

PROVISIONAL
Shark River Slough
Total Phosphorus (TP) Tracking Report¹
 Second Quarter 2015 (April 2015 - June 2015)

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 in ac-ft	S333	S334	
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	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	87	93	
6/16/2014	0.048				0.037	0	0	0	0	0	0	0	0	no flow
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	1,362	474	0	35.9
7/7/2014	0.043		0.019	0.017	0.035	0	0	23	183	853	2,100	853	0	
7/14/2014	0.036		0.012	0.017	0.040	0	0	27	236	884	2,274	884	0	34.6
7/21/2014	0.023		0.015	0.018	0.026	0	0	41	257	781	2,141	781	0	
7/28/2014	0.022		0.017	0.015	0.022	0	0	64	296	567	1,838	567	0	19.4
8/4/2014	0.022	0.019	0.016	0.013	0.016	0	0	0	385	0	764	0	0	
8/11/2014	0.022	0.017	0.013	0.013	0.012	0	0	370	522	0	1,769	0	0	13.0
8/18/2014	0.010	0.010	0.012	0.012	0.011	142	166	365	579	0	2,483	0	0	
8/25/2014	0.007	0.006	0.007	0.010	0.016	138	162	337	534	884	4,076	884	0	11.6
9/2/2014	0.007	0.007	0.008	0.011	0.022	111	135	331	501	808	3,741	808	0	
9/8/2014	0.008	0.007	0.008	0.009	0.010	116	139	360	537	682	3,637	682	0	9.0
9/15/2014	0.009	0.007	0.009	0.010	0.008	177	198	462	706	0	3,060	0	0	
9/22/2014	0.007	0.007	0.008	0.010	0.007	203	225	497	715	0	3,253	0	0	8.6
9/29/2014	0.008	0.006	0.009	0.008	0.009	206	237	513	748	0	3,380	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	80	40	0	
12/29/2014	0.013				0.010	0	0	0	0	31	62	31	0	10.0
1/5/2015	0.014				0.010	0	0	0	0	0	0	0	0	
1/12/2015	0.010			0.010	0.010	0	0	0	116	57	343	57	0	10.0
1/20/2015	0.016			0.009	0.011	0	0	0	205		407	0	2	
1/26/2015	0.011			0.007		0	0	0	338	0	670	0	0	7.0
2/2/2015	0.008			0.008		0	0	0	327	0	649	0	0	
2/9/2015	0.009			0.009		0	0	0	262	0	520	0	0	9.0
2/16/2015	0.008			0.008		0	0	0	317	0	629	0	0	
2/23/2015	0.007			0.007		0	0	0	274	0	543	0	0	7.0
3/2/2015	0.009			0.011		0	0	0	205	0	407	0	0	
3/9/2015	0.012			0.011	0.011	0	0	0	130	68	392	68	0	11.0
3/16/2015	0.015				0.011	0	0	0	0	173	343	173	0	
3/23/2015	0.017				0.010	0	0	0	0	170	337	170	0	10.0
3/30/2015	0.012				0.012	0	0	0	0	29	57	29	0	
4/6/2015	0.015				0.011	0	0	0	0	0	0	0	0	no flow
4/13/2015	0.020				0.010	0	0	0	0	0	0	0	0	
4/20/2015	0.024				0.011	0	0	0	0	0	0	0	0	no flow
4/27/2015	0.021				0.010	0	0	0	0	0	0	0	0	
5/4/2015	0.019				0.014	0	0	0	0	0	0	0	0	no flow
5/11/2015	0.023				0.012	0	0	0	0	0	0	0	0	
5/18/2015	0.020				0.027	0	0	0	0	0	0	0	0	no flow
5/26/2015	0.030				0.011	0	0	0	0	0	0	0	0	
6/1/2015	0.023				0.013	0	0	0	0	0	0	0	0	no flow
6/8/2015	0.034				0.019	0	0	0	0	0	0	0	0	
6/15/2015	0.026				0.009	0	0	0	0	0	0	0	0	no flow
6/22/2015	0.037				0.012	0	0	0	0	0	0	0	0	
6/29/2015	0.039				0.013	0	0	0	0	0	0	0	0	no flow
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				
May 2014 - Apr 2015	519.3				12.0	10.4				Guideline ²	Observed ^{2,3}			
Jun 2014 - May 2015	502.3				12.0	10.5				54.6%	39.1%			
Jul 2014 - Jun 2015	486.6				11.1	10.6				55.2%	33.3%			
										55.7%	26.3%			

Blue shaded and bolded dates are 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 provisional daily flow datum was missing.

Notes:

- Both WY2014 and WY2015 daily mean flow data for S333 and S334 are final approved values. WY2014 (ending 9/30/2014) daily mean flow data for S12s are final approved values but WY2015 (starting 10/1/2015) are provisional values.
- The final 12-month flow-weighted mean concentration (FWMC) and long-term limit for 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.
- The bi-weekly sampling events and flow data are used to calculate provisional flow-weighted mean concentrations (FWMC).