on 05-17-1991

hour	:06	:12	:18	:24	:30	:36	:42	:48	:54	:60
0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.9
1	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0
3	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0
4	1.0	1.0	0.9	0.9	0.9	0.9	1.0	0.9	1.0	0.9
5	0.9	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.0
6	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.9	1.0	1.0
7	1.0	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.8
8	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.7	0.7	0.7
9	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.6	0.5
10	0.7	0.7	0.5	0.5	0.4	0.4	0.2	0.1	0.4	0.7
11	0.6	0.7	0.7	0.6	0.5	0.5	0.7	0.6	0.6	0.6
12	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.5	0.6
13	0.6	0.6	0.7	0.7	0.7	0.6	0.4	0.5	0.5	0.6
14	0.5	0.5	0.7	0.5	0.5	0.5	0.4	0.3	0.4	0.4
15	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.7	0.8	0.7
16	0.7	0.7	0.5	0.6	0.5	0.4	0.4	0.4	0.4	0.5
17	0.3	0.4	0.6	0.4	0.5	0.4	0.4	0.4	0.4	0.4
18	0.3	0.3	0.2	0.4	0.5	0.4	0.4	0.4	0.3	0.3
19	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
20	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
21	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.3
22	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.3	0.4

Flows and Temperatures
 for MAY 10, 1991
 printed at Midnight on 05-11-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	188	186	909	290
1	184	186	913	289
2	190	187	917	290
3	190	188	895	290
4	188	190	902	290
5	191	190	911	290
6	191	190	913	289
7	190	191	913	286
8	192	191	919	283
9	188	190	926	283
10	167	182	885	282
11	185	180	888	283
12	193	182	917	284
13	171	183	898	282
14	193	186	910	284
15	188	184	910	284
16	191	191	903	282
17	192	190	901	282
18	191	191	906	283
19	191	191	894	283
20	191	191	884	281
21	190	191	879	280
22	190	190	893	280
23	190	190	916	279
AVG	188		904	284

South Broward County Resource Recovery Facility
 Unit #3 24 Hour Report of
 Flows and Temperatures
 for MAY 11, 1991
 printed at 10:15:08 on 05-13-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	190	190	901	281
1	190	190	902	282
2	189	190	898	283
3	190	190	891	283
4	190	190	906	283
5	190	190	904	281
6	190	190	907	281
7	190	190	907	282
8	190	190	902	282
9	191	190	903	283
10	190	191	913	283
11	190	191	919	281
12	191	191	921	283
13	190	191	926	283
14	191	191	933	282
15	190	190	941	282
16	191	190	944	282
17	177	186	925	282
18	144	171	850	281
19	154	158	861	280
20	161	153	858	280
21	160	158	872	282
22	186	169	893	283
23	194	180	913	283
AVG	184		904	282

South Broward County Resource Recovery Facility
 Unit #3 24 Hour Report of
 Flows and Temperatures
 for MAY 12, 1991
 printed at Midnight on 05-13-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	191	190	940	284
1	177	187	919	281
2	193	187	910	280
3	191	187	893	279
4	193	192	907	278
5	191	192	906	279
6	192	192	916	279
7	192	192	920	280
8	192	192	913	281
9	192	192	920	281
10	191	192	923	281
11	192	191	934	282
12	193	192	939	283
13	192	192	945	283
14	192	192	944	282
15	192	192	954	282
16	192	192	952	282
17	192	192	951	283
18	192	192	947	282
19	192	192	948	281
20	192	192	951	281
21	192	192	950	282
22	192	192	947	282
23	192	192	922	281
AVG	191		931	281

South Broward County Resource Recovery Facility
 Unit #3 24 Hour Report of
 Flows and Temperatures
 for MAY 13, 1991
 printed at Midnight on 05-14-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	192	192	925	280
1	192	192	940	282
2	191	192	931	281
3	192	192	914	281
4	192	192	925	281
5	192	192	937	280
6	192	192	931	280
7	192	192	944	280
8	192	192	946	280
9	188	190	926	282
10	173	184	890	282
11	186	182	897	283
12	191	184	922	283
13	190	189	920	283
14	190	191	922	282
15	185	188	931	283
16	162	179	908	282
17	148	165	901	280
18	190	167	944	282
19	191	176	939	283
20	184	188	926	283
21	178	184	913	281
22	183	182	942	280
23	179	180	936	279
AVG	185		925	281

South Broward County Resource Recovery Facility
 Unit #3 24-Hour Report of
 Flows and Temperatures
 for MAY 14, 1991
 printed at Midnight on 05-15-1991

HOOR	STEAM FLOW K#/HR 1-HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	188	183	935	280
1	191	186	919	280
2	193	191	893	281
3	192	192	890	281
4	164	183	866	281
5	150	169	855	279
6	154	156	862	279
7	187	164	897	281
8	177	173	893	281
9	181	182	917	281
10	184	180	917	283
11	185	183	925	284
12	189	186	931	283
13	192	188	925	283
14	191	191	921	283
15	192	191	927	284
16	191	191	923	284
17	187	190	922	282
18	176	185	917	283
19	186	183	942	283
20	167	176	924	282
21	149	167	899	281
22	142	153	883	282
23	135	142	831	283
AVG	177		905	282

South Broward County Resource Recovery Facility
 Unit #3 24 Hour Report of
 Flows and Temperatures
 for MAY 15, 1991
 printed at Midnight on 05-16-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	176	151	891	284
1	165	159	882	284
2	150	164	856	282
3	151	155	874	282
4	169	157	893	282
5	171	164	886	281
6	171	170	884	282
7	188	177	917	283
8	186	182	906	283
9	180	185	891	284
10	193	186	899	284
11	190	187	924	283
12	192	192	938	280
13	190	191	941	281
14	171	185	910	281
15	171	177	912	280
16	181	174	927	280
17	179	177	927	280
18	154	171	892	278
19	144	159	888	278
20	153	151	892	281
21	154	150	869	282
22	135	147	850	280
23	173	154	896	282
AVG	170		898	281

South Broward County Resource Recovery Facility
 Unit #3 24 Hour Report of
 Flows and Temperatures
 for MAY 16, 1991
 printed at Midnight on 05-17-1991

HOUR	STEAM FLOW K#/HR 1 -HR	STEAM FLOW K#/HR 3-HR	FURNACE TEMP deg F 1-HR	FAB. FILT. TEMP deg F 1-HR
0	155	154	871	282
1	148	159	868	282
2	164	156	876	282
3	151	154	852	282
4	143	153	841	282
5	149	148	836	282
6	166	153	860	282
7	185	167	899	281
8	187	179	898	280
9	186	186	902	284
10	187	186	892	285
11	181	185	911	284
12	185	185	913	283
13	187	184	915	284
14	181	184	911	284
15	187	185	899	283
16	181	183	909	284
17	190	186	915	283
18	189	187	919	283
19	190	189	907	283
20	189	189	923	284
21	191	190	915	283
22	189	189	927	283
23	184	188	908	285
AVG	177		894	283