

# Taylor Slough and Coastal Basins Third Quarter 2020

## Method 3: [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 <sup>2</sup>	S332D - S332DX1 - S328	S332DX1	S328	Sampled Flow (cfs)	TP Loads (cfs*mg/L)	FWMC (ppb)
8/6/2019	0.007	0.004	0.004	0.004	366	247	67	271	0	94	680.06	3.53	5.2
8/13/2019	0.006	0.004	0.003	0.003	369	345	56	263	0	105	770.03	3.45	4.5
8/20/2019	0.006	0.002	0.003	0.003	435	404	48	320	0	115	886.30	3.21	3.6
8/27/2019	0.007	0.004	0.004	0.004	341	266	40	217	0	123	646.75	3.24	5.0
9/4/2019	0.006	0.003	0.003	0.003	372	304	42	248	0	124	717.69	2.90	4.0
9/10/2019	0.006	0.003	0.004	0.003	247	179	43	121	0	126	469.20	1.81	3.9
9/17/2019	0.007	0.003	0.004	0.004	248	217	44	113	0	135	509.71	2.16	4.2
9/24/2019	0.006	0.003	0.003	0.003	247	M	45	103	0	144	292.43	1.19	4.1
10/1/2019	0.006	0.002	0.004	0.005	245	M	33	71	0	173	277.25	1.42	5.1
10/8/2019	0.006	0.003	0.004	0.004	291	232	27	115	0	175	549.35	2.20	4.0
10/15/2019	0.005	0.004	0.002	0.003	249	235	41	142	0	107	524.46	2.05	3.9
10/22/2019	0.005	0.003	0.004	0.004	248	266	34	248	0	-	547.32	2.17	4.0
10/29/2019	0.006	0.005	0.003	0.004	251	227	28	251	0	-	506.53	2.73	5.4
11/5/2019	0.006	0.003	0.004	0.005	250	177	11	169	0.024	81	437.72	1.99	4.6
11/12/2019	0.005	0.004	0.004	0.005	251	168	-	134	0	116	418.52	1.92	4.6
11/19/2019	0.006	0.003	0.003	0.005	251	146	22	112	0	139	419.28	1.87	4.5
11/26/2019	0.006	0.004	0.004	0.005	210	130	-	69	0	140	339.68	1.64	4.8
12/3/2019	0.005	0.003	0.004	0.010	193	89	0.004	193	0	0	281.58	1.23	4.4
12/10/2019	0.005	0.003	0.004	0.010	251	73	0	251	0	0	323.98	1.47	4.6
12/17/2019	0.007	0.004	0.003	0.009	249	115	0	249	0	0	363.61	2.20	6.1
12/26/2019	0.005	0.004	0.003	0.005	250	188	30	250	0	0	468.40	2.09	4.5
1/2/2020	0.006	J <sup>2</sup>	0.004	0.006	250	205	33	250	0	0	282.80	1.63	5.8
1/7/2020	0.004	0.005	0.004	0.005	251	156	25	251	0	0	431.16	1.88	4.4
1/14/2020	0.006	0.003	0.004	0.007	245	160	-	245	0	0	404.97	1.95	4.8
1/21/2020	0.007	0.004	0.004	0.007	259	72	4	259	0	0	334.23	2.11	6.3
1/28/2020	0.008	0.005	0.003	0.008	304	0	10	304	0	0	313.52	2.46	7.8
2/4/2020	0.007	0.005	0.005	0.007	251	130	10	251	0	0	390.79	2.46	6.3
2/11/2020	0.006	0.003	0.003	J <sup>1</sup>	250	135	10	250	0	0	394.51	1.93	4.9
2/18/2020	0.006	0.003	0.004	Y	249	140	10	249	0	0	398.40	1.95	4.9
2/25/2020	0.007	0.002	0.002	0.007	240	0	10	240	0	0	250.31	1.70	6.8
3/3/2020	0.006	0.003	0.003	0.010	167	0	12	167	0	0	179.53	1.04	5.8
3/10/2020	0.006	0.005	0.004	0.014	121	0	-	121	0	0	121.05	0.73	6.0
3/17/2020	0.005	0.004		J <sup>1</sup>	0	67	0	0	0	0	67.10	0.27	4.0
3/24/2020	0.012	0.004		0.046	0	56	0	0	0	0	56.40	0.23	4.0
