

# Shark River Slough Fourth Quarter 2023

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

Total Phosphorus (TP) Data Report (FWY2024 daily flow data for S12s are 'Provisional')

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)
11/7/2022	0.014		0.008	0.009	0.009	0.009		0.006	0	0	808	945	419	375			479	52	52	846	0	419	375	0	0	52	22.43	2599.3	8.6	
11/14/2022	0.013		0.007	0.010	0.008	0.008		0.006	0	0	797	914	323	313			513	53	53	688	0	323	313	0	0	53				
11/21/2022	0.010		0.005	0.007	0.007	0.007	0.004	0.006	0.005	0	0	856	989	46	47			512	1	1	95	0	46	47	0	0	1	11.86	1939.5	6.1
11/28/2022	0.010		0.006	0.008	0.007	0.007		0.005	0	0	811	893	316	305			521	17	17	638	0	316	305	0	0	17				
12/5/2022	0.010		0.004	0.009	0.007	0.007		0.006	0	0	728	823	371	373			520	0	0	744	0	371	373	0	0	0	15.53	2295.4	6.8	
12/12/2022	0.009		0.005	0.008	0.008	0.007		0.006	0	0	640	740	404	408			522	0	0	812	0	404	408	0	0	0				
12/19/2022	0.010		0.004	0.010	0.008	0.007	0.004	0.006	0.006	0	0	634	789	0	0			526	0	0	0	0	0	0	0	0	10.43	1423.0	7.3	
12/27/2022	0.008		0.004	0.006	0.006	0.007		0.006	0	0	627	799	161	156			466	0	0	317	0	161	156	0	0	0				
1/3/2023	0.017		0.008	0.008	0.008	0.009		0.006	0	0	331	764	207	198			522	0	0	405	0	207	198	0	0	0	12.20	1499.9	8.1	
1/9/2023	0.010		0.005	0.008	0.006	0.007		0.005	0	0	317	703	313	304			525	0	0	617	0	313	304	0	0	0				
1/17/2023	0.011		0.007	0.006	0.007	0.007		0.005	0	0	293	645	264	258			478	45	45	567	0	264	258	0	0	45	9.80	1505.0	6.5	
1/23/2023	0.011		0.006	0.007	0.007	0.007		0.006	0	0	273	573	313	307			371	0	0	620	0	313	307	0	0	0				
1/30/2023	0.010		0.008	0.008	0.007	0.007	0.004	0.008	0.007	0	0	0	519	372	377			260	0	0	749	0	372	377	0	0	0	9.77	1268.0	7.7
2/6/2023	0.013		0.008	0.008	0.009	0.009		0.005	0	0	0	497	397	407			171	0	0	804	0	397	407	0	0	0				
2/13/2023	0.012		0.008	0.009	0.009	0.009		0.007	0	0	0	341	404	416			388	0	0	820	0.04	404	416	0	0	0	10.11	1161.3	8.7	
2/20/2023	0.013		0.009	0.008	0.010	0.010		0.007	0	0	0	320	408	425			266	0	0	833	0	408	425	0	0	0				
2/27/2023	0.017		0.009	0.012	0.011	0.007	0.012	0.006	0	0	0	281	362	379			261	0	0	741	0	362	379	0	0	0	11.04	1022.1	10.8	
3/6/2023	0.021		0.010	0.015	0.013	0.011		0.006	0	0	124	172	336	359			242	0	0	695	0	336	359	0	0	0				
3/13/2023	0.023		0.016	0.015	0.016	0.014		0.005	0	0	61	131	292	322			128	0	0	614	0	292	322	0	0	0	12.12	805.9	15.0	
3/20/2023	0.025	0.015	0.016	0.012	0.015	0.016		0.007	0	0	22	104	0	703			133	0	0	703	0	0	703	0	0	0				
3/27/2023	0.030	0.024	0.021	0.015	0.017	0.019	0.008	0.015	0.011	0	0	2	61	81	516			0	0	597	0	81	516	0	0	0	12.13	659.5	18.4	
4/3/2023	G	G	G	G	G	G		G	0	0	1	62	71	484			0	0	0	555	0	71	484	0	0	0				
4/10/2023	0.031	0.026	0.022	0.022	0.026	0.028	0.015	0.027	0.010	0	0	0	58	0	544			0	37	0	544	0	0	544	0	0	0	16.50	601.7	27.4
4/17/2023	0.029	0.024	0.019	0.023	0.025	0.027		0.006	0	0	55	200	132	258			341	0	0	389	0	132	258	0	0	0				
4/24/2023	0.022	0.018	0.016	0.018	0.020	0.018		0.006	0	0	70	200	138	524			262	0	0	662	0	138	524	0	0	0	16.93	932.9	18.1	
