

# Shark River Slough Fourth Quarter 2021

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

Total Phosphorus (TP) Data Report (4th Quarter 2021 daily flow data for S12s are 'Provisional', sourced from USGS database)

Sampling Event Date	TP Concentration (mg/L)										Daily Mean Flow (cfs)										S334 Adjusted Flow (cfs)					Sampling Event TP FWMC: S12s + [S333+S333N+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 + S333N + S355A&B + min(S356,S335)	S334	S333	S333N	S355A	S355B	min(S356, S335)	Sampled Flow (cfs)	Flow (cfs) * TP (mg/L)	Event FWMC (ppb)	
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	5385.82	37.49	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	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	0	516	8012.34	50.92	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	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	0	211	7054.73	39.36	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	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	469	0	0	306	300	6	0	0	0	0	5038.00	24.83	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	474	0	0	454	444	10	0	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	846	1410	550	0	0	0	461	0	0	550	543	7	0	0	0	0	3531.30	18.38	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	408	0	0	1481	291	1190	0	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	343	0	0	1409	276	1131	2	0	0	0	3297.86	18.49	5.6	
1/25/2021	G	G	G	G	G	G			G		0	396	445	995	37	74	0	0	0	419	0	111	0	37	74	0	0	0				
2/1/2021	0.010		0.006	0.008	0.006	0.008			0.006		0	33	392	830	865	489	0	0	74	398	74	1428	0	865	489	0	0	74	2650.10	18.54	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	265	340	265	1000	0	211	524	0	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	262	323	262	1666	0	711	694	0	0	262	2632.07	20.60	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	302	263	263	1551	0	631	658	0	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	265	302	265	1584	0	650	669	0	0	265	2103.01	18.02	8.6	
3/8/2021	0.014		0.009	0.010	0.010	0.010			0.006		0	0	0	520	426	691	0	0	399	246	246	1363	0	426	691	0	0	246				
3/15/2021	0.011		0.008	0.008	0.009	0.009	0.006	0.009	0.005		0	0	0	426	594	653	0	0	394	231	231	1478	0	594	653	0	0	231	1904.00	15.19	8.0	
3/22/2021	0.013		0.006	0.009	0.010	0.010			0.005		0	0	0	336	584	729	0	0	396	186	186	1498	0	584	729	0	0	186				
3/29/2021	0.020		0.011	0.011	0.011	0.011			0.006		0	0	0	308	441	619	0	0	394	143	143	1204	0	441	619	0	0	143	1511.54	15.91	10.5	
4/5/2021	0.021		0.012	0.014	0.014	0.014			0.006		0	0	0	240	406	567	0	0	266	103	103	1076	0	406	567	0	0	103				
4/12/2021	0.030		0.014	0.014	0.014	0.014			0.007		0	0	0	195	484	504	0	0	132	97	97	1065	0	484	504	0	0	97	1279.60	17.24	13.5	
4/19/2021	0.031		0.016	0.018	0.017	0.017			0.005		0	0	0	136	392	482	0	0	133	87	87	962	0	392	482	0	0	87				
4/26/2021	0.031		0.022	0.021	0.017	0.017	0.007	0.013	0.005		0	0	0	91	274	483	0	0	127	95	95	852	0	274	483	0	0	95	942.97	16.44	17.4	
5/3/2021	0.053		0.020	0.020	0.022	0.022			0.009		0	0	0	45	140	389	0	0	0	0	0	528	0	140	389	0	0	0				
5/10/2021	0.044		0.032	0.022	0.029	0.029	0.014	0.020	0.012		0	0	0	24	0	450	0	0	0	0	0	450	0	0	450	0	0	0	474.47	13.83	29.2	
5/17/2021	0.053		0.031	0.031	0.030	0.030			0.012		0	0	0	9	0	420	0	0	0	0	0	420	0	0	420	0	0	0				
5/24/2021	0.051		0.032	0.020	0.023	0.023	0.012	0.022	0.032		0	0	21	0	0	448	0	0	0	0	0	448	60	0	388	0	0	0	409.73	9.62	23.5	
6/1/2021	0.059		0.040	0.027	0.028	0.028			0.041		0	0	4	0	0	396	0	0	0	0	0	396	97	0	299	0	0	0				
6/7/2021	0.046		0.030	0.026	0.026	0.026			0.017		0	0	0	0	3	376	0	0	0	0	0	379	0	3	376	0	0	0	378.86	9.85	26.0	
6/14/2021	0.058		0.035	0.025	0.024	0.024			0.025		0	0	0	42	441	0	0	0	0	0	483	10	41	432	0	0	0					
6/21/2021	0.046		0.034	0.027	0.026	0.026	0.022	0.036	0.010		0	0	27	0	0	370	0	0	133	0	0	370	0	0	370	0	0	0	397.37	10.55	26.5	
6/28/2021	0.054		0.032	0.020	0.019	0.019			0.006		0	0	36	0	0	600	0	0	129	0	0	600	0	0	600	0	0	0				
7/6/2021	0.060		0.024	0.018	0.018	0.018			0.006		0	0	88	0	0	624	0	0	258	0	0	624	0	0	624	0	0	0	712.55	13.36	18.7	
7/12/2021	0.034		0.028	0.017	0.018	0.018			0.005		0	0	129	0	0	690	0	0	260	0	0	690	0	0	690	0	0	0				
7/19/2021	0.023		0.013	0.014	0.016	0.016	0.008	0.013	0.005		0	0	172	0	0	664	0	0	297	0	0	664	0	0	664	0	0	0	835.56	12.85	15.4	
7/26/2021	0.028		0.014	0.014	0.015	0.015			0.005		0	0	0	508	0	643	0	0	331	0	0	643	0	0	643	0	0	0				
8/2/2021	0.021		0.013	0.013	0.015	0.015			0.007		0	0	0	244	0	753	0	0	385	0	0	753	0	0	753	0	0	0	752.91	11.29	15.0	
8/9/2021	0.018		0.011	0.011	0.013	0.013			0.004		0	0	0	269	0	897	0	0	394	0	0	897	0	0	897	0	0	0				
8/16/2021	0.013	0.011	0.011	0.012	0.011	0.011	0.013	0.014	0.005		106	96	225	284	0	377	0	0	469	88	88	469	0	0	377	0	0	88	1175.76	12.90	11.0	
8/23/2021	0.012	0.010	0.011	0.013	0.012	0.013			0.005		104	100	220	277	0	741	0	0	397	68	68	805	0	0	741	0	0	68				
8/30/2021	0.012	0.010	0.010	0.012	0.010	0.011			0.006		86	116	196	231	0	803	0	0	260	63	63	865	0	0	803	0	0	63	1493.88	16.12	10.8	
9/7/2021	0.013	0.010	0.010	0.011	0.011	0.011			0.005		0	135	341	0	0	934	0	0	397	63	63	997	0	0	934	0	0	63				
9/13/2021	0.023	0.011	0.010	0.011	0.013	0.013			0.005		0	140	348	0	0	940	0	0	391	70	70	1010	0	0	940	0	0	70	1497.75	17.59	11.7	
9/20/2021	0.031	0.012	0.008	0.010	0.010	0.010			0.005		0	183	442	0	0	807	0	0	389	68	68	874	0	0	807	0	0	68				
9/27/2021	0.020	0.012	0.008	0.010																												