

Refuge TP Compliance Table

Highlighted and bolded months' geomeans were higher than interim limits.
Italicized months' limits were not applicable (N/A) because the average stage was less than 15.42 feet.

month-year	TP Geomean (ppb)	Interim Limit (ppb)	Long-Term Limit (ppb)	Average Stage (feet)	TP Sample (n)	Stage (n)
Feb-1999	6.8	10.8	9.1	16.62	11	3
Mar-1999	9.1	14.1	11.6	16.14	9	3
Apr-1999	11.9	NA	NA	15.35	3	3
May-1999	16.4	NA	NA	15.20	2	3
Jun-1999	14.2	11.7	9.8	16.47	13	3
Jul-1999	11.1	14.4	11.8	16.11	10	3
Aug-1999	12.7	15.1	12.3	16.03	8	3
Sep-1999	10.3	9.9	8.4	16.79	14	3
Oct-1999	10.3	8.3	7.2	17.28	14	3
Nov-1999	9.0	8.3	7.2	17.25	14	3
Dec-1999	9.1	9.1	7.9	16.94	14	3
Jan-2000	8.1	10.5	8.9	16.67	14	3
Feb-2000	9.6	11.8	9.9	16.45	13	3
Mar-2000	10.6	14.8	12.1	16.06	12	3
Apr-2000	10.4	12.9	10.6	16.30	14	3
May-2000	11.0	15.0	12.2	16.05	14	3
Jun-2000	12.4	NA	NA	15.31	6	3
Jul-2000	10.8	17.0	13.7	15.83	6	3
Aug-2000	9.4	14.1	11.6	16.14	10	3
Sep-2000	10.2	13.5	11.1	16.22	11	3
Oct-2000	8.8	8.3	7.2	17.49	13	3
Nov-2000	7.5	8.8	7.6	17.01	14	3
Dec-2000	6.0	11.2	9.4	16.55	9	3
Jan-2001	7.2	14.3	11.7	16.13	8	3
Feb-2001	9.6	17.2	13.8	15.82	9	3
Mar-2001	19.3	NA	NA	15.08	2	3
Apr-2001	11.5	21.4	16.9	15.48	6	3
May-2001	18.3	NA	NA	14.88	2	3
Jun-2001	15.1	NA	NA	15.42	9	3
Jul-2001	11.4	17.2	13.8	15.82	11	3
Aug-2001	10.0	10.1	8.6	16.74	14	3
Sep-2001	9.6	11.1	9.3	16.57	14	3
Oct-2001	8.8	8.3	7.2	17.24	14	3
Nov-2001	7.4	8.3	7.2	17.46	14	3
Dec-2001	7.5	8.9	7.7	16.98	14	3
Jan-2002	6.4	10.4	8.8	16.69	14	3
Feb-2002	7.8	10.7	9.1	16.63	14	3
Mar-2002	7.3	11.5	9.7	16.50	14	3
Apr-2002	7.5	15.6	12.7	15.98	11	3
May-2002	10.0	NA	NA	15.04	3	3
Jun-2002	13.4	16.0	12.9	15.94	10	3
Jul-2002	11.2	9.7	8.3	16.82	14	3
Aug-2002	9.0	13.5	11.1	16.22	12	3
Sep-2002	8.3	10.6	8.9	16.66	11	3
Oct-2002	7.5	10.7	9.0	16.64	12	3
Nov-2002	6.9	10.5	8.9	16.66	12	3
Dec-2002	5.9	9.2	7.9	16.93	14	3
Jan-2003	5.7	10.0	8.5	16.76	13	3
Feb-2003	7.5	11.3	9.5	16.54	11	3
Mar-2003	8.0	13.4	11.1	16.23	9	3
Apr-2003	7.6	13.7	11.2	16.20	12	3
May-2003	14.0	18.3	14.6	15.72	7	3
Jun-2003	7.9	14.8	12.1	16.06	11	3
Jul-2003	7.7	15.2	12.3	16.02	9	3
Aug-2003	8.0	10.1	8.6	16.74	14	3
Sep-2003	8.8	8.3	7.2	17.23	13	3
Oct-2003	7.0	8.3	7.2	17.15	14	3
Nov-2003	7.5	8.9	7.7	16.98	11	3
Dec-2003	7.6	9.3	8.0	16.91	14	3
Jan-2004	7.4	10.3	8.7	16.71	14	3
Feb-2004	8.2	10.3	8.7	16.71	14	3
Mar-2004	9.0	11.8	9.8	16.46	14	3
Apr-2004	9.6	16.3	13.1	15.91	9	3
May-2004	12.4	NA	NA	15.37	9	3
Jun-2004	40.0	NA	NA	15.22	2	3
Jul-2004	21.0	NA	NA	15.00	1	3
Aug-2004	17.5	15.4	12.5	16.00	12	3
Sep-2004	8.5	9.9	8.4	16.79	14	3
Oct-2004	8.9	10.0	8.5	16.76	13	3
Nov-2004	8.3	10.6	9.0	16.65	14	3
Dec-2004	10.4	12.4	10.3	16.37	13	3
Jan-2005	7.9	13.9	11.4	16.17	12	3
Feb-2005	9.4	15.1	12.3	16.03	11	3
Mar-2005	13.4	16.6	13.4	15.88	11	3
Apr-2005	8.6	13.9	11.4	16.17	11	3
May-2005*	*	17.7	14.1	15.78	*	3
Jun-2005*	*	13.9	11.4	16.17	*	3
Jul-2005	7.4	14.9	12.2	16.05	14	3
Aug-2005	6.5	13.9	11.4	16.17	13	3
Sep-2005**	7.4	13.1	10.8	16.28	10	3

