

PROVISIONAL
Shark River Slough
Total Phosphorus (TP) Tracking Report¹
 Third Quarter 2013 (July - September 2013)

Event Date	TP Concentration (mg/L)					Daily Mean Flow (cfs) ²							Event FWMC (ppb)
	S12A	S12B	S12C	S12D	S333	S12A	S12B	S12C	S12D	S333-S334	S333	S334	
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	358	380	705	990		95	101	
10/8/2012	0.006	0.005	0.007	0.009	0.009	509	474	873	1110	0	0	0	7.3
10/15/2012	0.004	0.004	0.006	0.007	0.008	551	504	874	1078	0	0	0	
10/22/2012	0.006	0.004	0.006	0.008	0.007	526	486	852	1038	0	0	0	6.4
10/29/2012	0.005	0.004	0.005	0.008	0.008	508	506	857	1040		133	234	
11/5/2012	0.009	0.005	0.004	0.007	0.006	0	528	840	935	3	409	407	5.4
11/13/2012	0.007	0.005	0.003	0.006	0.006	0	488	802	844	13	474	461	
11/19/2012	0.007	0.004	0.004	0.007	0.005	0	457	757	794	10	469	459	5.2
11/26/2012	0.008	0.005	0.004	0.007	0.006	0	408	660	755	18	327	309	
12/3/2012	0.008	0.004	0.004	0.008	0.007	0	395	641	738		0	8	5.7
12/10/2012	0.011	0.006	0.004	0.007	0.007	0	373	607	691	78	78	0	
12/17/2012	0.009	0.007	0.005	0.008	0.007	0	364	593	677	0	0	0	6.7
12/26/2012	0.007	0.005	0.003	0.006	0.007	0	146	437	565	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	0.007	0	0	0	0	15	291	276	
3/25/2013	0.021			0.009	0.009	0	0	0	0	18	312	294	9.0
4/1/2013	0.030			0.008	0.008	0	0	0	0	5	309	303	
4/8/2013	0.022			0.011	0.011	0	0	0	0	15	152	137	11.0
4/15/2013	0.026			0.012	0.012	0	0	0	0	4	88	84	
4/22/2013	0.025			0.014	0.014	0	0	0	0	0	0	0	no flow
4/29/2013	0.024			0.015	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	
7/1/2013	0.011		0.008	0.009	0.015	0	0	425	392	561	762	201	11.1
7/8/2013	0.011	0.010	0.008	0.011	0.008	0	0	511	506	27	226	199	
7/15/2013	0.010		0.009	0.011	0.010	184	157	708	905		15	16	10.1
7/22/2013	0.006	0.007	0.008	0.011	0.009	322	322	714	980	4	120	116	
7/29/2013	0.006	0.005	0.006	0.009	0.008	402	404	0	954	11	405	394	7.4
8/5/2013	0.006	0.005	0.007	0.008	0.008	482	471	895	1053	36	531	495	
8/12/2013	0.004	0.004	0.005	0.007	0.007	441	436	837	946	8	967	959	5.4
8/19/2013	0.005	0.003	0.004	0.007	0.011	395	393	761	850	6	994	988	
8/26/2013	0.005	0.004	0.005	0.008	0.007	382	382	744	825	33	1036	1004	5.9
9/3/2013	0.005	0.006	0.006	0.007	0.007	365	377	766	413	7	316	309	
9/9/2013	0.005	0.005	0.006	0.007	0.007	368	378	744	853		400	407	6.0
9/16/2013	0.005	0.004	0.005	0.007	0.007	402	404	788	896	13	297	284	
9/23/2013	0.005	0.006	0.006	0.007	0.007	396	405	798	939		87	168	6.2
9/30/2013	0.005	0.004	0.005	0.006	0.006	421	423	828	959		403	463	
Period	Total Flow ³ (kac-ft)		12-Month FWMC ⁴ (ppb)		12-Month Moving Long-term Limit ⁵ (ppb)		Percent of Sampling Events Greater than 10 ppb						
							Guideline ³	Observed					
8/1/2012-7/31/2013	987.8		7.9		8.1		41.7%	28.0%					
9/1/2012-8/31/2013	1102.3		7.5		7.6		40.1%	28.0%					
10/1/2012-9/30/2013 ¹	1141.2		7.2		7.6		40.1%	24.0%					

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 final 12-month flow-weighted mean concentration (FWMC) and long-term limit for Water Year 2013 (WY2013, October 1, 2012 – September 30, 2013) will be published at a later date when the final approved flow data are available for the federal water year (ending 9/30/2013). These values will be used to determine the annual compliance.
 - WY2013 (starting 10/1/2012) daily mean flow data for S12s are provisional values, and all Water Year 2012 (WY2012, ending 9/30/2012) daily mean flow data are final approved values.
 - There were 12 missing daily flow values for S12C in June 2013 through August 2013. No estimation for those missing daily flow values was made for total flow, the long-term limit, or sampling events guideline percentage calculations.
 - The bi-weekly sampling events and flow data are used to calculate a **provisional** flow-weighted mean concentration (FWMC).