

Shark River Slough Second Quarter 2021

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

Total Phosphorus (TP) Compliance Tracking Data Report (S12s daily flow data are 'Provisional' data from October 1, 2020, sourced from USGS data)

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
5/4/2020	0.032				0.025	0.033			0.023	0	0	0	0	288	0	0	0	0	0	288	285	2.8	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	317	305	11	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	239	220	19	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	0.00	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	0	981	0	981	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	0	252	0	252	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	0	651	0	651	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	32	15.78	1340	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	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	31.53	1936	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				
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	58	21.77	2241	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	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	127	24.86	2808	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	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	168	17.29	2178	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	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	178	15.62	1837	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	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	252	20.61	2928	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	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	269	14.42	2064	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	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	200	17.22	2497	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	246				
10/26/2020	0.007	0.005	0.007	0.009	0.008	0.009	0.006	0.008	0.005	597	499	659	1300	0	0	0	0	534	27	27	27	0	0	0	0	27	23.12	3082	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	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	65	37.49	5386	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	78	79	0	22				
11/23/2020	0.005	0.005	0.006	0.008	0.007	0.007	0.005	0.007	0.006	1370	1340	1960	2730	97	0	0	0	516	556	516	612	0	97	0	0	516	50.92	8012	6.4	
11/30/2020	0.005	0.004	0.004	0.007	0.007	0.007			0.005	1260	1220	1810	2520	96	75	0	0	134	566	134	305	0	96	75	0	134				
12/7/2020	0.006	0.005	0.005	0.006	0.006	0.006			0.006	1280	1210	1760	2420	98	76	0	0	211	557	211	385	0	98	76	0	211	39.36	7055	5.6	
12/14/2020	0.005	0.004	0.003	0.007	0.005	0.006			0.006	1210	1130	1640	2220	78	63	0	0	0	580	0	142	0	78	63	0	0				
12/21/2020	0.004	0.005	0.004	0.006	J	0.007	J	J	0.010	937	881	1320	1900	306	0	0	0	0	469	0	306	300	6	0	0	0	24.83	5038	4.9	
12/28/2020	0.004	0.004	0.004	0.006	0.006	0.005			0.009	797	721	1060	1650	454	0	0	0	0	474	0	454	444	10	0	0	0				
1/4/2021	0.004	0.004	0.004	0.007	0.007	0.007	0.004	0.006	0.010	682	586	838	1410	550	0	0	0	1953	4	0	550	543	7	0	0	0	18.35	3524	5.2	
1/11/2021	0.005	0.005	0.003	0.006	0.006	0.006			0.008	543	463	605	1070	1481	0	0	0	1932	4	0	1481	291	1190	0	0	0				
1/19/2021	0.005	0.005	0.003	0.007	0.006	0.006			0.009	449	377	452	887	1406	3	0	0	2174	4	0	1409	276	1131	2	0	0	18.49	3298	5.6	
1/25/2021	G	G	G	G	G	G			G	0	396	445	995	37	74	0	0	2611	5	0	111	0	37	74	0	0				
2/1/2021	0.010		0.006	0.008	0.006	0.008			0.006	0	0	392	830	865	489	0	0	2527	5	74	1428	0	865	489	0	74	18.54	2650	7.0	
2/8/2021	0.010		0.006	0.006	0.007	0.007			0.005	0	0	384	793	211	524	0	0	2688	5	265	1000	0	211	524	0	265				
2/15/2021	0.013		0.009	0.008	0.008	0.008	0.005	0.008	0.005	0	0	328	638	711	694	0	0	2661	5	262	1666	0	711	694	0	262	20.60	2632	7.8	
2/22/2021	0.011		0.009	0.008	0.009	0.009			0.005	0	0	310	600	631	658	0	0	2559	5	263	1551	0	631	658	0	263				
3/1/2021	0.013		0.008	0.009	0.010	0.010			0.005	0	0	87	519	650	669	0	0	1326	3	265	1584	0	650	669	0	265	18.02	2103	8.6	
3/8/2021	0.014		0.009	0.010	0.010	0.010			0.006	0	0	520	426	691	0	0	0	2408	5	246	1363	0	426	691	0	246				
3/15/2021	0.011		0.008	0.008	0.009	0.009	0.006	0.009	0.005	0	0	426	584	653	0	0	0	2557	5	231	1478	0	584	653	0	231	15.19	1904	8.0	
3/22/2021	0.013		0.006	0.009	0.010	0.010			0.005	0	0	336	584	729	0	0	0	2531	5	186	1498	0	584	729	0	186				
3/29/2021	0.020		0.011	0.011	0.011	0.011			0.006	0	0	308	441	619	0	0	0	1613	3	143	1204	0	441	619	0	143	15.91	1512	10.5	
4/5/2021	0.021		0.012	0.014	0.014	0.014			0.007	0	0	240	406	567	0	0	0	266	103	103	1076	0	406	567	0	103				
4/12/2021	0.030		0.014	0.014	0.014	0.014			0.007	0	0	195	484																	