

Shark River Slough Water Year 2016

Alternative Method 1: S12s + [(S333 + S355A + S355B) - S334]

Total Phosphorus (TP) Tracking Data Report

WY2016 (October 2015 - September 2016)

Sampling Event Date	TP Concentration (mg/L)							Daily Mean Flow (cfs)									Event FWMC (ppb)
	S12A	S12B	S12C	S12D	S333	S355A	S355B	S12A	S12B	S12C	S12D	S333	S355A	S355B	S333 + S355A&B	S334	
10/5/2015	0.012		0.009	0.008	0.014			0	0	523	665	878	0		878	0	10.8
10/12/2015	0.006	0.006	0.008	0.016	0.013			186	189	443	593	827	0		827	0	
10/13/2015						0.019	0.018	183	185	437	594	753	0		753	0	
10/19/2015	0.006	0.006	0.008	0.013	0.009			177	197	459	665	221	0		221	0	9.6
10/26/2015	0.005	0.005	0.007	0.009	0.009			157	178	424	611	344	0		344	0	
11/2/2015	0.011	0.009	0.007	0.008	0.008			0	204	439	623	550	0		550	0	7.9
11/9/2015	0.014	0.010	0.006	0.009	0.010			0	193	416	605	586	0		586	0	
11/10/2015						0.029	0.023	0	91	214	444	595	0		595	0	
11/16/2015	0.013			0.009	0.009			0	0	0	309	392	0		392	0	9.0
11/23/2015	0.011			0.010	0.012			0	0	0	114	361	0		361	0	
12/1/2015	0.008			0.008	0.007			0	0	0	304	417	0		417	0	7.4
12/7/2015	0.011	0.007	0.007	0.009	0.008			0	237	814	1,040	0	0		0	0	
12/8/2015						0.011	0.009	0	461	795	1,020	0	0		0	0	
12/14/2015	0.010	0.006	0.005	0.007	0.008			0	435	742	952	23	0		23	0	6.1
12/21/2015	0.008	0.006	0.005	0.008	0.007			0	422	712	897	163	0		163	0	
12/28/2015	0.009	0.006	0.004	0.008	0.007			0	418	698	882	230	0		230	0	6.3
1/4/2016	0.011		0.006	0.008	0.008			0	0	720	919	281	0		281	0	
1/5/2016						0.008	0.008	0	0	717	916	265	0		265	0	
1/11/2016	0.008		0.006	0.006	0.006			0	0	742	932	113	0		113	0	6.0
1/19/2016	0.008		0.004	0.007	0.006			0	0	808	961	119	0		119	0	
1/25/2016	0.007		0.005	0.006	0.006			0	0	819	922	140	0		140	0	5.6
2/1/2016	0.005		0.005	0.008	0.007			0	0	1,040	1,160	0	0		0	0	
2/4/2016						0.007	0.007	0	0	1,060	1,160	1	0		1	156	
2/8/2016	0.006		0.005	0.007	0.006			0	0	1,200	1,300	338	0		338	280	6.0
2/15/2016	0.006		0.004	0.006	0.005			0	0	1,290	1,330	628	0		628	411	
2/22/2016	0.007		0.004	0.004	0.006			163	0	1,320	1,320	1,332	0		1,332	329	4.7
2/29/2016	0.006		0.004	0.004	0.007			309	0	1,290	1,340	1,341	0		1,341	0	
3/3/2016						0.006	0.006	279	0	1,260	1,320	1,321	31	0	1,352	0	
3/7/2016	0.007		0.005	0.004	0.005			267	0	1,190	1,270	1,293	12	0	1,305	0	4.8
3/14/2016	0.008		0.007	0.008	0.008			0	0	988	1,080	1,337		188	1,524	166	
3/17/2016							0.006	0	0	946	1,050	1,327		142	1,468	166	
3/21/2016	0.011		0.007	0.006	0.008			0	0	878	990	1,306		124	1,430	169	7.1
3/28/2016	0.008		0.006	0.006	0.007		0.006	0	0	731	845	1,321		170	1,491	171	
4/4/2016	0.008		0.006	0.004	0.010			0	0	639	780	1,330		180	1,510	156	7.2
4/12/2016	0.008		0.006	0.005	0.008			0	0	490	631	1,333		125	1,458	198	
4/13/2016						0.006	0.008	0	0	471	612	1,317		91	1,408	195	
4/18/2016	0.009		0.005	0.007	0.008			0	0	388	515	1,302		161	1,463	195	7.2
4/25/2016	0.010		0.006	0.007	0.006			0	0	310	439	1,246		152	1,398	187	
4/26/2016							0.016	0	0	294	422	1,232		168	1,400	187	
5/2/2016	0.008		0.006	0.006	0.010			0	0	180	292	1,207		141	1,348	324	8.6
5/9/2016	0.008		0.007	0.006	0.010	0.006	0.011	0	0	156	273	1,205		47	1,251	341	
5/16/2016	0.012		0.007	0.012	0.010			0	0	159	296	636			636	510	10.2
5/23/2016	0.011		0.008	0.012	0.015	0.007	0.014	0	0	167	319	701			701	508	
5/31/2016	0.015		0.009	0.009	0.011			0	0	144	306	702			702	516	9.6
6/6/2016	0.014		0.010	0.014	0.014	0.008	0.011	0	0	141	317	500			500	494	
6/13/2016	0.014		0.011	0.012	0.015			0	0	178	362	535			535	505	11.8
6/20/2016	0.013		0.010	0.012	0.013			0	0	196	373	556			556	494	
6/27/2016	0.012		0.008	0.009	0.015			0	0	183	338	1,142			1,142	1,002	10.0
7/5/2016	0.011		0.006	0.010	0.015			0	0	229	379	1,050			1,050	882	
7/11/2016	0.010		0.007	0.007	0.024	0.008	0.013	0	0	180	332	1,147			1,147	911	12.4
7/18/2016	0.011		0.007	0.012	0.013			0	0	161	331	1,118			1,118	896	
7/25/2016	0.009		0.005	0.007	0.019			0	0	199	351	1,151			1,151	945	9.7
8/1/2016	0.010		0.007	0.006	0.015			0	0	179	292	1,221			1,221	963	
8/8/2016	0.010		0.007	0.010	0.009			0	0	368	499	547			547	489	8.7
8/15/2016	0.007	0.006	0.008	0.010	0.010			161	144	355	522	506			506	692	
8/22/2016	0.006	0.007	0.008	0.008	0.010	0.009	0.011	135	129	307	515	392			392	0	8.3
8/29/2016	0.006	0.006	0.008	0.012	0.009			191	170	371	632	0			0	0	
9/6/2016	0.007	0.006	0.007	0.010	0.009	0.006	0.009	247	217	447	735	0			0	0	8.2
9/12/2016	0.006	0.008	0.009	0.010	0.008			280	244	490	784	132			132	126	
9/19/2016	0.005	0.005	0.006	0.008	0.007			314	279	533	842	255			255	258	6.6
9/26/2016	0.006	0.006	0.007	0.008	0.008			288	272	533	841	257			257	272	
Period	Total Flow ¹							WY2016 FWMC ²		WY2016 Long-term Limit		Percent of Sampling Events Greater than 10 ppb					
	(kac-ft)							(ppb)		(ppb)		Observed	Guideline				
October 2015 - September 2016							1444.5		7.2		7.6		15%	40%			

