

Shark River Slough First Quarter 2021

S12s + [S333 + S333N + S355A + S355B + minimum(S356,S335) - S334]

Total Phosphorus (TP) Tracking Data Report (Provisional flow data from October 1, 2020, Sourced from USGS)

Sampling Event Date	TP Concentration (mg/L)									Daily Mean Flow (cfs)													S334 Adjusted Flow (cfs)					FWMC: S12s + [S333+S355A&B+ min(S356,S335)-S334]			
	S12A	S12B	S12C	S12D	S333	S333N	S355A	S355B	S356	S12A	S12B	S12C	S12D	S333	S333N	S355A	S355B	S356	S335	min (S356, S335)	S333 + S355A&B + min(S356,S335)	S334	S333	S333N	S355A	S355B	min(S356, S335)	Loads	Total Flow	FWMC	
2/3/2020	0.011				0.007	0.006	0.009	0.008	0.012	0	0	0	0	125	0	0	0	0	52	0	125	106	19	0	0	0	0	0	0.13	19	7.0
2/10/2020	0.011				0.006	0.007			0.012	0	0	0	0	163	0	0	0	0	52	0	163	163	0.3	0	0	0	0	0			
2/17/2020	0.010				0.006	0.007	0.008	0.010	0.010	0	0	0	0	160	0	0	0	0	48	0	160	161	--	0	0	0	0	0	0.00	0	No flow
2/24/2020	0.012				0.008	0.010			0.012	0	0	0	0	239	0	0	0	1	35	1	240	244	--	0	0	0	0	0			
3/2/2020	0.008				0.007	0.008	0.010	0.013	0.012	0	0	0	0	196	0	0	0	0	8	0	196	190	7	0	0	0	0	0	0.05	7	7.0
3/9/2020	0.013				0.010	0.009			0.016	0	0	0	0	254	0	0	0	2	0	0	254	242	13	0	0	0	0	0			
3/16/2020	0.026				0.010	0.009		0.029	0.011	0	0	0	0	203	0	0	0	12	0	0	203	205	--	0	0	0	0	0	0.00	0	No flow
3/23/2020	0.029				0.011	0.012			0.014	0	0	0	0	282	0	0	0	0	0	0	282	275	7	0	0	0	0	0			
3/30/2020	0.038				0.016	0.017			0.015	0	0	0	0	192	0	0	0	0	0	0	192	191	0.8	0	0	0	0	0	0.01	1	16.0
4/6/2020	0.040				0.023	0.019			0.016	0	0	0	0	240	0	0	0	14	0	0	240	228	11.5	0	0	0	0	0			
4/13/2020	0.037				0.021	0.024			0.021	0	0	0	0	219	0	0	0	0	0	0	219	219	0.1	0	0	0	0	0	0.0019	0.09	21.0
4/20/2020	0.029				0.019	0.020			0.019	0	0	0	0	226	0	0	0	0	0	0	226	227	--	0	0	0	0	0			
4/27/2020	0.020				0.025	0.024	0.038	0.033	0.028	0	0	0	0	263	0	0	0	0	0	0	263	253	11	0	0	0	0	0	0.27	11	25.0
5/4/2020	0.032				0.025	0.033			0.023	0	0	0	0	288	0	0	0	0	0	0	288	285	2.8	0	0	0	0	0			
5/11/2020	0.026				0.027	0.027			0.024	0	0	0	0	317	0	0	0	0	0	0	317	305	11	0	0	0	0	0	0.31	11	27.0
5/18/2020	0.029				0.026	0.026			0.024	0	0	0	0	239	0	0	0	0	0	0	239	220	19	0	0	0	0	0			
5/26/2020	0.025				0.021		0.022	0.040	0.011	0	0	0	0	0	0	0	0	202	0	0	0	0	0	0	0	0	0	0.00	0	No flow	
6/1/2020	0.042				0.022	0.023			0.007	0	0	0	0	981	0	0	0	266	0	0	981	0	981	0	0	0	0	0			
6/8/2020	0.024		0.015	0.017	0.016	0.017			0.006	0	0	140	295	252	0	0	0	372	0	0	252	0	252	0	0	0	0	0	11.15	687	16.2
6/15/2020	0.017		0.010	0.014	0.014	0.013			0.005	0	0	147	332	651	0	0	0	332	0	0	651	0	651	0	0	0	0	0			
6/22/2020	0.014		0.008	0.012	0.013	0.013	0.010	0.017	0.006	0	0	194	435	678	0	0	0	485	32	32	711	0	678	0	0	0	32	15.78	1,340	11.8	
