



integrating design & engineering

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October 28, 2010
02051.0114.006

Mr. Robert Materna, Acting Executive Director
Mr. Bob Valent, Acting Executive Director
Rahway Valley Sewerage Authority
1050 East Hazelwood Avenue
Rahway, New Jersey 07065

RE: User Charge System
2010 Measuring Year – September Update

Dear Messrs. Materna and Valent:

Attached for your use please find the interim user charge calculation for the 2010 measuring year along with the flow, BOD and TSS data received through September 2010. This report does not include inter-municipal adjustments. An end of year final report will be issued separately, including the necessary inter-municipal and other required adjustments.

Should you have any comments or wish to discuss the information presented herein, please feel free to contact this office.

Very truly yours,

PAULUS, SOKOLOWSKI AND SARTOR, LLC

A handwritten signature in black ink, appearing to read 'James R. Wancho', with a long horizontal flourish extending to the right.

James R. Wancho, P.E.
Vice President

Enclosure

K:\02051\0002\Correspondence\User Charge\2010\June '10 1.doc

Table 1

**RAHWAY VALLEY SEWERAGE AUTHORITY
FIVE YEAR MOVING AVERAGE STATUS REPORT (September 2010 Update)**
Report Date: 10/20/10

MEMBER	ASSESSMENT ALLOCATION (PERCENT)						LAST ASSESSMENT ⁽¹⁾
	MEASURING YEAR						
	2006	2007	2008	2009	2010 ⁽²⁾	FIVE YEAR AVERAGE ⁽³⁾	
Clark	17.09	16.30	16.06	8.04	9.93	13.48	15.02
Cranford	1.44	6.94	8.93	10.53	9.52	7.47	6.67
Garwood	4.29	1.74	1.68	1.59	1.90	2.24	2.63
Kenilworth	6.11	5.66	5.33	5.04	1.03	4.63	5.59
Mountainside	4.02	3.74	3.92	3.95	5.27	4.18	3.92
Rahway	18.78	13.00	9.82	10.05	13.15	12.96	11.97
Roselle Park	1.92	1.90	2.65	2.74	2.41	2.32	2.33
Scotch Plains	6.39	6.34	6.71	7.55	6.53	6.70	6.88
Springfield	8.01	7.76	7.98	8.02	10.19	8.39	8.29
Westfield	11.96	15.36	14.20	15.65	13.22	14.08	14.08
Woodbridge	19.99	21.26	22.72	26.84	26.86	23.53	22.62
TOTAL	100	100	100	100	100	100	100

Notes:

(1) Five year moving average consisting of 2005, 2006, 2007, 2008 and 2009 measuring years.

(2) Figures computed based on FLOW, BOD and TSS data received as of date of report.

(3) Five year moving average consisting of 2006, 2007, 2008, 2009 and 2010 measuring years (to date).

Table 2

Measuring Year: 2010 (September 2010 Update)
Report Date: 10/20/10

Member	Average Daily Flow (MGD)		Biochemical Oxygen Demand (tons/day)		Total Suspended Solids (tons/day)		Cost of Operation to Date		Percent of Total Cost of Operation to Date
	2009	2010	2009	2010	2009	2010	2009	2010	
Clark	1.91	2.42	2.79	3.36	0.62	1.15	8.04	9.93	9.93
Cranford	3.03	2.73	1.57	1.52	2.70	2.60	10.53	9.52	9.52
Garwood	0.49	0.64	0.32	0.42	0.29	0.32	1.59	1.90	1.90
Kenilworth	1.58	1.03	1.20	0.28	0.70	-0.43	5.04	1.03	1.03
Mountainside	0.76	0.82	0.75	1.18	1.14	1.63	3.95	5.27	5.27
Rahway	4.89	4.98	0.99	1.36	1.59	3.42	10.05	13.15	13.15
Roselle Park	1.26	1.07	0.39	0.36	0.36	0.39	2.74	2.41	2.41
Scotch Plains	1.52	1.61	1.64	1.49	1.89	1.51	7.55	6.53	6.53
Springfield	2.09	2.58	1.55	2.07	1.84	2.58	8.02	10.19	10.19
Westfield	3.97	3.72	3.15	2.84	3.53	2.89	15.65	13.22	13.22
Woodbridge, recorded	6.59	7.09	5.13	6.08	7.35	6.72	N/A	N/A	N/A
Woodbridge, adjusted (1),(2)	6.09	6.59	5.13	6.08	6.93	6.30	26.84	26.86	26.86
Total, recorded	28.09	28.68	19.48	20.95	21.69	22.77	100.00	100	100
Total, adjusted (1),(2)	27.59	28.18	19.48	20.95	21.28	22.36			

