

Taylor Slough and Coastal Basins Third Quarter 2021

[S332D-S332DX1-S328]+S328+G737+S18C
Total Phosphorus (TP) Compliance Tracking Data Report

Sampling Event Date	TP Concentration (mg/L)				Daily Mean Flow (cfs)						Sampling Events		
	S332D (S332DX)	S18C	G737	S328	S332D	S18C	G737	S332D - S332DX1 - S328	S332DX1	S328	Sampled Flow (cfs)	TP Loads (cfs*mg/L)	FWMC (ppb)
8/4/2020	0.006	0.004	0.003	0.003	500	333	51	345	0	155	884	4.02	4.5
8/11/2020	0.006	0.004	0.003	0.004	438	271	43	325	0	113	752	3.61	4.8
8/18/2020	0.005	0.004	0.003	0.003	444	310	59	378	0	66	812	3.50	4.3
8/25/2020	0.006	0.003	0.002	0.003	444	251	47	339	0	105	742	3.19	4.3
9/1/2020	0.006	0.004	0.004	0.003	444	265	47	323	0	121	756	3.55	4.7
9/9/2020	0.006	0.004	0.004	0.004	443	267	53	307	0	136	763	3.67	4.8
9/15/2020	0.006	0.004	0.004	0.004	567	390	44	419	0	148	1001	4.84	4.8
9/22/2020	0.006	0.004	0.003	0.003	510	199	50	349	0	161	759	3.52	4.6
9/29/2020	0.005	0.004	0.003	0.003	568	363	46	396	0	171	977	4.09	4.2
10/6/2020	0.005	0.004	0.003	0.003	560	283	44	458	0	103	887	3.86	4.4
10/13/2020	0.007	0.005	0.004	0.003	530	206	42	455	0	75	778	4.61	5.9
10/20/2020	0.006	0.004	0.004	0.004	559	292	48	498	0	60	898	4.59	5.1
10/27/2020	0.006	0.006	0.004	0.003	566	794	38	547	0	19	1398	8.25	5.9
11/3/2020	0.006	0.004	0.003	0.003	498	281	40	452	0	46	819	4.09	5.0
11/10/2020	0.006	0.013	0.004	0.002	557	1380	32	480	0	77	1969	21.10	10.7
11/17/2020	0.006	0.006	0.003	0.002	567	1130	33	471	0	96	1731	9.90	5.7
11/24/2020	0.005	0.006	0.005	0.004	537	765	38	424	0	114	1340	7.35	5.5
12/1/2020	0.005	0.007	0.005	0.003	569	534	40	442	0	127	1143	6.53	5.7
12/8/2020	0.006	0.005	0.005	0.003	565	499	37	447	0	117	1101	5.72	5.2
12/15/2020	0.006	0.004	0.005	0.004	568	267	32	525	0	43	867	4.55	5.2
12/22/2020	0.005	0.004	0.004	0.006	547	224	31	547	0	-	802	3.76	4.7
12/29/2020	0.006	0.004	0.004	0.003	532	226	35	478	0	54	793	4.07	5.1
1/5/2021	0.006	0.004	0.006	0.004	441	313	-	320	121	-	633	3.17	5.0
1/12/2021	0.007	0.004	0.006	0.004	442	179	0	274	123	44	498	2.82	5.7
1/19/2021	0.006	0.004	0.006	0.003	430	160	0	234	124	73	467	2.26	4.8
1/26/2021	0.008	0.005	0.005	0.004	439	169	-	295	128	16	480	3.27	6.8
2/2/2021	0.004	0.003	0.003	0.002	437	117	15	232	205	-	363	1.32	3.6
2/9/2021	0.006	0.004	0.004	0.003	568	188	31	137	337	94	450	1.98	4.4
2/16/2021	0.006	0.005	0.005	0.003	567	183	33	177	340	50	443	2.29	5.2
2/23/2021	0.006	0.005	0.004	0.003	569	201	36	131	342	95	464	2.22	4.8
3/2/2021	0.006	0.005	0.003	0.005	560	181	36	118	342	100	435	2.22	5.1
3/9/2021	0.006	0.005	0.004	0.006	249	137	0	-	313	0	137	0.69	5.0
3/16/2021	0.006	0.004	0.006	0.008	251	161	0	-	259	0	161	0.64	4.0
3/23/2021	0.006	0.004	0.004	0.008	93	49	0	24	69	0	73	0.34	4.7
