

PROVISIONAL Shark River Slough

Total Phosphorus (TP) Tracking Report¹ Fourth Quarter 2014 (October 2014 - December 2014)

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	SRS Inflow ³ in ac-ft	S333	S334	
11/4/2013	0.008	0.008	0.006	0.008	0.008	0	287	549	698	0	3,477	0	0	7.3
11/12/2013	0.01	0.007	0.006	0.007	0.006	0	281	551	678	0	3,352	0	0	
11/18/2013	0.011	0.007	0.005	0.007	0.007	0	256	517	631	0	3,100	0	0	6.3
11/25/2013	0.008	0.006	0.006	0.007	0.008	0	289	435	704	0	2,840	0	0	
12/2/2013	0.007	0.005	0.004	0.006	0.006	0	210	474	718	0	2,664	0	0	5.2
12/9/2013	0.011	0.005	0.004	0.006	0.007	0	200	434	645	0	2,434	0	0	
12/16/2013	0.006			0.008	0.007	0	0	0	392	0	791	0	0	8.0
12/23/2013	0.007			0.007	0.006	0	0	0	220	0	450	0	0	
12/30/2013	0.008				0.008	0	0	0	182	0	377	0	0	
1/6/2014	0.011			0.007	0.007	0	0	194	185	0	383	0	0	
1/13/2014	0.009				0.008	0	0	0	0	6	13	6	0	8.0
1/21/2014	0.008				0.005	0	0	0	0	49	98	49	0	
1/27/2014	0.012				0.007	0	0	0	0	0	0	0	0	
2/3/2014	0.008				0.005	0	0	0	0	0	0	0	0	
2/10/2014	0.012				0.010	0	0	0	0	776	1,539	776	0	10.0
2/17/2014	0.008			0.006	0.008	0	0	0	451	617	2,136	617	0	
2/24/2014	0.009			0.008	0.008	0	0	0	428	635	2,120	635	0	8.0
3/3/2014	0.011			0.007	0.009	0	0	0	497	535	2,045	544	8	
3/10/2014	0.012			0.007	0.010	0	0	0	467	649	2,211	649	0	8.7
3/17/2014	0.014			0.008	0.008	0	0	0	421	620	2,055	620	0	
3/24/2014	0.017			0.009	0.010	0	0	0	351	419	1,532	419	0	9.5
3/31/2014	0.021			0.012	0.011	0	0	0	245	165	825	165	0	
4/7/2014	0.023				0.012	0	0	0	0	13	26	13	0	12.0
4/14/2014	0.023				0.010	0	0	0	0	0	0	0	0	
4/21/2014	0.024				0.011	0	0	0	0	0	0	0	0	
4/28/2014	0.021				0.013	0	0	0	0	1	1	77	76	
5/5/2014	0.031				0.014	0	0	0	0	6	12	155	149	14.0
5/12/2014	0.041				0.015	0	0	0	0	6	12	301	295	
5/19/2014	0.040				0.018	0	0	0	0	7	15	347	340	18.0
5/27/2014	0.050				0.030	0	0	0	0	0	0	268	275	
6/2/2014	0.065				0.038	0	0	0	0	2	5	245	243	38.0
6/9/2014	0.062				0.034	0	0	0	0	0	0	87	93	
6/16/2014	0.048				0.037	0	0	0	0	0	0	0	0	
6/23/2014	0.043				0.041	0	0	0	0	513	1,018	513	0	
6/30/2014	0.044		0.019	0.035	0.037	0	0	22	191	474	1,436	474	0	35.9
7/7/2014	0.043		0.019	0.017	0.035	0	0	23	183	853	2,130	853	0	
7/14/2014	0.036		0.012	0.017	0.040	0	0	27	236	884	3,304	884	0	34.6
7/21/2014	0.023		0.015	0.018	0.026	0	0	41	257	781	3,098	781	0	
7/28/2014	0.022		0.017	0.015	0.022	0	0	64	296	567	3,300	567	0	19.4
8/4/2014	0.022	0.019	0.016	0.013	0.016	0	0	0	385	0	1,002	0	0	
8/11/2014	0.022	0.017	0.013	0.013	0.012	0	0	370	522	0	1,581	0	0	13.0
8/18/2014	0.010	0.010	0.012	0.012	0.011	142	166	365	579	0	2,491	0	0	
8/25/2014	0.007	0.006	0.007	0.010	0.016	138	162	337	534	884	4,154	884	0	11.6
9/2/2014	0.007	0.007	0.008	0.011	0.022	111	135	331	501	808	3,805	808	0	
9/8/2014	0.008	0.007	0.008	0.009	0.010	116	139	360	537	682	3,726	682	0	9.0
9/15/2014	0.009	0.007	0.009	0.010	0.008	177	198	462	706	0	3,180	0	0	
9/22/2014	0.007	0.007	0.008	0.010	0.007	203	225	497	715	0	3,297	0	0	8.6
9/29/2014	0.008	0.006	0.009	0.008	0.009	206	237	513	748	0	3,535	0	0	
10/6/2014	0.007	0.006	0.008	0.010	0.009	211	238	525	826	0	3,570	0	0	8.5
10/13/2014	0.005	0.007	0.007	0.008	0.008	206	234	516	813		3,509	0	2	
10/20/2014	0.007	0.006	0.008	0.009	0.007	200	226	512		0	1,860	0	0	7.3
10/27/2014	0.006	0.006	0.007	0.008	0.008	198	226	504		0	1,841	0	0	
11/3/2014	0.009	0.006	0.007	0.008	0.008	0	237	501	659	309	3,383	309	0	7.4
11/10/2014	0.014	0.008	0.006	0.009	0.008	0	262	528	675	545	3,988	545	0	
11/17/2014	0.012		0.007		0.007	0	0	330	516	686	3,039	686	0	7.0
11/24/2014	0.008			0.007	0.007	0	0	0	598	592	2,360	592	0	
12/1/2014	0.008			0.006	0.006	0	0	0	666	494	2,300	494	0	6.0
12/8/2014	0.008	0.009	0.007	0.007	0.007	0	0	0	472	422	1,773	422	0	
12/15/2014	0.009			0.007	0.007	0	0	0	175	284	911	284	0	7.0
12/22/2014	0.007				0.008	0	0	0	0	40	79	40	0	
12/29/2014	0.013				0.010	0	0	0	0	31	1,436	31	0	10.0
Period	Total Flow ¹ (kac-ft)		12-Month FWMC ^{2,3} (ppb)		12-Month Moving Long-term Limit ² (ppb)		Percent of Sampling Events Greater than 10 ppb							
							Guideline ²		Observed ^{2,3}					
11/1/2013-10/30/2014	606.6		11.5		9.9		51.9%		40.9%					
12/1/2013-11/30/2014	605.2		11.6		10.0		51.9%		40.9%					
1/1/2014-12/31/2014	588.5		11.7		10.0		52.4%		39.1%					

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

Notes:

1. WY2015 (starting 10/1/2014) daily mean flow data for S12s are provisional values, and all Water Year 2014 (WY2014, ending 9/30/2014) 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 2015 (WY2015, October 1, 2014 – September 30, 2015) will be published at a later date when the final approved flow data are available for the federal water year (ending 9/30/2015). 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).