

PROVISIONAL
Shark River Slough
Total Phosphorus (TP) Tracking Report³
 Second Quarter 2013 (April - June 2013)

Event Date	TP Conc. (mg/L)					Daily Mean Flow (cfs) ²							Event FWMC (ppb)
	S12A	S12B	S12C	S12D	S333	S12A	S12B	S12C	S12D	S333-S334	S333	S334	
5/1/2012	0.016				0.012	0	0	0	0	0	0	0	
5/9/2012	0.032			0.009	0.009	0	0	0	81	0	0	0	9.0
5/15/2012	0.014			0.012	0.012	0	0	0	179	172	172	0	
5/22/2012	0.012			0.015	0.017	0	0	0	259	495	495	0	16.3
5/30/2012	0.026				0.013	0	0	0	350	473	745	272	
6/5/2012	0.021			0.009	0.013	0	0	0	489	487	679	192	11.0
6/12/2012	0.018			0.009	0.019	0	0	0	462	379	889	510	
6/19/2012	0.016			0.008	0.017	0	0	0	427	321	748	427	11.9
6/26/2012	0.020			0.008	0.013	0	0	0	626	1	45	45	
7/2/2012	0.020			0.008	0.010	0	0	0	631	15	435	420	8.0
7/11/2012	0.014				0.009	0	0	0	652	17	216	198	
7/17/2012	0.007	0.005	0.007	0.008	0.008	307	349	629	666	12	229	216	7.0
7/24/2012	0.006	0.006	0.009	0.009	0.010	228	262	509	568	0	0	0	
7/31/2012	0.006	0.007	0.009	0.009	0.009	176	205	415	501	0	0	0	8.3
8/7/2012	0.006	0.007	0.010	0.012	0.010	199	214	427	507	0	0	0	
8/14/2012	0.007	0.008	0.009		0.009	188	196	410	495	0	0	0	8.3
8/21/2012	0.009	0.008	0.008		0.008	177	190	411	477	0	0	0	
8/29/2012	0.005	0.007	0.008	0.012	0.011	249	262	526	631	0	0	0	8.9
9/4/2012	0.008	0.010	0.008	0.010	0.009	263	287	565	722		0	9	
9/11/2012	0.007	0.006	0.009	0.017	0.007	259	285	558	745	0	0	0	11.5
9/18/2012	0.007	0.007	0.008	0.014	0.009	250	272	560	703	7	329	323	
9/25/2012	0.005	0.005	0.006	0.009	0.007	368	368	708	871		6	62	6.8
10/1/2012	0.006	0.006	0.007	0.009	0.008	387	380	705	838		95	101	
10/8/2012	0.006	0.005	0.007	0.009	0.009	524	474	873	1040	0	0	0	7.2
10/15/2012	0.004	0.004	0.006	0.007	0.008	544	504	874	1080	0	0	0	
10/22/2012	0.006	0.004	0.006	0.008	0.007	510	486	852	1040	0	0	0	6.4
10/29/2012	0.005	0.004	0.005	0.008	0.008	508	506	857	1030		133	234	
11/5/2012	0.009	0.005	0.004	0.007	0.006	0	528	840	922	3	409	407	5.4
11/13/2012	0.007	0.005	0.003	0.006	0.006	0	488	802	864	13	474	461	
11/19/2012	0.007	0.004	0.004	0.007	0.005	0	457	757	832	10	469	459	5.2
11/26/2012	0.008	0.005	0.004	0.007	0.006	0	408	660	769	18	327	309	
12/3/2012	0.008	0.004	0.004	0.008	0.007	0	395	641	770		0	8	5.7
12/10/2012	0.011	0.006	0.004	0.007	0.007	0	373	607	720	78	78	0	
12/17/2012	0.009	0.007	0.005	0.008	0.007	0	364	593	706	0	0	0	6.7
12/26/2012	0.007	0.005	0.003	0.006	0.007	0	146	437	591	336	336	0	
1/2/2013	0.005		0.012	0.006	0.006	15	0	372	234	252	252	0	8.5
1/7/2013	0.006	0.005	0.005	0.007	0.007	0	0	399	0	256	265	9	
1/14/2013	0.011			0.008	0.010	0	0	0	322	354	354	0	9.0
1/22/2013	0.011			0.007	0.009	0	0	0	278	335	335	0	
1/28/2013	0.01			0.006	0.009	0	0	0	232	275	275	0	7.6
2/4/2013	0.01			0.007	0.008	0	0	0	180	244	253	9	
2/11/2013	0.011			0.006	0.010	0	0	0	128	172	172	0	8.3
2/18/2013	0.009			0.006	0.008	0	0	0	128	133	133	0	
2/25/2013	0.013			0.007	0.009	0	0	0	123	96	96	0	7.9
3/4/2013	0.014			0.007	0.009	0	0	0	79	83	104	21	
3/11/2013	0.012			0.005	0.006	0	0	0	76	31	170	139	5.3
3/18/2013	0.013				0.007	0	0	0	0	15	291	276	
3/25/2013	0.021				0.009	0	0	0	0	18	312	294	9.0
4/1/2013	0.030				0.008	0	0	0	0	5	309	303	
4/8/2013	0.022				0.011	0	0	0	0	15	152	137	11.0
4/15/2013	0.026				0.012	0	0	0	0	4	88	84	
4/22/2013	0.025				0.014	0	0	0	0	0	0	0	
4/29/2013	0.024				0.015	0	0	0	0	25	447	422	
5/6/2013	0.026			0.010	0.015	0	0	0	248	69	508	439	11.1
5/13/2013	0.017		0.011	0.008	0.012	0	0	111	168	525	1148	623	
5/20/2013	0.020		0.008	0.008	0.018	0	0	130	140	544	936	392	14.7
5/28/2013	0.021		0.009	0.008	0.012	0	0	152	156	663	836	173	
6/3/2013	0.021		0.010	0.010	0.010	0	0	259	265	490	490	0	10.0
6/10/2013	0.023		0.009	0.011	0.011	0	0	392	357	65	360	295	
6/17/2013	0.019		0.008	0.009	0.016	0	0	445	402	269	994	725	10.3
6/24/2013	0.012		0.008	0.007	0.017	0	0	400	357	370	1095	724	
Period ³	Total Flow (kac-ft)		12-Month FWMC ¹ (ppb)			12-Month Moving Long-term Limit ¹ (ppb)			Percent of Sampling Events Greater than 10 ppb				
									Guideline	Observed			
5/1/2012-4/30/2013	890.9		7.7			8.5			44.0%	20.0%			
6/1/2012-5/31/2013	929.1		7.7			8.3			43.1%	24.0%			
7/1/2012-6/30/2013	957.4		7.7			8.1			42.4%	20.0%			

Blue shaded and **bolded** dates were the bi-weekly compliance sampling events and corresponding flow-weighted mean concentrations.

Light green shaded cell indicates there was flow at the site on the sampling day.

Yellow shaded cell indicates a compliance TP concentration datum was missing (See Settlement Agreement Report Appendix Table B-1 for detail).

Notes:

- The bi-weekly sampling events and flow data are used to calculate a **provisional** flow-weighted mean concentration (FWMC) and limit for the 12-month period ending in each month of the quarter.
- Water Year 2013 (starting 10/01/12) daily mean flow data for S12s' are provisional values, and Water Year 2012 (ending 09/30/12) daily mean flow data for S12s' are the final approved values.
- The final 12-month FWMC and long-term limit for WY2013 (ending 09/30/13) will be published at a later date when the final approved flow data are available for the current federal water year (October 1, 2012 – September 30, 2013). These values will be used to determine annual compliance.