

# Taylor Slough and Coastal Basins First Quarter 2022

[S332D-S332DX1-S328]+S328+G737+S18C

Total Phosphorus (TP) Data Report

Sampling Event Date	TP Concentration (mg/L)				Daily Mean Flow (cfs)						Sampling Events TP FWMC		
	S332D (S332DX)	S18C	G737	S328	S332D	S18C	G737	S332D - S332DX1 - S328	S332DX1	S328	Sampled Flow (cfs)	Flow (cfs) * TP (mg/L)	Event FWMC (ppb)
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		0.008	93	49	0	24	69	0	73	0.34	4.7
3/30/2021	0.006	0.004		J	10	0	0	10	0	0	10	0.06	6.0
4/6/2021	0.005	0.004		J	249	0	0	249	0	0	249	1.25	5.0
4/13/2021	0.006	0.004		0.049	251	0	0	251	0	0	251	1.50	6.0
4/20/2021	0.006	0.004		0.070	250	171	0	250	0	0	421	2.18	5.2
4/27/2021	0.006	0.005		J	248	7	0	248	0	0	254	1.52	6.0
5/4/2021	0.005	0.004		J	251	0	0	251	0	0	251	1.25	5.0
5/11/2021	0.006	0.005		J	152	-	0	152	0	0	152	0.91	6.0
5/18/2021	0.007	0.006		J	123	-	0	123	0	0	123	0.86	7.0
5/25/2021	0.006	0.005		J	0	-	0	0	0	0	0	0.00	No flow
6/2/2021	0.007	0.006		J	0	0	0	0	0	0	0	0.00	No flow
6/8/2021	0.010	0.006		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	247	177	0	247	0	0	424	1.94	4.6
6/29/2021	0.006	0.004		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	193	160	0	193	0	0	353	1.80	5.1
7/20/2021	0.006	0.004			82	244	0	82	0	0	326	1.47	4.5
7/27/2021	0.005	0.003		J	200	235	0	200	0	0	435	1.70	3.9
8/3/2021	0.006	0.003			248	317	0	248	0	0	565	2.44	4.3
8/10/2021	0.006	0.005		0.014	248	216	0	248	0	0	464	2.57	5.5
8/17/2021	0.005	0.004			439	195	0	439	0	0	634	2.98	4.7
8/24/2021	0.006	0.004		0.010	249	62	0	249	0	0	311	1.74	5.6
8/31/2021	0.005	0.004	No flow		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		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		319	221	71	319	0	-	611	2.69	4.4
10/5/2021	0.005	0.003	0.003	0.004	317	212	55	317	0	-	584	2.39	4.1
10/12/2021	0.005	0.004	0.003		433	266	59	433	0	-	758	3.41	4.5
10/19/2021	0.005	0.003	0.003	0.003	397	139	55	397	0	-	591	2.57	4.3
10/26/2021	0.005	0.004	0.004		435	209	52	435	0	-	696	3.22	4.6
11/2/2021	0.005	0.004	0.004	0.004	366	206	53	366	0	-	625	2.87	4.6
11/9/2021	0.005	0.003	0.003		443	234	55	352	0	91	641	2.63	4.1
11/16/2021	0.006	0.004	0.004	0.003	420	166	52	299	0	121	638	3.03	4.7
11/23/2021	G	G	G		413	272	51	312	0.03	101	0	0.00	No flow
11/30/2021	0.006	0.004	Too shallow	0.003	277	167	45	220	0	57	444	2.16	4.9
12/7/2021	0.006	0.003	Too shallow		318	172	32	252	0	67	424	2.03	4.8
12/14/2021	0.006	0.004	Too shallow	0.002	315	82	24	229	0	86	397	1.87	4.7
12/21/2021	0.006	0.006	Too shallow		423	146	22	423	0	-	569	3.42	6.0
12/28/2021	0.006	0.004	No record flow	0.004	444	131	16	438	0	6	575	3.18	5.5
1/4/2022	0.005	0.003	Too shallow		318	40	18	318	0	-	358	1.71	4.8
1/11/2022	0.007	0.005	Too shallow	0.002	317	136	23	289	0	28	453	2.76	6.1
1/18/2022	0.005	0.004	Too shallow		320	65	21	269	0	50	334	1.61	4.8
1/25/2022	0.006	0.004	Too shallow	0.002	434	163	41	291	143	1	455	2.40	5.3
2/1/2022	0.005	0.003	Too shallow		378	84	30	218	141	19	302	1.34	4.4
2/8/2022	0.005	0.004	0.003	0.003	250	67	21	129	0	121	338	1.34	4.0
2/15/2022	0.007	0.004	0.003	0	0	138	0	0	0	0	138	0.55	4.0
2/22/2022	0.011	0.004	0.004	0.009	0	94	19	0	0	0	113	0.45	4.0
3/1/2022		0.004	0.006		0	42	5	0	0	0	48	0.20	4.2
3/8/2022		0.005			0	0	0	0	0	0	0	0.00	No flow
3/15/2022		0.004			0	0	0	0	0	0	0	0.00	No flow
3/23/2022	0.006	0.005		0.012	249	104	0	249	0	0	354	2.02	5.7
3/29/2022	0.005	0.004			148	70	0	148	0	0	218	1.02	4.7

Period	Total Flow <sup>1</sup>	12-Month FWMC <sup>2</sup>	12-Month Long-term Limit	Percent of Sampling Events Greater than 10 ppb	
	(kac-ft)	(ppb)	(ppb)	Observed (%)	Guideline (%)
February 1, 2021 to January 31, 2022	297.7	4.8	11.0	0.0	53.1
March 1, 2021 to February 28, 2022	285.7	4.8	11.0	0.0	53.1
April 1, 2021 to March 31, 2022	286.3	4.8	11.0	0.0	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.

No record flow: The site was not visited because the records indicated the gates were closed at the time of the sampling trip planning.

Too shallow: Water sample was not taken because total depth was less than 0.1 meters.

"-" 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.

G: Analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value.

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.