Refuge Inflow Load Table

TP loads are calculated using "no ratio-adjustment" and "14 day maximum for auto sampler composite concentration" algorithm.

Updated as of Oct. 12, 2005 to include:

Inflow at G94C in March 2001.

Discharge at S362 since September 2004.

Monthly Inflow (kac-ft)	TP loads (metric tons)	Inflow FWMC (ppb)
26	3.1	96
1	0.1	43
27	1.5	44
19	1.3	55
142	29.4	167
38	6.4	137
22	4.3	155
91	19.5	173
151	25.5	137
45	6.0	108
36	3.2	72
35	3.7	86
13	0.9	58
33	4.3	106
58	11.0	154
25	2.5	82
9	0.7	68
56	6.5	94
47	3.8	65
63	8.7	112
125	24.1	157
2	0.1	38
11	0.7	54
3	0.1	39
0	0.0	185
15	3.6	197
2	0.1	31
1	0.1	120
5	0.6	105
53	4.9	74
57	4.1	58
66	3.5	43
60	3.2	43
16	1.2	60
5	0.2	34
13	0.3	19
39	1.4	30
1	0.1	63
1	0.0	18
13	0.4	25
69	4.4	51
79	4.8	50
70	3.3	38
76	4.5	48
79	4.5	46
34	2.3	54
77	6.6	70
63	5.3	68
25	4.4	144
27	2.7	79
13	1.2	77
23	2.5	88
48	2.7	45
18	1.0	43
124	9.8	64
34	2.9	70
13	0.9	57
17	1.1	53
10	0.5	43
5	0.2	28
24	1.0	34
25	0.8	25
1	0.0	36
6	0.2	33
21	0.8	32
23	1.5	52
92	4.9	43
188	44.6	192
87	22.2	206
3	0.4	106
11	1.2	84
14	2.1	120
5	0.5	97
40	7.7	155
2	0.1	49
9	2.1	180
79	15.7	160
23	2.3	83
11	1.0	73

* May 2005 and June 2005 Water Quality data are under QA/QC review by FDEP and have been flagged by the District's Quality Assurance Officer.

** September 2005 stage and TP concentration data are preliminary values.