

# PROVISIONAL

## Shark River Slough

### Total Phosphorus (TP) Tracking Report<sup>1</sup>

Fourth Quarter 2013 (October 2013 - December 2013)

Event Date	TP Concentration (mg/L)					Daily Mean Flow (cfs) <sup>2</sup>							Event FWMC (ppb)
	S12A	S12B	S12C	S12D	S333	S12A	S12B	S12C	S12D	S333-S334	S333	S334	
11/5/2012	0.009	0.005	0.004	0.007	0.006	0	515	851	922	3	409	407	5.4
11/13/2012	0.007	0.005	0.003	0.006	0.006	0	481	775	864	13	474	461	
11/19/2012	0.007	0.004	0.004	0.007	0.005	0	445	716	832	10	469	459	5.3
11/26/2012	0.008	0.005	0.004	0.007	0.006	0	405	677	769	18	327	309	
12/3/2012	0.008	0.004	0.004	0.008	0.007	0	383	672	770		0	8	5.7
12/10/2012	0.011	0.006	0.004	0.007	0.007	0	369	649	720	78	78	0	
12/17/2012	0.009	0.007	0.005	0.008	0.007	0	370	640	706	0	0	0	6.7
12/26/2012	0.007	0.005	0.003	0.006	0.007	0	139	483	591	336	336	0	
1/2/2013	0.005		0.012	0.006	0.006	0	0	404	567	252	252	0	8.0
1/7/2013	0.006	0.005	0.005	0.007	0.007	0	0	435	0	256	265	9	
1/14/2013	0.011			0.008	0.010	0	0	0	299	354	354	0	9.1
1/22/2013	0.011			0.007	0.009	0	0	0	256	335	335	0	
1/28/2013	0.01			0.006	0.009	0	0	0	209	275	275	0	7.7
2/4/2013	0.01			0.007	0.008	0	0	0	159	244	253	9	
2/11/2013	0.011			0.006	0.010	0	0	0	107	172	172	0	8.5
2/18/2013	0.009			0.006	0.008	0	0	0	108	133	133	0	
2/25/2013	0.013			0.007	0.009	0	0	0	104	96	96	0	8.0
3/4/2013	0.014			0.007	0.009	0	0	0	76	83	104	21	
3/11/2013	0.012			0.005	0.006	0	0	0	73	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	261	69	508	439	11.0
5/13/2013	0.017		0.011	0.008	0.012	0	0	190	178	525	1148	623	
5/20/2013	0.020		0.008	0.008	0.018	0	0	154	147	544	936	392	14.4
5/28/2013	0.021		0.009	0.008	0.012	0	0	177	178	663	836	173	
6/3/2013	0.021		0.010	0.010	0.010	0	0	308	296	490	490	0	10.0
6/10/2013	0.023		0.009	0.011	0.011	0	0	445	406	65	360	295	
6/17/2013	0.019		0.008	0.009	0.016	0	0	423	421	269	994	725	10.3
6/24/2013	0.012		0.008	0.007	0.017	0	0	352	399	370	1095	724	
7/1/2013	0.011		0.008	0.009	0.015	0	0	396	450	561	762	201	11.1
7/8/2013	0.011	0.010	0.008	0.011	0.008	0	0	510	585	27	226	199	
7/15/2013	0.010		0.009	0.011	0.010	207	180	706	860		15	16	10.1
7/22/2013	0.006	0.007	0.008	0.011	0.009	346	348	717	871	4	120	116	
7/29/2013	0.006	0.005	0.006	0.009	0.008	404	390	793	939	11	405	394	7.0
8/5/2013	0.006	0.005	0.007	0.008	0.008	482	453	870	1020	36	531	495	
8/12/2013	0.004	0.004	0.005	0.007	0.007	441	407	790	895	8	967	959	5.4
8/19/2013	0.005	0.003	0.004	0.007	0.011	398	361	705	787	6	994	988	
8/26/2013	0.005	0.004	0.005	0.008	0.007	389	346	674	748	33	1036	1004	5.9
9/3/2013	0.005	0.006	0.006		0.007	368	341	696	353	7	316	309	
9/9/2013	0.005	0.005	0.006	0.007	0.007	365	341	685	854		400	407	6.1
9/16/2013	0.005	0.004	0.005	0.007	0.007	398	355	714	878	13	297	284	
9/23/2013	0.005	0.006	0.006	0.007	0.007	392	346	712	898		87	168	6.2
9/30/2013	0.005	0.004	0.005	0.006	0.006	408	359	721	913		403	463	
10/7/2013	0.004	0.004	0.006	0.007	0.007	399	400	773	873		536	544	5.7
10/14/2013	0.004	0.004	0.005	0.006	0.006	348	352	712	756		669	670	
10/21/2013	0.005	0.004	0.006	0.006	0.006	319	331	684	769		0	0	5.5
10/28/2013	0.005	0.004	0.006	0.007	0.007	330	340	690	765		0	0	
11/4/2013	0.008	0.008	0.006	0.008	0.008	0	354	682	717		0	0	7.2
11/12/2013	0.010	0.007	0.006	0.007	0.006	0	347	666	677		0	0	
11/18/2013	0.011	0.007	0.005	0.007	0.007	0	318	628	617		0	0	6.2
11/25/2013	0.008	0.006	0.006	0.007	0.008	0	354	402	676		0	0	
12/2/2013	0.007	0.005	0.004	0.006	0.006	0	210	444	689		0	0	5.2
12/9/2013	0.011	0.005	0.004	0.006	0.007	0	204	406	617		0	0	
12/16/2013	0.006			0.008	0.007	0	0	0	399		0	0	8.0
12/23/2013	0.007			0.007	0.006	0	0	0	227		0	0	
12/30/2013	0.008				0.008	0	0	0	190		0	0	
Period	Total Flow <sup>1</sup> (kac-ft)	12-Month FWMC <sup>2,3</sup> (ppb)	12-Month Moving Long-term Limit <sup>2</sup> (ppb)	Percent of Sampling Events Greater than 10 ppb									
				Guideline <sup>2</sup>	Observed <sup>2,3</sup>								
11/1/2012-10/31/2013	1130.0	7.1	7.6	40.1%	24.0%								
12/1/2012-11/30/2013	1079.0	7.3	7.6	40.1%	24.0%								
1/1/2013-12/31/2013	1013.2	7.3	7.9	41.2%	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:**

1. WY2014 (starting 10/1/2013) daily mean flow data for S12s are provisional values, and all Water Year 2013 (WY2013, ending 9/30/2013) daily mean flow data are final approved values.
2. The final 12-month flow-weighted mean concentration (FWMC) and long-term limit for Water Year 2014 (WY2014, October 1, 2013 – September 30, 2014) 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 annual compliance.
3. The bi-weekly sampling events and flow data are used to calculate a **provisional** flow-weighted mean concentration (FWMC).