

Taylor Slough and Coastal Basins Data Tracking

Alternative Method 1: S332D + S18C

Total Phosphorus (TP) Tracking Provisional Data Report

Sampling Event Date	TP Concentration (mg/L)		Daily Mean Flow (cfs)		Sampling Events		
	S332DX	S18C	S332D	S18C	Sampled Flow (cfs)	Total Loads (cfs*mg/L)	FWMC (ppb)
10/3/2016	0.005		518	421	518	2.59	5.0
10/4/2016		0.004	557	360	360	1.44	4.0
10/10/2016	0.005		495	249	495	2.47	5.0
10/11/2016		0.003	483	206	206	0.62	3.0
10/17/2016	0.005		452	220	452	2.26	5.0
10/18/2016		0.003	440	231	231	0.69	3.0
10/24/2016	0.005		429	213	429	2.15	5.0
10/25/2016		0.003	433	158	158	0.47	3.0
10/31/2016	0.005		485	290	485	2.42	5.0
11/1/2016		0.004	484	291	291	1.16	4.0
11/7/2016	0.007		500	250	500	3.50	7.0
11/8/2016		0.003	496	261	261	0.78	3.0
11/14/2016	0.005		533	235	533	2.66	5.0
11/15/2016		0.005	488	204	204	1.02	5.0
11/21/2016	0.005		490	214	490	2.45	5.0
11/22/2016		0.002	472	191	191	0.38	2.0
11/28/2016	0.005		429	201	429	2.14	5.0
11/29/2016		0.004	384	204	204	0.82	4.0
12/5/2016	0.006		167	273	167	1.00	6.0
12/6/2016		0.004	191	225	225	0.90	4.0
12/12/2016	0.006		173	271	173	1.04	6.0
12/13/2016		0.004	191	235	235	0.94	4.0
12/19/2016	0.005		186	225	186	0.93	5.0
12/20/2016		0.004	181	189	189	0.76	4.0
12/27/2016	0.005		124	180	124	0.62	5.0
12/28/2016		0.004	118	167	167	0.67	4.0
1/3/2017	0.005		124	140	124	0.62	5.0
1/4/2017		0.004	140	181	181	0.72	4.0
1/9/2017	0.004		66	148	66	0.26	4.0
1/10/2017		0.004	67	146	146	0.58	4.0
1/17/2017	0.006		65	127	65	0.39	6.0
1/18/2017		0.004	68	105	105	0.42	4.0
1/23/2017	0.008		67	70	67	0.54	8.0
1/24/2017		0.004	69	53	53	0.21	4.0
1/30/2017	0.006		62	57	62	0.37	6.0
1/31/2017		0.004	68	77	77	0.31	4.0
2/6/2017	0.006		135	57	135	0.81	6.0
2/7/2017		0.006	140	70	70	0.42	6.0
2/13/2017	0.006		134	38	134	0.81	6.0
2/14/2017		0.004	139	39	39	0.16	4.0
2/20/2017	0.006		118	53.9	118	0.71	6.0
2/21/2017		0.004	102	63.5	64	0.25	4.0
2/27/2017	0.004		91	92.7	91	0.36	4.0
2/28/2017		0.004	101	57.6	58	0.23	4.0
3/6/2017	0.007		86	34	86	0.60	7.0
3/7/2017		0.005	67	63.2	63	0.32	5.0
3/13/2017	0.008		19	82.7	19	0.15	8.0
3/14/2017		0.005	37	37.5	38	0.19	5.0
3/20/2017	0.006		0	17.8	0	0.00	
3/21/2017		0.006	0	34.1	34	0.20	6.0
3/27/2017	0.006		0	45.3	0	0.00	
3/28/2017		0.009	0	46.4	46	0.42	9.0
4/3/2017	0.006		0	26.1	0	0.00	
4/4/2017		0.005	0	68.1	68	0.34	5.0
4/10/2017	0.010		0	23.7	0	0.00	
4/11/2017		G ³	0	27.2	0	Not Available	Incomplete data
4/17/2017	0.009		0	57.1	0	0.00	
4/18/2017		0.008	0	44	44	0.35	8.0
4/24/2017	0.008		44	108	44	0.35	8.0
4/25/2017		0.010	0	63.3	63	0.63	10.0
5/1/2017	0.006		0	40	0	0.00	
5/2/2017		0.006	0	58.2	58	0.35	6.0
5/8/2017	0.008		0	39.1	0	0.00	
5/9/2017		0.006	0	(-1.24)	0		
5/15/2017	0.020		0	46.1	0	0.00	
5/16/2017		0.005	0	29.3	29	0.15	5.0
5/22/2017	0.007		0	78.6	0	0.00	
5/23/2017		G ³	0	27.6	0	Not Available	Incomplete data
5/30/2017	0.008		0	55.7	0	0.00	
5/31/2017		0.007	2	48.7	49	0.34	7.0
6/6/2017	0.008	0.008	0	(-3.73)	0		
6/13/2017	0.005	0.004	430	352	782	3.56	4.6
6/20/2017	0.007	0.004	307	762	1,069	5.19	4.9
6/27/2017	0.009	0.007	246	516	762	5.82	7.6
Period	Total Flow ¹		12-Month Long-term Limit	12-Month FWMC ²	Percent of Sampling Events Greater than 10 ppb		
	acre-feet		(ppb)	(ppb)	Observed	Guideline	
October 2016 - June 2017		186,087	11.0	5.0	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.