3/30/2021	0.006	0.004	J	J	10	0	0	10	0	0	10	0.06	6.0
4/6/2021	0.005	0.004	J	J	249	0	0	249	0	0	249	1.25	5.0
4/13/2021	0.006	0.004	0.049	0.049	251	0	0	251	0	0	251	1.50	6.0
4/20/2021	0.006	0.004	0.070	0.070	250	171	0	250	0	0	421	2.18	5.2
4/27/2021	0.006	0.005	J	J	248	7	0	248	0	0	254	1.52	6.0
5/4/2021	0.005	0.004	J	J	251	0	0	251	0	0	251	1.25	5.0
5/11/2021	0.006	0.005	J	J	152	-	0	152	0	0	152	0.91	6.0
5/18/2021	0.007	0.006	J	J	123	-	0	123	0	0	123	0.86	7.0
5/25/2021	0.006	0.005	J	J	0	-	0	0	0	0	0	0.00	No flow
6/2/2021	0.007	0.006	J	J	0	0	0	0	0	0	0	0.00	No flow
6/8/2021	0.010	0.006	J	J	0	0	0	0	0	0	0	0.00	No flow
6/15/2021	0.006	0.006	0.013	J	0	-	0	0	0	0	0	0.00	No flow
6/22/2021	0.005	0.004	0.014	0.014	247	177	0	247	0	0	424	1.94	4.6
6/29/2021	0.006	0.004	J	J	124	126	0	124	0	0	250	1.25	5.0
7/6/2021	0.005	0.003	0.004	J	247	223	0	247	0	0	470	1.90	4.1
7/13/2021	0.006	0.004	J	J	193	160	0	193	0	0	353	1.80	5.1
7/20/2021	0.006	0.004	J	J	82	244	0	82	0	0	326	1.47	4.5
7/27/2021	0.005	0.003	J	J	200	235	0	200	0	0	435	1.70	3.9
8/3/2021	0.006	0.003	J	J	248	317	0	248	0	0	565	2.44	4.3
8/10/2021	0.006	0.005	0.014	J	248	216	0	248	0	0	464	2.57	5.5
8/17/2021	0.005	0.004	J	J	439	195	0	439	0	0	634	2.98	4.7
8/24/2021	0.006	0.004	0.010	J	249	62	0	249	0	0	311	1.74	5.6
8/31/2021	0.005	0.004	J	J	251	207	29	251	0	-	458	2.08	4.5
9/8/2021	0.005	0.004	0.004	0.003	366	297	71	366	0	-	734	3.30	4.5
9/14/2021	0.006	0.004	0.003	J	250	244	62	250	0	-	556	2.66	4.8
9/21/2021	0.006	0.004	0.003	0.004	389	269	75	389	0	6	733	3.63	4.9
9/28/2021	0.005	0.004	0.003	J	319	221	71	319	0	-	611	2.69	4.4
Period	Total Flow ¹				12-Month FWMC ²			12-Month Long-term Limit		Percent of Sampling Events Greater than 10 ppb			
	(kac-ft)				(ppb)			(ppb)		Observed (%)		Guideline (%)	
August 2020 - July 2021	430.1				5.4			11.0		2.1		53.1	
September 2020 - August 2021	410.1				5.5			11.0		2.0		53.1	
October 2020 - September 2021	399.5				5.6			11.0		2.1		53.1	

Blue shaded and **bolded** dates are the compliance sampling events and corresponding flow-weighted mean concentrations (FWMC).

Light green shaded cell indicates there was flow at the site on the sampling day.

Yellow shaded cell indicates that there was flow at the site but the water quality data was missing. The site was not visited because the records indicated the gates were closed at the time of the sampling trip planning.

"-" in flow data indicates the value was negative and zeroed out.

J: Sample was taken from an isolated pool and was not representative of the surrounding wetland.

Notes:

1. Total of flow at (S332D - S332DX1) + G737 + S18C.

2. All sampling events and flow data are used to calculate flow-weighted mean concentrations.