

Shark River Slough First Quarter 2022

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

Total Phosphorus (TP) Data Report (WY2022 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)
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	0.008	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		0.005	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		0.006	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	0.006	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	0.008	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		0.006	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		0.006	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		0.007	0	0	0	195	484	504	0	0	132	97	97	1085	0	484	504	0	0	97	1279.60	17.24	13.5	
4/19/2021	0.031			0.016	0.018	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	0.007	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		0.009	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	0.014	0.020	0.012	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		0.012	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		0.012	0.022	0.032	0	0	21	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				0.041	0	0	4	0	0	396	0	0	0	0	396	97	0	299	0	0	0				
6/7/2021	0.046	0.030		0.026	0.026				0.017	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				0.025	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		0.022	0.036	0.010	0	0	27	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				0.006	0	0	36	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				0.006	0	0	88	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				0.005	0	0	129	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		0.008	0.013	0.005	0	0	172	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	0.015				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	0.015				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			0.004	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	465	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	809	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			0.005	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			0.005	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			0.005	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	0.010	0.008	0.010	0.006	0	214	489	0	0	1015	0	0	486	81	81	1096	0	0	1015	0	0	81	1799.00	17.12	9.5
10/4/2021	0.016		0.009	0.009	0.011	0.009			0.006	0	135	342	0	0	929	0	0	386	70	70	998	0	0	929	0	0	70			
10/11/2021	0.016		0.008	0.009	0.010	0.007			0.005	0	0	826	818	1094	0	0	453	84	84	1178	0	1094	0	0	0	84	2822.37	25.33	9.0	
10/18/2021	0.015		0.008	0.013	0.008	0.008			0.006	0	0	949	1160	0	0	0	398	83	83	83	0	0	0	0	0	83				
10/25/2021	0.014		0.007	0.010	0.008	0.007	0.008	0.010	0.006	0	0	721	859	471	630	0	0	391	82	82	1184	0	471	630	0	0	82	2763.54	22.31	8.1
11/1/2021	0.014		0.007	0.011	0.009	0.008			0.006	0	0	613	760	588	618	0	0	401	55	55	1262	0	588	618	0	0	55			
11/8/2021	0.011		0.007	0.010	0.012	0.011			0.005	0	0	541	990	565	572	0	0	398	46	46	1183	0	565	572	0	0	46	2714.12	26.99	9.9
11/15/2021	G		G	G	G			G	0	0	880	1110	0	0	0	0	402	51	51	51	0	0	0	0	0	51				
11/22/2021	0.017		0.006	0.008	0.007	0.006	0.005	0.008	0.005	0	0	930	1180	172	161	0	0	395	52	52	384	0	172	161	0	0	52	2494.32	17.45	7.0
11/29/2021	0.014			0.006	0.007	0.007			0.007	0	0	0	730	687	698	0	0	395	51	51	1435	0	687	698	0	0	51			
12/6/2021	0.011			0.006	NOB	0.006	0.005	0.006	0.006	0	0	725	634	646	0	0	397	49	49	1329	0	634	646	0	0	49	1420.08	8.52	6.0	
12/13/2021	0.014			0.007	NOB	0.009			0.005	0	0	0	708	667	672	0	0	376	48	48	1387	0	667	672	0	0	48			
12/20/2021	0.012			0.006	NOB	0.008			0.005	0	0	0	678	687	684	0	0	399	47	47	1419	0	687	684	0	0	47	1409.71	9.78	6.9
12/27/2021	0.010			0.006	NOB	0.008			0.006	0	0	0	645	637	637	0	0	395	47	47	1321	0	637	637	0	0	47			
1/3/2022	0.012			0.006	NOB	0.009			0.005	0	0	0	590	643	675	0	0	312	45	45	1363	0	643	675	0	0	45	9.84	1309.82	7.5
1/10/2022	0.011			0.006	NOB	0.008			0.006	0	0	0	378	601	632	0	0	393	44	44	1276	0	601	632	0	0	44			
1/18/2022	0.011			0.006	NOB	0.010	0.005	0.007	0.008	0	0	0	358	601																