Notes:

1. Total of flow at S332D + S18C.

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

3. G qualified. 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.

Taylor Slough and Coastal Basins Data Tracking

Alternative **Method 2**: S332D + G737 + S18C

Total Phosphorus (TP) Tracking Provisional Data Report

Sampling Event Date	TP Concentration (mg/L)			Daily Mean Flow (cfs)			Sampling Events		
	S332D (S332DX)	G737	S18C	S332D	G737 ²	S18C	Sampled Flow (cfs)	TP Loads (cfs*mg/L)	FWMC (ppb)
10/3/2016	0.005			518		421	518	2.59	5.0
10/4/2016			0.004	557		360	360	1.44	4.0
10/10/2016	0.005			495		249	495	2.47	5.0
10/11/2016			0.003	483		206	206	0.62	3.0
10/17/2016	0.005			452		220	452	2.26	5.0
10/18/2016			0.003	440		231	231	0.69	3.0
10/24/2016	0.005			429		213	429	2.15	5.0
10/25/2016			0.003	433		158	158	0.47	3.0
10/31/2016	0.005			485		290	485	2.42	5.0
11/1/2016			0.004	484		291	291	1.16	4.0
11/7/2016	0.007			500		250	500	3.50	7.0
11/8/2016			0.003	496		261	261	0.78	3.0
11/14/2016	0.005			533		235	533	2.66	5.0
11/15/2016			0.005	488		204	204	1.02	5.0
11/21/2016	0.005			490		214	490	2.45	5.0
11/22/2016			0.002	472		191	191	0.38	2.0
11/28/2016	0.005			429		201	429	2.14	5.0
11/29/2016			0.004	384		204	204	0.82	4.0
12/5/2016	0.006			167		273	167	1.00	6.0
12/6/2016			0.004	191		225	225	0.90	4.0
12/12/2016	0.006			173		271	173	1.04	6.0
12/13/2016			0.004	191		235	235	0.94	4.0
12/19/2016	0.005			186		225	186	0.93	5.0
12/20/2016			0.004	181		189	189	0.76	4.0
12/27/2016	0.005			124		180	124	0.62	5.0
12/28/2016			0.004	118		167	167	0.67	4.0
1/3/2017	0.005			124		140	124	0.62	5.0
1/4/2017			0.004	140		181	140	0.72	4.0
1/9/2017	0.004			66		148	66	0.26	4.0
1/10/2017			0.004	67		146	146	0.58	4.0
1/17/2017	0.006			65		127	65	0.39	6.0
1/18/2017			0.004	68		105	105	0.42	4.0
1/23/2017	0.008			67		70	67	0.54	8.0
1/24/2017			0.004	69		53	53	0.21	4.0
1/30/2017	0.006			62		57	62	0.37	6.0
1/31/2017			0.004	68		77	68	0.31	4.0
2/6/2017	0.006			135		57	135	0.81	6.0
2/7/2017			0.006	140		70	140	0.42	6.0
2/13/2017	0.006			134		38	134	0.81	6.0
2/14/2017			0.004	139		39	139	0.16	4.0
2/20/2017	0.006			118		53.9	118	0.71	6.0
2/21/2017			0.004	102		63.5	102	0.25	4.0
2/27/2017	0.004			91		92.7	91	0.36	4.0
2/28/2017			0.004	101		57.6	101	0.23	4.0
3/6/2017	0.007			86		34	86	0.60	7.0
3/7/2017			0.005	67		63.2	67	0.32	5.0
3/13/2017	0.008			19		82.7	19	0.15	8.0
3/14/2017			0.005	37		37.5	37	0.19	5.0
3/20/2017	0.006			0		17.8	0	0.00	
3/21/2017			0.006	0		34.1	0	0.20	6.0
3/27/2017	0.006			0		45.3	0	0.00	
3/28/2017			0.009	0		46.4	0	0.42	9.0
4/3/2017	0.006			0		26.1	0	0.00	
4/4/2017			0.005	0		68.1	0	0.34	5.0
4/10/2017	0.010			0		23.7	0	0.00	
4/11/2017			G ³	0		27.2	0	Not Available	Incomplete data
4/17/2017	0.009			0		57.1	0	0.00	
4/18/2017			0.008	0		44	0	0.35	8.0
4/24/2017	0.008			44		108	44	0.35	8.0
4/25/2017			0.010	0		63.3	0	0.63	10.0
5/1/2017	0.006			0		40	0	0.00	
5/2/2017			0.006	0		58.2	0	0.35	6.0
5/8/2017	0.008			0		39.1	0	0.00	
5/9/2017			0.006	0		(-1.24)	0		
5/15/2017	0.020			0		46.1	0	0.00	
5/16/2017			0.005	0		29.3	0	0.15	5.0
5/22/2017	0.007			0		78.6	0	0.00	
5/23/2017		0.097	G ³	0		27.6	0	Not Available	Incomplete data
5/30/2017	0.008			0		55.7	0	0.00	
5/31/2017		0.016	0.007	2		48.7	0	0.34	7.0
6/6/2017	0.008	0.021	0.008	0		(-3.73)	0		
6/13/2017	0.005	0.016	0.004	430		352	782	3.56	4.6
6/20/2017	0.007	0.014	0.004	307		762	1,069	5.19	4.9
6/27/2017	0.009	0.013	0.007	246		516	762	5.82	7.6
Period	Total Flow ¹			12-Month Long-term Limit		12-Month FWMC ²		Percent of Sampling Events Greater than 10 ppb	
	acre-feet			(ppb)		(ppb)		Observed	Guideline
October 2016 - September 2017			186,087		11.0		5.0		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.