Notes:

(1): Figure represents Woodbridge flow after 0.50 MGD flow credit is applied.

(2): Figure represents Woodbridge TSS loading after 833 lbs/day credit is applied.

Table 3

RAHWAY VALLEY SEWERAGE AUTHORITY
AVERAGE DAILY FLOW

Measuring Year: 2010
Report Date: 10/19/2010 15:15

Meter No.	2010												Average to Date
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	2.29	2.54	2.65	2.63	2.18	3.98	3.21	2.71	2.50	2.12	2.03	2.10	2.58
2	3.53	3.76	4.24	3.81	3.98	6.10	4.72	3.90	3.41	3.00	2.77	2.92	3.84
3	1.73	1.60	2.18	1.99	1.43	3.52	2.06	1.75	1.45	1.46	1.37	1.36	1.82
4	0.26	0.25	0.32	0.29	0.23	0.55	0.36	0.28	0.23	0.21	0.20	0.21	0.28
5	0.29	0.28	0.35	0.33	0.22	0.66	0.33	0.30	0.26	0.25	0.21	0.24	0.31
6	0.51	0.51	0.76	0.66	0.38	1.12	0.76	0.61	0.50	0.46	0.44	0.43	0.60
7	0.51	0.50	0.65	0.63	0.48	1.21	0.72	0.60	0.48	0.40	0.41	0.39	0.58
9	3.51	3.49	5.12	4.50	4.17	7.29	4.78	4.10	3.57	3.20	2.95	3.04	4.14
10	8.34	8.03	10.88	8.24	9.90	14.70	10.95	9.55	8.03	7.51	7.60	7.40	9.26
11	13.09	13.05	18.39	15.54	14.74	28.19	18.00	15.31	12.48	11.65	11.61	11.93	15.33
12	5.80	5.91	7.28	6.03	5.97	9.28	6.49	5.88	5.64	5.57	5.52	5.39	6.23
13	0.72	0.66	0.91	0.78	0.65	1.68	1.02	0.80	0.65	0.54	0.50	0.52	0.79
14	20.43	20.70	26.46	22.57	20.89	35.02	25.33	22.71	19.86	18.40	17.28	17.19	22.24
15	0.80	0.76	1.52	0.96	0.00	2.31	1.08	1.02	0.54	0.47	0.41	0.44	0.86
16	26.61	26.72	34.68	29.25	26.95	45.98	32.11	29.21	26.02	24.75	23.41	23.08	29.06
17	0.47	0.48	0.57	0.50	0.46	0.63	0.51	0.49	0.46	0.45	0.44	0.43	0.49
18	1.37	1.32	1.66	1.57	1.41	2.03	1.68	1.35	1.23	1.12	1.19	1.13	1.42
19	0.17	0.18	0.23	0.22	0.20	0.30	0.21	0.20	0.17	0.15	0.14	0.14	0.19
20	0.74	0.72	0.88	0.84	0.77	1.17	0.89	0.83	0.78	0.72	0.72	0.73	0.82
29	1.85	1.78	2.15	1.97	2.11	2.96	2.32	2.13	1.96	1.76	1.85	1.77	2.05
30	0.40	0.41	0.54	0.49	0.43	0.50	0.45	0.37	0.37	0.32	0.29	0.24	0.40
31 (1)	0.03	0.00	0.22	0.02	0.17	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.21