Blue shaded and **bolded** dates are the bi-weekly compliance sampling events and corresponding flow-weighted mean concentrations (FWMC).

Light green shaded cell indicates there was flow at the site on the sampling day.

S355B flows represent weir and temporary pumps.

Notes:

- Total of all flow at S12s + S333 + S355A + S355B.
- The bi-weekly sampling events and flow data are used to calculate FWMC.

Shark River Slough Water Year 2016
Alternative Method 2: S12s + [(S333 + S355A + S355B + S356) - S334]
Total Phosphorus (TP) Tracking Data Report
WY2016 (October 2015 - September 2016)

Sampling Event Date	TP Concentration (mg/L)								Daily Mean Flow (cfs)									Event FWMC (ppb)	
	S12A	S12B	S12C	S12D	S333	S355A	S355B	S356	S12A	S12B	S12C	S12D	S333	S355A	S355B	S356	S333 + S355A & B + S356		S334
10/5/2015	0.012		0.009	0.008	0.014			0.009	0	0	523	665	878	0	0	0	878	0	10.8
10/12/2015	0.006	0.006	0.008	0.016	0.013			0.012	186	189	443	593	827	0	0	0	827	0	
10/13/2015							0.019	0.018	183	185	437	594	753	0	0	0	753	0	
10/19/2015	0.006	0.006	0.008	0.013	0.009			0.007	177	197	459	665	221	0	343	563	0	9.2	
10/26/2015	0.005	0.005	0.007	0.009	0.009			0.007	157	178	424	611	344	0	306	651	0		
11/2/2015	0.011	0.009	0.007	0.008	0.008			0.006	0	204	439	623	550	0	0	550	0	7.6	
11/9/2015	0.014	0.010	0.006	0.009	0.010			0.007	0	193	416	605	586	0	267	852	0		
11/10/2015							0.029	0.023	0	91	214	444	595	0	262	857	0		
11/16/2015	0.013			0.009	0.009			0.007	0	0	0	309	392	0	267	659	0	8.4	
11/23/2015	0.011			0.010	0.012			0.007	0	0	0	114	361	0	267	628	0		
12/1/2015	0.008			0.008	0.007			0.006	0	0	0	304	417	0	267	683	0	7.0	
12/7/2015	0.011	0.007	0.007	0.009	0.008			0.009	0	237	814	1,040	0	0	0	0	0	0	
12/8/2015							0.011	0.009	0	461	795	1,020	0	0	0	0	0	0	
12/14/2015	0.010	0.006	0.005	0.007	0.008			0.004	0	435	742	952	23	0	266	289	0	5.9	
12/21/2015	0.008	0.006	0.005	0.008	0.007			0.005	0	422	712	897	163	0	267	429	0		
12/28/2015	0.009	0.006	0.004	0.008	0.007			0.006	0	418	698	882	230	0	266	496	0	6.2	
1/4/2016	0.011		0.006	0.008	0.008			0.005	0	0	720	919	281	0	266	548	0		
1/5/2016							0.008	0.008	0	0	717	916	265	0	266	531	0		
1/11/2016	0.008		0.006	0.006	0.006			0.005	0	0	742	932	113	0	270	383	0	5.9	
1/19/2016	0.008		0.004	0.007	0.006			0.006	0	0	808	961	119	0	262	381	0		
1/25/2016	0.007		0.005	0.006	0.006			0.007	0	0	819	922	140	0	46	186	0	5.6	
2/1/2016	0.005		0.005	0.008	0.007			0.007	0	0	1,040	1,160	0	0	0	0	0		
2/4/2016							0.007	0.007	0	0	1,060	1,160	1	0	4	5	156		
2/8/2016	0.006		0.005	0.007	0.006			0.010	0	0	1,200	1,300	338	0	0	338	280	6.0	
2/15/2016	0.006		0.004	0.006	0.005			0.006	0	0	1,290	1,330	628	0	0	628	411		