Notes:

- Total of flow at S332D + G737 + S18C.
- No flow for this period at G737.
- G qualified. 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.

Taylor Slough and Coastal Basins Data Tracking

Alternative Method 3: [S332D-S332DX1-S328] + S328 + G737 + S18C

Total Phosphorus (TP) Tracking Provisional Data Report

Sampling Event Date	TP Concentration (mg/L)				Daily MeaJ Flow (cfs)						Sampling Events		
	S332D (S332DX)	S328	G737	S18C	S332D - S332DX1 - S328	S328 ²	G737 ²	S18C	S332D	S332DX1	Sampled Flow (cfs)	TP Loads (cfs*mg/L)	FWMC (ppb)
10/3/2016	0.005				518			421	518	0	518	2.59	5.0
10/4/2016				0.004	557			360	557	0	360	1.44	4.0
10/10/2016	0.005				495			249	495	0	495	2.47	5.0
10/11/2016				0.003	483			206	483	0	206	0.62	3.0
10/17/2016	0.005				452			220	452	0	452	2.26	5.0
10/18/2016				0.003	440			231	440	0	231	0.69	3.0
10/24/2016	0.005				429			213	429	0	429	2.15	5.0
10/25/2016				0.003	433			158	433	0	158	0.47	3.0
10/31/2016	0.005				485			290	485	0	485	2.42	5.0
11/1/2016				0.004	484			291	484	0	291	1.16	4.0
11/7/2016	0.007				500			250	500	0	500	3.50	7.0
11/8/2016				0.003	496			261	496	0	261	0.78	3.0
11/14/2016	0.005				533			235	533	0	533	2.66	5.0
11/15/2016				0.005	488			204	488	0	204	1.02	5.0
11/21/2016	0.005				490			214	490	0	490	2.45	5.0
11/22/2016				0.002	472			191	472	0	191	0.38	2.0
11/28/2016	0.005				429			201	429	0	429	2.14	5.0
11/29/2016				0.004	384			204	384	0	204	0.82	4.0
12/5/2016	0.006				167			273	167	0	167	1.00	6.0
12/6/2016				0.004	191			225	191	0	225	0.90	4.0
12/12/2016	0.006				173			271	173	0	173	1.04	6.0
12/13/2016				0.004	191			235	191	0	235	0.94	4.0
12/19/2016	0.005				186			225	186	0	186	0.93	5.0
12/20/2016				0.004	181			189	181	0	189	0.76	4.0
12/27/2016	0.005				124			180	124	0	124	0.62	5.0
12/28/2016				0.004	118			167	118	0	167	0.67	4.0
1/3/2017	0.005				124			140	124	0	124	0.62	5.0
1/4/2017				0.004	140			181	140	0	181	0.72	4.0
1/9/2017	0.004				66			148	66	0.01	65.55	0.26	4.0
1/10/2017				0.004	67			146	67	0	146	0.58	4.0
1/17/2017	0.006				65			127	65	0	65	0.39	6.0
