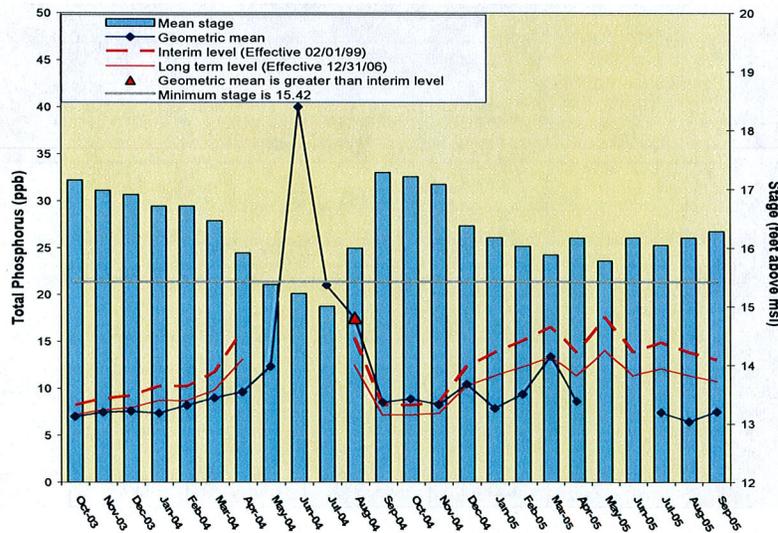


Settlement Agreement

July - September 2005 Report

Prepared for the
Technical Oversight Committee
December 1, 2005

A.R.M Loxahatchee National Wildlife Refuge Monthly Total Phosphorus Geometric Mean Concentrations



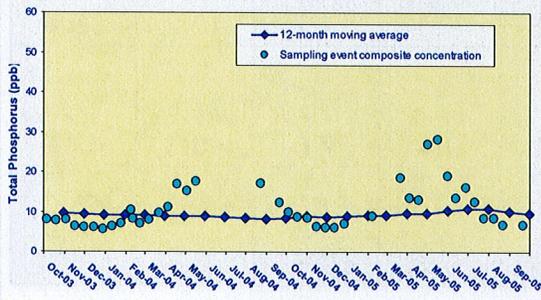
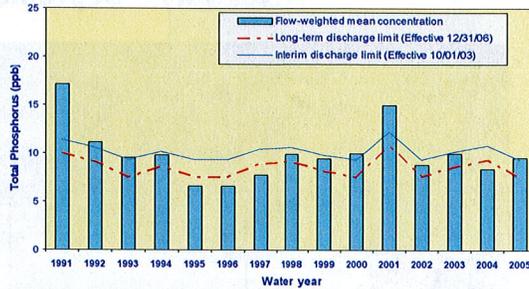
Month - Year	Geometric Mean Concentration (ppb)	Interim Level (ppb)	Long Term Level (ppb)	Average Stage (ft NGVD)	Number of TP Samples	Number of Stage Measurements
		Effective 2/1/99	Effective 12/31/06			
	Oct-2003	7.0	8.3	7.2	17.15	14
Nov-2003	7.5	8.9	7.7	16.98	11	3
Dec-2003	7.6	9.3	8.0	16.91	14	3
Jan-2004	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	N/A	N/A	15.37	9	3
Jun-2004	40.0	N/A	N/A	15.22	2	3
Jul-2004	21.0	N/A	N/A	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*	data qualified	17.7	14.1	15.78	10	3
June-2005*	data qualified	13.9	11.4	16.17	14	3
Jul-2005	7.4	14.9	12.2	16.05	14	3
Aug-2005	6.5	13.9	11.4	16.17	12	3
Sep-2005	7.5	13.1	10.8	16.28	10	3

Refuge TP Compliance Tracking for July – September 2005

Month - Year	Geometric Mean Concentration (ppb)	Interim Level (ppb)	Long Term Level (ppb)	Average Stage (ft NGVD)	Number of TP Samples	Number of Stage Measurements
		Effective 2/1/99	Effective 12/31/06			
Jul 2005	7.4	14.9	12.2	16.05	14	3
Aug 2005	6.5	13.9	11.4	16.17	12	3
Sep 2005	7.5	13.1	10.8	16.28	10	3

Flow-weighted Mean Concentrations Inflows to Everglades National Park through Shark River Slough

12-month moving average at the end of each water year compared to the TP interim and long-term limits.



12-month moving average at the end of each month and the composite TP concentration for each sampling event.