Precipitation (inches)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
	6.36	2.57	6.54	2.04	0.79	13.18	1.97	2.88	1.69	2.19	2.55	1.78	44.54

Notes:

(1) Installed in October 2009, Meter No. 31 measures flow through the Gravity Relief Sewer that would otherwise be metered through Meter No. 14. Flows from Meter No. 31 are therefore added to flows from Meter No. 14 for purposes of user charge calculations.

Table 4

Biochemical Oxygen Demand
Report Date: 10/20/10

No.	Sample Date	Mtr. 1	Mtr. 2	Mtr. 3	Mtr. 4	Mtr. 5	Mtr. 6	Mtr. 7	Mtr. 9	Mtr. 10	Mtr. 11	Mtr. 12	Mtr. 13	Mtr. 14	Mtr. 15	Mtr. 17	Mtr. 18	Mtr. 19	Mtr. 20	Mtr. 29	Mtr. 30
1	10/05-06/09 C	194	189					301				291							5500	148	234
2	10/05-07/09 C	155	206					218			209								843	124	239
3	10/07-08/09 C	263	214					231			270								541	121	227
4	10/08-09/09 C	174	227					248			275								412	114	205
5	10/19-20/09 C			220	336	271	289		283					238		278					
6	10/20-21/09 C			179	354	212	165		180					212		226					
7	10/21-22/09 C			135	224	268	292		205					200		120					
8	10/22-23/09 C			204	317	404	292		193					209		268					
9	10/25-27/09 C									194	245		125	227		92		143			
10	10/27/09 G*	147	354	177	150	161	156	177	228	174	179	183	161	150	158	90	226	164	204	156	229
11	10/27-28/09 C									204	213	169	206			209					
12	10/28-29/09 C									151	155	77	117			103					
13	10/29-30/09 C									174	159	130	150			91					
14	11/11/09 G*	182	195	206	219	275	222	237	237	185	209	182	176	208	197	87	183	212	209	192	255
15	11/23/09 G*	197	162	200	206	180	221	195	185	168	192	167	168	191	165	75	218	138	210	93	275
16	11/30/09-12/01/09 C	210	208					124			176								419	121	249
17	12/01-02/09 C	244	202					308			182								670	152	195
18	12/02-03/09 C	240	246					440			145								537	99	441
19	12/03-04/09 C	447	142					200			183								651	95	277
20	12/07/09 G*	177	210	174	207	250	288	262	206	138	273	180	185	206	188	113	276	214	217	170	176
21	12/07-08/09 C			113	402	231	216		173						132		225				
22	12/08-09/09 C			136	287	203	178		156						134		226				
23	12/10-11/09 C			103	275	103	111		102						72		174				
