

# PRELIMINARY

## Water Year 2015 (October 1, 2014 - September 30, 2015) Shark River Slough Total Phosphorus (TP) Compliance Tracking Data Report

Note: Flow Data are Provisional; The Limit and FWMC are Preliminary.

Event Date	TP Concentration (mg/L)					Daily Mean Flow (all in cfs except for SRS inflow)								Event FWMC (ppb)***
	S12A	S12B	S12C	S12D	S333	S12A	S12B	S12C	S12D	S333-S334	SRS Inflow in ac-ft*	S333	S334	
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	709**	0	1,860	0	0	8.0
10/27/2014	0.006	0.006	0.007	0.008	0.008	198	226	504	698**	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
7/6/2015	0.030				0.015	0	0	0	0	0	0	0	0	
7/13/2015	0.036				0.015	0	0	0	0	0	0	0	0	no flow
7/20/2015	0.045				0.018	0	0	0	0	0	0	0	0	
7/27/2015	0.036				0.015	0	0	0	0	0	0	0	0	no flow
8/3/2015	0.031				0.015	0	0	0	0	0	0	0	0	
8/10/2015	0.021				0.015	0	0	0	0	0	0	0	0	no flow
8/17/2015	0.015				0.015	0	0	0	0	0	0	0	0	
8/24/2015	0.017				0.015	0	0	0	0	0	0	0	0	no flow
8/31/2015	0.018				0.012	0	0	0	0	0	0	0	0	
9/8/2015	0.017				0.013	0	0	0	0	0	0	0	0	no flow
9/14/2015	0.013				0.014	0	0	0	0	0	0	0	0	
9/21/2015	0.011				0.013	0	0	0	0	0	0	0	0	no flow
9/28/2015	0.014				0.011	0	0	200	437	658	2,569	658	0	

### WY2015 Preliminary Results Using Provisional Flow Data and Preliminary TP Concentration Data

Period	Total Flow (kac-ft)	12-Month FWMC*** (ppb)	12-Month Moving Long-term Limit (ppb)	Percent of Sampling Events Greater than 10 ppb	
				Guideline	Observed
Oct 1, 2014 - Sep 30, 2015	275.7	7.7	11.9	63.1%	7.7%

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).

\* Shark River Slough (SRS) inflow = S12A+S12B+S12C+S12D+(S333-S334)

\*\* Missing daily flow data were filled with USGS's provisional data. All other flow data were USCOE's provisional data.

\*\*\* The bi-weekly sampling events and flow data were used to calculate flow-weighted mean concentrations (FWMC).