6/29/2020	0.017		0.010	0.012	0.015	0.013			0.005	0	0	174	403	1369	0	0	0	399	33	33	1402	0	1369	0	0	0	33				
7/6/2020	0.014		0.010	0.010	0.019	0.012			0.006	0	0	178	407	1351	0	0	0	396	0	0	1351	0	1351	0	0	0	0	0	31.53	1,936	16.3
7/13/2020	0.022		0.009	0.010	0.009	0.010			0.005	0	0	197	415	1335	0	0	0	442	0	0	1335	0	1335	0	0	0	0	0			
7/20/2020	0.009	0.006	0.006	0.010	0.011	0.012	0.022	0.014	0.004	0	200	211	412	1360	0	0	0	133	58	58	1418	0	1360	0	0	0	58	21.77	2,241	9.7	
7/27/2020	0.006	0.005	0.005	0.009	0.009	0.009			0.005	328	223	240	456	1359	0	0	0	397	63	63	1422	0	1359	0	0	0	63				
8/3/2020	0.007	0.006	0.007	0.013	0.009	0.009	0.008	0.011	0.005	329	227	247	483	1395	0	0	0	400	127	127	1522	0	1395	0	0	0	127	24.86	2,808	8.9	
8/10/2020	0.006	0.006	0.007	0.009	0.009	0.010			0.006	313	226	257	516	1387	0	0	0	394	121	121	1508	0	1387	0	0	0	121				
8/17/2020	0.006	0.005	0.006	0.009	0.010	0.008			0.004	263	195	236	512	804	0	0	0	394	168	168	972	0	804	0	0	0	168	17.29	2,178	7.9	
8/24/2020	0.006	0.005	0.006	0.008	0.009	0.009			0.006	271	200	232	481	1245	0	0	0	400	173	173	1418	0	1245	0	0	0	173				
8/31/2020	0.008	0.008	0.009	0.010	0.008	0.008			0.005	287	226	272	591	283	0	0	0	400	178	178	461	0	283	0	0	0	178	15.62	1,837	8.5	
9/8/2020	0.006	0.005	0.006	0.008	0.008	0.006			0.006	323	248	275	547	1162	0	0	0	400	253	253	1415	0	1162	0	0	0	253				
9/14/2020	0.006	0.005	0.005	0.008	0.008	0.007			0.005	295	230	258	507	1386	0	0	0	388	252	252	1638	0	1386	0	0	0	252	20.61	2,928	7.0	
9/21/2020	0.006	0.007	0.006	0.008	0.009	0.009			0.006	258	217	265	549	522	0	0	0	449	237	237	758	0	522	0	0	0	237				
9/28/2020	0.007	0.007	0.007	0.008	0.009	0.007	0.006	0.007	0.004	341	297	378	779	0	0	0	0	468	269	269	269	0	0	0	0	0	269	14.42	2,064	7.0	
10/5/2020	0.007	0.007	0.008	0.009	0.007	0.008			0.005	445	362	452	904	0	0	0	0	401	197	197	197	0	0	0	0	0	197				
10/12/2020	0.006	0.006	0.007	0.008	0.008	0.007			0.005	452	381	490	974	0	0	0	0	423	200	200	200	0	0	0	0	0	200	17.22	2,497	6.9	
10/19/2020	0.006	0.005	0.005	0.008	0.008	0.008			0.006	466	392	498	928	1296	0	0	0	400	246	246	1542	0	1296	0	0	0	246				
10/26/2020	0.007	0.005	0.007	0.009	0.009	0.009	0.006	0.008	0.005	597	499	659	1300	0	0	0	0	534	27	27	27	0	0	0	0	0	27	23.12	3,082	7.5	
11/2/2020	0.009	0.006	0.005	0.009	0.008	0.009			0.006	0	614	853	1510	0	0	0	0	532	214	214	214	0	0	0	0	0	214				
11/10/2020	0.006	0.004	0.005	0.010	0.009	0.009			0.006	1020	921	1300	2080	0	0	0	0	531	65	65	65	0	0	0	0	0	65	37.49	5,386	7.0	
11/16/2020	0.005	0.004	0.004	0.012	0.010	0.011			0.007	1240	1220	1810	2600	78	79	0	0	22	83	22	178	0									