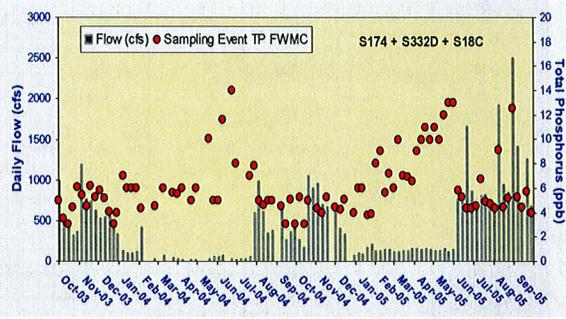
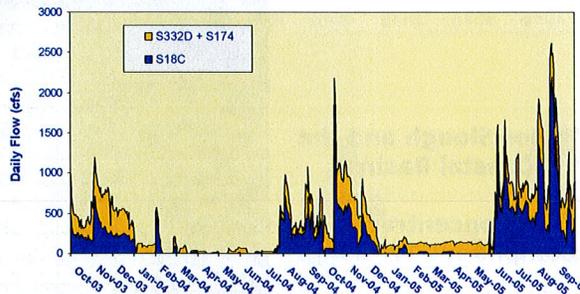
Shark River Slough TP Concentration Compliance Tracking	12-Month Period Ending On	Total Period Flow (Kac-ft)	Flow Weighted Mean Total Phosphorus (ppb)	Interim Limit (ppb)		Long Term Limit (ppb)		Percent of Sampling Events Greater than 10 ppb (%)	
				Effective 10/1/2003	Effective 12/31/2006	Guideline	Observed		
								Effective 10/1/2003	Effective 12/31/2006
	31-Oct-03	921.8	9.7	9.9	8.3	43.3	50.0		
	30-Nov-03	1001.5	9.5	9.6	7.9	41.4	46.2		
	31-Dec-03	1076.8	9.1	9.4	7.6	40.1	46.2		
	31-Jan-04	1049.0	9.2	9.4	7.7	40.4	46.2		
	29-Feb-04	1033.9	9.1	9.5	7.8	40.7	44.4		
	31-Mar-04	1036.7	8.9	9.4	7.7	40.7	37.0		
	30-Apr-04	1012.9	9.0	9.5	7.9	41.2	40.7		
	31-May-04	980.2	9.0	9.7	8.0	41.9	40.7		
	30-Jun-04	942.5	8.7	9.8	8.2	42.8	36.0		
	31-Jul-04	832.0	8.4	10.2	8.8	45.5	27.3		
	31-Aug-04	733.0	8.2	10.7	9.3	48.2	28.6		
	30-Sep-04*	704.4	8.4	10.8	9.4	49.0	35.0		
	31-Oct-04	727.8	8.9	10.7	9.3	48.3	35.0		
	30-Nov-04	760.3	8.7	10.6	9.1	47.4	33.3		
	31-Dec-04	738.5	9.0	10.7	9.2	48.0	35.0		
	31-Jan-05	717.3	9.0	10.7	9.3	48.6	38.9		
	28-Feb-05	709.8	9.1	10.8	9.4	48.8	37.5		
	31-Mar-05**	698.3	9.2	10.8	9.4	49.2	46.7		
	30-Apr-05	732.6	9.1	10.7	9.3	48.2	46.7		
	31-May-05	767.1	10.0	10.5	9.1	47.3	50.0		
	30-Jun-05	836.0	10.5	10.2	8.7	45.4	55.6		
	31-Jul-05	1054.7	10.5	9.4	7.7	40.3	55.0		
	31-Aug-05	1269.2	9.8	9.4	7.6	40.1	47.6		
	30-Sep-05*	1345.9	9.4	9.4	7.6	40.1	42.9		

Taylor Slough and the Coastal Basins TP Concentration Compliance Tracking for July – September 2005

12-Month Period Ending On	Total Period Flow (Kac-ft)	Flow Weighted Mean Total Phosphorus (ppb)	Long Term Limit (Effective 12/31/06) (ppb)	Percent of Sampling Events Greater than 10 ppb (%)	
				Guideline	Observed
31-Jul-05	304.6	5.4	11.0	53.1	10.4
31-Aug-05	357.1	6.4	11.0	53.1	12.2
30-Sep-05	380.0	6.3	11.0	53.1	12.2

Taylor Slough and S18C – Daily Flows and Sampling Event FWMC

**Daily flows into
Everglades National
Park through Taylor
Slough and S18C.**



**Daily flows at
Taylor Slough
structures and
S18C and the
corresponding TP
for individual
sampling events.**

Settlement Agreement

July – September 2005

Overflow Events

S332B – EO2 west pond

Evaluation of overflows for S332B