2/22/2016	0.007		0.004	0.004	0.006			0.007	163	0	1,320	1,320	1,332	0	0	1,332	329	4.7	
2/29/2016	0.006		0.004	0.004	0.007			0.008	309	0	1,290	1,340	1,341	0	0	1,341	0		
3/3/2016							0.006	0.006	279	0	1,260	1,320	1,321	31	0	0	1,352	0	
3/7/2016	0.007		0.005	0.004	0.005			0.008	267	0	1,190	1,270	1,293	12	0	1,305	0	4.8	
3/14/2016	0.008		0.007	0.008	0.008			0.006	0	0	988	1,080	1,337		188	0	1,524	166	
3/17/2016							0.006		0	0	946	1,050	1,327		142	4	1,472	166	
3/21/2016	0.011		0.007	0.006	0.008			0.007	0	0	878	990	1,306		124	0	1,430	169	7.1
3/28/2016	0.008		0.006	0.006	0.007		0.006	0.008	0	0	731	845	1,321		170	0	1,491	171	
4/4/2016	0.008		0.006	0.004	0.010			0.008	0	0	639	780	1,330		180	0	1,510	156	7.2
4/12/2016	0.008		0.006	0.005	0.008			0.008	0	0	490	631	1,333		125	0	1,458	198	
4/13/2016							0.006	0.008	0	0	471	612	1,317		91	4	1,412	195	
4/18/2016	0.009		0.005	0.007	0.008			0.008	0	0	388	515	1,302		161	0	1,463	195	7.2
4/25/2016	0.010		0.006	0.007	0.006			0.006	0	0	310	439	1,246		152	0	1,398	187	
4/26/2016							0.016		0	0	294	422	1,232		168	4	1,404	187	
5/2/2016	0.008		0.006	0.006	0.010			0.006	0	0	180	292	1,207		141	0	1,348	324	8.6
5/9/2016	0.008		0.007	0.006	0.010	0.006	0.011	0.008	0	0	156	273	1,205		47	0	1,251	341	
5/16/2016	0.012		0.007	0.012	0.010			0.010	0	0	159	296	636		0	636	510	10.2	
5/23/2016	0.011		0.008	0.012	0.015	0.007	0.014	0.012	0	0	167	319	701		0	701	508		
5/31/2016	0.015		0.009	0.009	0.011			0.010	0	0	144	306	702		4	706	516	9.6	
6/6/2016	0.014		0.010	0.014	0.014	0.008	0.011	0.011	0	0	141	317	500		0	500	494		
6/13/2016	0.014		0.011	0.012	0.015			0.012	0	0	178	362	535		0	535	505	11.8	
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8/15/2016	0.007	0.006	0.008	0.010	0.010			0.011	161	144	355	522	506		0	506	692		
8/22/2016	0.006	0.007	0.008	0.008	0.010	0.009	0.011	0.007	135	129	307	515	392		133	525	0	8.2	
8/29/2016	0.006	0.006	0.008	0.012	0.009			0.006	191	170	371	632	0		132	132	0		
9/6/2016	0.007	0.006	0.007	0.010	0.009	0.006	0.009	0.015	247	217	447	735	0		4	4	0	8.2	
9/12/2016	0.006	0.008	0.009	0.010	0.008			0.014	280	244	490	784	132		0	132	126		
9/19/2016	0.005	0.005	0.006	0.008	0.007			0.011	314	279	533	842	255		0	255	258	6.6	
9/26/2016	0.006	0.006	0.007	0.008	0.008			0.011	288	272	533	841	257		0	257	272		

Blue shaded and **bolded** dates are the bi-weekly compliance sampling events and corresponding flow-weighted mean concentrations (FWMC).
Light green shaded cell indicates there was flow at the site on the sampling day.
S355B flows represent weir and temporary pumps.

- Notes:
1. Total of all flow at S12s + S333 + S355A + S355B + S356.
2. The bi-weekly sampling events and flow data are used to calculate flow-weighted mean concentrations.