3/31/2020	0.009	0.004		0.030	0	0	0	0	0	0	0.00	0.00	No Flow
4/7/2020	0.011	0.005			0	0	0	0	0	0	0.00	0.00	No Flow
4/14/2020	0.014	0.007			0	0	0	0	-	0	0.00	0.00	No Flow
4/21/2020	0.013	0.008			0	12	0	0	0	0	11.70	0.09	8.0
4/28/2020	0.008	0.007			0	0	0	0	0	M	0.00	0.00	No Flow
5/5/2020	0.015	0.008			0	0	0	0	0	M	0.00	0.00	No Flow
5/12/2020	0.014	0.010			0	0	0	0	0	M	0.00	0.00	No Flow
5/19/2020	0.012	0.007			0	50	0	0	M	M	49.50	0.35	7.0
5/26/2020	0.009	0.013	0.019	0.019	553	1312	0	238	314	0	1,550.04	19.20	12.4
6/2/2020	0.006	0.004		0.012	252	275	0	252	0	0	526.91	2.61	5.0
6/9/2020	0.006	0.005		0.011	237	323	0	237	0	0	560.17	3.04	5.4
6/16/2020	0.005	0.003		0.008	250	272	0	250	0	0	522.36	2.07	4.0
6/23/2020	0.005	0.004		0.012	249	359	0	249	0	0	607.92	2.68	4.4
6/30/2020	0.005	0.004		0.007	125	295	0	125	0	0	420.35	1.81	4.3
7/7/2020	0.005	0.006	0.005	0.008	150	224	66	150	0	0	440.04	2.42	5.5
7/14/2020	0.006			0.010	251	260	56	251	0	0	250.53	1.50	6.0
7/16/2020		0.008	0.004		251	226	63	251	0	0	289.30	2.06	7.1
7/21/2020	0.005	0.004	0.004	0.004	561	298	73	342	0	220	932.04	4.07	4.4
7/28/2020	0.006	0.004	0.003	0.003	560	316	62	372	0	188	938.52	4.25	4.5
8/4/2020	0.006	0.004	0.003	0.003	500	333	51	345	0	155	883.65	4.02	4.5
8/11/2020	0.006	0.004	0.003	0.004	438	271	43	325	0	113	751.68	3.61	4.8
8/18/2020	0.005	0.004	0.003	0.003	444	310	59	378	0	66	812.50	3.50	4.3
8/25/2020	0.006	0.003	0.002	0.003	444	251	47	339	0	105	741.53	3.19	4.3
9/1/2020	0.006	0.004	0.004	0.003	444	265	47	323	0	121	756.22	3.55	4.7
9/9/2020	0.006	0.004	0.004	0.004	443	267	53	307	0	136	762.93	3.67	4.8
9/15/2020	0.006	0.004	0.004	0.004	567	390	44	419	0	148	978.11	4.71	4.8
9/22/2020	0.006	0.004	0.003	0.003	510	199	50	349	0	161	867.08	4.17	4.8
9/29/2020	0.005	0.004	0.003	0.003	568	363	46	396	0	171	1,034.94	4.38	4.2
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)		Guideline		Observed	
August 1, 2019 - July 31, 2020	291.6				5.3			11.0		53.1%		2.1%	
September 1, 2019 - August 31, 2020	297.5				5.3			11.0		53.1%		2.1%	
October 1, 2019 -September 30, 2020	318.5				5.3			11.0		53.1%		2.1%	

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.

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

Notes:

Y: Analysis performed on un/improperly preserved sample.

J<sup>1</sup>: The sample was collected from a disconnected pool and was not representative of the surrounding water body. The surrounding area was dry.

J<sup>2</sup>: Precision or accuracy criteria not met.

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

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