24	12/14-15/09 C								115	205	136	99	133								
25	12/15-16/09 C								189	206	206	118	206	117							
26	12/16-17/09 C								249	231	231	91	130								
27	12/17-18/09 C			153					128	145	150	127						141			
28	12/22/09 G*	188	183	174	162	262	171	165	210	146	289	210	179	182	207	140	286	238	180	153	144
29	01/06/10 G*	170	174	203	267	192	267	305	237	165	247	197	152	211	183	122	266	233	149	155	125
30	01/19/10 G*	185	182	180	225	236	203	208	159	149	275	183	279	194	202	122	348	135	192	171	230
31	02/01-02/10 C	245	237					308			312								463	124	246
32	02/02-03/10 C	190	195					106			235								1103	120	161
33	02/03-04/10 C	211	224					235			199								329	128	253
34	02/04-05/10 C	214	210					271			271								797	150	284
35	02/08-09/10 C			281	394	220	175		217						205						
36	02/09-10/10 C			184	331	155	149		140						163						
37	02/16-17/10 C			130	222	199	269		178						168						
38	02/17-18/10 C			165	248	194	157		152						185						
39	02/22-23/10 C									188	206	115	139					181			
40	02/23-24/10 C									200	136	56	119					110			
41	02/24-25/10 C									85	78	62	85					105			
42	02/02/10 G*	185	165	214	219	228	206	222	192	143	225	202	138	200	210	117	249	143	204	157	188
43	02/17/10 G*	161	180	206	185	213	195	167	207	143	248	188	162	182	222	114	278	219	181	75	162
44	03/04/10 G*	126	150	153	150	153	120	137	186	132	164	210	123	138	132	131	209	165	135	75	119
45	03/08-09/10 C									162	166	152	124			87		128			
46	03/17/10 G*	84	144	140	143	126	132	98	114	90	138	125	56	90	114	76	184	138	128	78	78
47	03/31/10 G*	63	66	60	84	78	63	69	66	63	99	66	72	69	75	57	113	119	75	57	48
48	04/12-13/10 C	238	168					170											441	130	178
49	04/13-14/10 C	164	159					164			205								140	143	160
50	04/14/10 G*	182	144	221	251	217	215	172	241	119	211	316	138	164	215	93	309	201	174	117	125
51	04/14-15/10 C	174	234					177			265								484	122	186
52	04/15-16/10 C	168	173					204			202								364	132	128
53	04/19-20/10 C			191	219	156	169		168						155						
54	04/20-21/10 C			172	384	188	159		152						120						
55	04/21-22/10 C			172	135	184	106		186						162						