5/1/2023	0.038	0.017	0.018	0.015	0.020	0.018		0.006	0	0	76	201	107	525			157	0	0	632	0	107	525	0	0	0				
5/8/2023	0.022	0.016	0.015	0.016	0.017	0.018		0.022	0	0	67	189	107	585			18	0	0	692	0	107	585	0	0	0	16.37	947.7	17.3	
5/15/2023	0.021	0.017	0.014	0.015	0.017	0.016		0.011	0	0	66	187	102	509			0	0	0	611	0	102	509	0	0	0				
5/22/2023	0.027	0.022	0.016	0.017	0.020	0.020	0.022	0.028	0.007	0	0	68	189	91	556			160	0	0	646	0	91	556	0	0	0	17.23	903.2	19.1
5/30/2023	0.018	0.014	0.013	0.015	0.016	0.020		0.006	0	0	99	226	95	639			292	0	0	734	0	95	639	0	0	0				
6/5/2023	0.022	0.014	0.009	0.012	0.012	0.013	0.010	0.012	0.006	0	0	165	296	108	491			305	0	0	598	0	108	491	0	0	0	12.71	1059.3	12.0
6/12/2023	0.014	0.015	0.011	0.012	0.012	0.012		0.006	0	0	169	282	105	545			395	0	0	651	0	105	545	0	0	0				
6/19/2023	0.018	0.017	0.012	0.011	0.012	0.012		0.006	0	0	205	323	118	550			332	0	0	667	0	118	550	0	0	0	14.02	1195.3	11.7	
6/26/2023	0.017	0.010	0.008	0.010	0.016	0.010		0.006	0	0	315	473	962	0			386	0	0	962	0	962	0	0	0	0				
7/5/2023	0.015	0.012	0.010	0.011	0.012	0.010		0.006	0	0	396	577	815	0			395	0	0	815	0	815	0	0	0	0	20.08	1787.7	11.2	
7/10/2023	0.017	0.011	0.007	0.010	0.014	0.008		0.005	0	0	426	607	957	0			397	0	0	957	0	957	0	0	0	0				
7/17/2023	0.012	0.007	0.008	0.010	0.013	0.009	0.007	0.009	0.005	177	162	405	598	954	0			391	0	0	954	0	954	0	0	0	24.89	2296.4	10.8	
7/24/2023	0.008	0.006	0.009	0.008	0.009	0.007		0.006	170	148	357	597	941	0			391	0	0	941	0	941	0	0	0	0				
7/31/2023	0.007	0.006	0.008	0.011	0.009	0.009		0.005	177	155	370	637	768	0			386	0	0	768	0	768	0	0	0	0	19.05	2106.9	9.0	
8/7/2023	0.005	0.005	0.007	0.008	0.008	0.008		0.005	195	167	400	683	703	0.22			393	12	12	715	0	703	0	0	0	12				
8/14/2023	0.005	0.005	0.006	0.007	0.009	0.008	0.006	0.007	0.003	197	162	403	661	925	0			203	8	8	933	0	925	0	0	8	17.19	2356.1	7.3	
8/21/2023	0.006	0.006	0.007	0.008	0.007	0.006		0.005	247	204	488	817	182	0			394	0	0	182	0	182	0	0	0	0				
8/28/2023	0.006	0.006	0.006	0.007	0.007	0.007		0.004	251	205	494	759	677	0			395	80	80	756	0	677	0	0	80	16.07	2465.3	6.5		
9/5/2023	0.005	0.004	0.005	0.007	0.007	0.008		0.005	343	285	572	866	679	0			397	108	108	787	0	679	0	0	108					
9/11/2023	0.007	0.004	0.006	0.007	0.008	0.007	0.008	0.009	0.006	308	231	520	806	405	0			391	106	106	511	0	405	0	0	106	15.72	2375.8	6.6	
9/18/2023	0.005	0.006	0.006	0.007	0.008	0.007		0.005	337	261	593	862	38	38			396	83	83	158	0	38	38	0	83					
9/25/2023	0.006	0.005	0.006	0.007	0.008	0.008		0.006	494	363	781	1000	0	0			390	117	117	117	0	0	0	0	117	17.16	2754.6	6.2		
10/2/2023	0.006	0.004	0.005	0.008	0.007	0.007		0.006	603	409	854	1110	0	0			0	23	0	0	0	0	0	0	0	0				
10/9/2023	0.005	0.004	0.005	0.006	0.008	0.007	0.006	0.007	0.004	579	377	790	1080	105	135			260	151	151	392	0	105	135	0	151	17.23	3217.5	5.4	
10/16/2023	0.006	0.004	0.006	0.008	0.008	0.007		0.005	604	394	815	1120	32	29			265	130	130	191	0	32	29	0	130					
10/23/2023	0.006	0.004	0.005	0.007																										