

Taylor Slough and Coastal Basins First Quarter 2021

[S332D-S332DX1-S328]+S328+G737+S18C Total Phosphorus (TP) 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)
2/4/2020	0.007	0.005	0.005	0.007	251	130	10	251	0	0	391	2.46	6.3
2/11/2020	0.006	0.003	0.003	J	250	135	10	250	0	0	395	1.93	4.9
2/18/2020	0.006	0.003	0.004	Y	249	140	10	249	0	0	398	1.95	4.9
2/25/2020	0.007	0.002	0.002	0.007	240	0	10	240	0	0	250	1.70	6.8
3/3/2020	0.006	0.003	0.003	0.010	167	0	12	167	0	0	180	1.04	5.8
3/10/2020	0.006	0.005	0.004	0.014	121	0	-	121	0	0	121	0.73	6.0
3/17/2020	0.005	0.004		J	0	67	0	0	0	0	67	0.27	4.0
3/24/2020	0.012	0.004		0.046	0	56	0	0	0	0	56	0.23	4.0
3/31/2020	0.009	0.004		0.030	0	0	0	0	0	0	0	0.00	No Flow
4/7/2020	0.011	0.005			0	0	0	0	0	0	0	0.00	No Flow
4/14/2020	0.014	0.007			0	0	0	0	-	0	0	0.00	No Flow
4/21/2020	0.013	0.008			0	12	0	0	0	0	12	0.09	8.0
4/28/2020	0.008	0.007			0	0	0	0	0	M	0	0.00	No Flow
5/5/2020	0.015	0.008			0	0	0	0	0	M	0	0.00	No Flow
5/12/2020	0.014	0.010			0	0	0	0	0	M	0	0.00	No Flow
5/19/2020	0.012	0.007			0	50	0	0	M	M	50	0.35	7.0
5/26/2020	0.009	0.013	0.019	0.019	553	1312	0	238	314	0	1550	19.20	12.4
6/2/2020	0.006	0.004		0.012	252	275	0	252	0	0	527	2.61	5.0
6/9/2020	0.006	0.005		0.011	237	323	0	237	0	0	560	3.04	5.4
6/16/2020	0.005	0.003		0.008	250	272	0	250	0	0	522	2.07	4.0
6/23/2020	0.005	0.004		0.012	249	359	0	249	0	0	608	2.68	4.4
6/30/2020	0.005	0.004		0.007	125	295	0	125	0	0	420	1.81	4.3
7/7/2020	0.005	0.006	0.005	0.008	150	224	66	150	0	0	440	2.42	5.5
7/14/2020	0.006			0.010	251	260	56	251	0	0	251	1.50	6.0
7/16/2020		0.008	0.004		251	226	63	251	0	0	289	2.06	7.1
7/21/2020	0.005	0.004	0.004	0.004	561	298	73	342	0	220	932	4.07	4.4
7/28/2020	0.006	0.004	0.003	0.003	560	316	62	372	0	188	939	4.25	4.5
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		0.008	93	49	0	24	69	0	73	0.34	4.7
3/30/2021	0.006	0.004		0.044	10	0	0	10	0	0	10	0.06	6.0

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)	Guideline	Observed
February 1, 2020 - January 31, 2021	460.4	5.8	11.0	53.1%	4.3%
March 1, 2020 - February 28, 2021	463.6	5.7	11.0	53.1%	4.3%
April 1, 2020 - March 31, 2021	466.4	5.7	11.0	53.1%	4.2%

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.

"-" in flow data indicates the value was negative and zeroed out. "M" indicates the daily mean flow datum was not available.

Y: Analysis performed on un/improperly preserved sample.

J: The sample was collected from a disconnected pool and was not representative of the surrounding water body. The surrounding area was dry.

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.