Table 4

Biochemical Oxygen Demand
Report Date: 10/20/10

No.	Sample Date	Mtr. 1	Mtr. 2	Mtr. 3	Mtr. 4	Mtr. 5	Mtr. 6	Mtr. 7	Mtr. 9	Mtr. 10	Mtr. 11	Mtr. 12	Mtr. 13	Mtr. 14	Mtr. 15	Mtr. 17	Mtr. 18	Mtr. 19	Mtr. 20	Mtr. 29	Mtr. 30
56	04/22-23/10 C			217	286	185	231		191		147	145	154	220	218	291	190				
57	04/26-27/10 C									147	126		83	142		63		127			
58	04/27-28/10 C									120	173	188	147	174	128	75	221	227	221	110	75
59	04/28/10 G*	187	188	153	129	168	183	152	199	177	174		127	95		77					
60	04/28-29/10 C									149	172		138	146			173				
61	04/29-30/10 C									102	234	170	101	150	150	66	252	92	228	48	92
62	05/10/10 G*	104	113	171	161	192	161	128	197	102	234	170	101	150	150	66	252	92	228	48	92
63	05/25/10 G*	180	183	229	348	260	224	214	238	185	312	286	165	216	249	99	299	342	246	199	180
64	06/01-02/10 C	180	212									272									
65	06/02-03/10 C	189	210									222									
66	06/03-04/10 C	170	232									245									
67	06/08/10 G*	141	149	207	196	245	221	219	276	173	209	205	168	137	173	131	250	165	155	177	138
68	06/15-16/10 C	344	188					262				175							417	235	198
69	06/21-22/10 C			356	248	185	217		191						299		192				
70	06/22-23/10 C			244	221	202	187		166					234		155					
71	06/23-24/10 C			347	440	200	243		162					230		253					
72	06/24-25/10 C			310	331	239	218		184					288		220					
73	06/24/10 G*	212	154	188	242	210	222	180	183	162	220	186	274	186	215	111	363	298	192	84	146
74	06/28-29/10 C									330	220		167	192		138					
75	06/29-30/10 C									214	213		222	139		135					
76	06/30/10-07/01/10 C									446	218		192	216		176					
77	07/01-02/10 C									381	206		211	216		179					
78	07/08/10 G*	78	170	203	149	173	177	227	164	114	242	172	157	205	192	239	161	171	177	81	167
79	07/22/10 G*	131	137	180	174	201	187	188	197	132	229	180	174	183	186	114	212	140	111	107	69
80	08/02/10 G*	128	138	181	131	381	205	129	233	132	197	221	125	141	194	66	229	90	167	122	108
81	08/02-03/10 C	305	197					221				228									
82	08/03-04/10 C	448	239					169				221									
83	08/04-05/10 C	227	247					253				232									
84	08/05-06/10 C	206	234					327				220									
85	08/09-10/10 C			289		208	212		225						214		148				
86	08/10-11/10 C			149	199	186	312		219						169		216				
87	08/11-12/10 C			188	570	205	216		183						270		203				
88	08/12-13/10 C			220	771	204	135		219						290		259				
89	08/16-17/10 C									139	183		147	235		147		176			
90	08/17-18/10 C									197	181		195	154		113		159			
91	08/18/10 G*	269	195	238	187	303	227	204	170	138	213	174	162	150	219	81	286	170	217	209	131
92	08/18-19/10 C									144	241		274	272		151					
93	08/19-20/10 C									168	228		144	160		79		214			
94	09/02/10 G*	140	149	222	207	225	186	166	188	153	243	193	192	138	188	78	220	209	144		126
95	09/15/10 G*	158	209	157	207	186	222	240	141	138	219	177	137	132	180	98	205	202	179	185	99
96	09/29/10 G*	189	202	225	188	186	186	183	246	162	206	188	111	198	138	66	217	199	261	105	280
97																					
Maximum		448	354	356	771	404	312	440	283	446	312	316	279	272	299	291	363	342	5500	236	441
Minimum		63	66	60	84	78	63	69	66	63	76	66	56	69	72	57	113	90	75	48	48
Average to Date		195	190	194	254	210	199	208	189	169	200	208	149	166	187	110	229	175	446	136	188
Adjusted Average		192	189	194	247	209	200	206	189	166	200	208	148	166	187	107	229	173	346	136	186
System Avg. to Date		185																			

* Sampling and laboratory analysis performed by outside laboratory.
Adjusted Average excludes Minimum and Maximum values.
C = Composite Sampling
G = Grab Sampling

Table 5

Total Suspended Solids
Report Date: 10/20/10

No.	Sample Date	Mtr. 1	Mtr. 2	Mtr. 3	Mtr. 4	Mtr. 5	Mtr. 6	Mtr. 7	Mtr. 9	Mtr. 10	Mtr. 11	Mtr. 12	Mtr. 13	Mtr. 14	Mtr. 15	Mtr. 17	Mtr. 18	Mtr. 19	Mtr. 20	Mtr. 29	Mtr. 30
1	10/05-06/09 C	246	180					284				312							820	140	306
2	10/06-07/09 C	154	250					242				322							850	152	410
3	10/07-08/09 C	320	270					244				372							720	228	350
4	10/08-09/09 C	230	258					222				388							512	116	262
5	10/19-20/09 C			232	468	246	374		380						284		270				
6	10/20-21/09 C			202	592	292	152		180						220		238				
7	10/21-22/09 C			114	334	388	330		234						210		174				
8	10/22-23/09 C			198	476	348	344		200						218		308				
9	10/26-27/09 C									250	262		128	344		96		174			
10	10/27/09 G*	208	292	176	198	190	160	140	182	130	186	176	124	166	154	114	232	104	178	118	202
11	10/27-28/09 C									254	218		210	194		262					
12	10/28-29/09 C									250	158		118	128		182		180			
13	10/29-30/09 C									248	134		180	366		98		222			
14	11/1/09 G*	216	230	186	226	236	208	194	220	172	216	182	162	186	168	68	166	164	234	156	190
15	11/23/09 G*	252	222	148	208	110	144	152	172	168	194	154	216	190	132	58	176	106	264	66	358
16	11/30/09-12/01/09 C	260	196					86				180							580	108	356
17	12/01-02/09 C	276	220					238				194							950	146	196
18	12/02-03/09 C	586	352					440				200							772	108	836
19	12/03-04/09 C	588	128					170				190							1000	92	436
20	12/07-08/09 C	152	182	166	124	200	150	236	162	126	214	172	134	154	136	90	248	146	156	152	132
21	12/07-08/09 C			86	720	320	196		146						102		288				
22	12/08-09/09 C			192	310	216	232	170							122		288				
23	12/09-10/09 C				254	104	130														
24	12/10-11/09 C			92	396	112	88		92						60		190				
25	12/14-15/09 C								84	224	128		98	120		66		178			
26	12/15-16/09 C									250	180		110	208	94	70		144			
27	12/16-17/09 C									256	180		60	132		84	64	102			
28	12/17-18/09 C			134						98	88		200	128		72		238			
29	12/22/09 G*	186	188	182	136	220	148	124	206	160	248	190	128	172	156	78	222	270	116	152	
30	01/05/10 G*	154	158	176	290	222	152	208	184	126	194	168	102	168	146	106	190	128	140	102	100
31	01/19/10 G*	162	190	220	162	224	158	150	214	132	478	190	144	142	168	82	406	130	218	114	162
32	02/01-02/10 C	284	270					236				318							656	108	318
33	02/02-03/10 C	184	206					84				268							930	222	262
34	02/03-04/10 C	358	218					258				288							584	168	278
35	02/04-05/10 C	280	284					248				296							884	232	558
36	02/08-09/10 C			282	764	228	134								182		310				
37	02/09-10/10 C			114	430	146	140		118						180		374				
38	02/16-17/10 C			94	266	226	260		160						128		232				
39	02/17-18/10 C			122	296	200	148		112						146		186				
40	02/22-23/10 C									296	192		96	148		88		216			
41	02/23-24/10 C									380	192		176	148		130		110			
42	02/24-25/10 C									136	98		76	70		110		102			
43	02/27/10 G*	164	128	188	166	172	140	106	210	128	274	198	122	156	180	64	240	52	222	84	116
44	02/17/10 G*	136	194	140	108	222	138	108	168	138	170	148	172	160	256	70	192	98	192	78	138
45	03/04/10 G*	76	100	80	74	64	68	64	86	66	98	74	44	100	78	58	162	90	92	38	72
46	03/08-09/10 C									180	170		222	140		158		152			
47	03/17/10 G*	88	77	71	84	72	59	61	98	59	136	95	57	67	74	78	105	83	109	38	64
48	03/31/10 G*	72	70	44	54	82	42	42	74	44	64	60	42	54	56	34	102	82	100	56	36
49	04/12-13/10 C	254	190					148				204							763	134	267
50	04/13-14/10 C	198	198					144				272							92	180	180
51	04/14/10 G*	190	140	192	176	148	148	120	218	290	176	266	134	154	180	58	228	64	290	74	98
52	04/14-15/10 C	236	312					140				408							794	158	284
53	04/15-16/10 C	290	244					166				272							550	206	238
54	04/19-20/10 C			254	362	126	250		180						176		252				
55	04/20-21/10 C			208	508	260	172		176						146		164				
56	04/21-22/10 C			162	162	296	98		226						192		220				

Total Suspended Solids
Report Date: 10/20/10

Table 5

No.	Sample Date	Mtr. 1	Mtr. 2	Mtr. 3	Mtr. 4	Mtr. 5	Mtr. 6	Mtr. 7	Mtr. 9	Mtr. 10	Mtr. 11	Mtr. 12	Mtr. 13	Mtr. 14	Mtr. 15	Mtr. 17	Mtr. 18	Mtr. 19	Mtr. 20	Mtr. 29	Mtr. 30
57	04/22-23/10 C			256	400	218	226		222						310		236				
58	04/26-27/10 C									198	142		224	266		398		92			
59	04/27-28/10 C									216	90		84	158		88		150			
60	04/28/10 G*	174	184	146	106	162	182	88	164	124	176	150	110	166	140	50	190	130	220	88	74
61	04/28-29/10 C									206	180		174	156		82		154			
62	04/29-30/10 C									220	158		184	194		76		260			
63	05/10/10 G*	48	46	48	64	72	70	86	94	32	355	110	70	106	120	42	198	90	208	10	104
64	05/25/10 G*	180	158	166	790	172	186	186	224	124	238	220	122	160	160	62	286	82	300	122	132
65	06/01-02/10 C	272	286					106				460							1050	238	430
66	06/02-03/10 C	184	224					214				282							910	168	320
67	06/03-04/10 C	206	414					256			426							618	424	542	
68	06/08/10 G*	240	188	260	246	210	250	222	308	162	216	266	150	210	174	78	302	158	206	178	166
69	06/15-16/10 C	506	200					252			234							695	326	300	
70	06/21-22/10 C			378	314	208	210		172						328		174				
71	06/22-23/10 C			272	280	264	182		178						384		178				
72	06/23-24/10 C			314	452	242	246		128						242		298				
73	06/24-25/10 C			380	280	308	270		166						356		234				
74	06/24/10 G*	228	222	176	188	170	270	126	224	144	190	222	278	184	206	98	284	116	228	76	164
75	06/28-29/10 C									456	188		176	230		130		290			
76	06/29-30/10 C									348	186		288	192		126		194			
77	06/30/10-07/01/10 C									738	193		224	290		220		194			
78	07/01-02/10 C									644	180		338	256		184		208			
79	07/08/10 G*	86	92	212	124	128	178	160	214	124	168	142	170	132	228	300	222	140	162	78	156
80	07/22/10 G*	186	154	196	168	156	184	258	240	172	222	206	146	172	196	88	308	156	140	96	134
81	08/02/10 G*	180	186	220	178	356	476	160	270	174	218	226	234	164	194	82	276	84	244	104	142
82	08/02-03/10 C	512	202					202				232							480	214	274
83	08/03-04/10 C	714	292					118			282								780	288	302
84	08/04-05/10 C	298	300					198			248								882	112	210
85	08/05-06/10 C	264	328					344			282								1060	326	382
86	08/09-10/10 C			366	830	342	274		284						242		226				
87	08/10-11/10 C			168	282	318	554		304						208		288				
88	08/11-12/10 C			292	925	294	248		240						262		428				
89	08/12-13/10 C			232	810	288	124		208						376		282				
90	08/16-17/10 C									154	182		174	328				192			
91	08/17-18/10 C									260	164		334	234				170			
92	08/18/10 G*	262	242	288	138	240	194	250	234	156	186	224	200	176	196	54	214	180	234	128	106
93	08/18-19/10 C									124	218		474	268		182		136			
94	08/19-20/10 C									196	230		178	244		66		274			
95	09/02/10 G*	190	178	236	200	224	206	168	256	170	232	222	270	164	180	108	250	140	172		130
96	09/15/10 G*	228	262	200	184	194	260	290	230	158	246	244	172	206	54	80	274	172	270	132	152
97	09/29/10 G*	304	174	250	178	192	248	136	276	190	238	216	150	174	168	86	310	158	166	74	264
98																					
Maximum		714	414	380	925	388	554	440	380	738	478	460	474	366	384	398	428	290	1060	424	836
Minimum		48	46	44	54	64	42	42	74	32	64	60	42	54	56	34	64	52	92	10	36
Average to Date		247	210	192	325	213	198	179	191	205	193	234	167	180	188	109	235	150	482	145	246
Adjusted Average		240	209	191	317	213	193	176	189	199	186	233	161	179	187	106	234	148	478	142	237
System Avg. to Date		201																			

* Sampling and laboratory analysis performed by outside laboratory.
Adjusted Average excludes Minimum and Maximum values.
C = Composite Sampling
G = Grab Sampling