1/18/2017				0.004	68			105	68	0	105	0.42	4.0
1/23/2017	0.008				67			70	67	0	67	0.54	8.0
1/24/2017				0.004	69			53	69	0	53	0.21	4.0
1/30/2017	0.006				62			57	62	0	62	0.37	6.0
1/31/2017				0.004	68			77	68	0	77	0.31	4.0
2/6/2017	0.006				135			57	135	0	135	0.81	6.0
2/7/2017				0.006	140			70	140	0	70	0.42	6.0
2/13/2017	0.006				134			38	134	0	134	0.81	6.0
2/14/2017				0.004	139			39	139	0	39	0.16	4.0
2/20/2017	0.006				118			53.9	118	0	118	0.71	6.0
2/21/2017				0.004	102			63.5	102	0	64	0.25	4.0
2/27/2017	0.004				91			92.7	91	0	91	0.36	4.0
2/28/2017				0.004	101			57.6	101	0	58	0.23	4.0
3/6/2017	0.007				86			34	86	0	86	0.60	7.0
3/7/2017				0.005	67			63.2	67	0	63	0.32	5.0
3/13/2017	0.008				19			82.7	19	0	19	0.15	8.0
3/14/2017				0.005	37			37.5	37	0	38	0.19	5.0
3/20/2017	0.006				0			17.8	0	0	0	0.00	
3/21/2017				0.006	0			34.1	0	0	34	0.20	6.0
3/27/2017	0.006				0			45.3	0	0	0	0.00	
3/28/2017				0.009	0			46.4	0	0	46	0.42	9.0
4/3/2017	0.006				0			26.1	0	0	0	0.00	
4/4/2017				0.005	0			68.1	0	0	68	0.34	5.0
4/10/2017	0.010				0			23.7	0	0	0	0.00	
4/11/2017				G ³	0			27.2	0	0	0	Not Available	Incomplete data
4/17/2017	0.009				0			57.1	0	0	0	0.00	
4/18/2017				0.008	0			44	0	0	44	0.35	8.0
4/24/2017	0.008				44			108	44	0	44	0.35	8.0
4/25/2017				0.010	0			63.3	0	0	63	0.63	10.0
5/1/2017	0.006				0			40	0	0	0	0.00	
5/2/2017				0.006	0			58.2	0	0	58	0.35	6.0
5/8/2017	0.008				0			39.1	0	0	0	0.00	
5/9/2017				0.006	0			(-1.24)	0	0	0		
5/15/2017	0.020				0			46.1	0	0	0	0.00	
5/16/2017				0.005	0			29.3	0	0	29	0.15	5.0
5/22/2017	0.007				0			78.6	0	0	0	0.00	
5/23/2017		0.962	0.097	G ³	0			27.6	0	0	0	Not Available	Incomplete data
5/30/2017	0.008				0			55.7	0	0	0	0.00	
5/31/2017		0.465	0.016	0.007	2			48.7	2	0	49	0.34	7.0
6/6/2017	0.008	0.320	0.021	0.008	0			(-3.73)	0	0	0		
6/13/2017	0.005	0.044	0.016	0.004	179			352	430	251.132	531	2.30	4.3
6/20/2017	0.007	0.013	0.014	0.004	206			762	307	100.144	968	4.49	4.6
6/27/2017	0.009	0.023	0.013	0.007	246			516	246	0	762	5.82	7.6

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.

Notes:

- Total of flow at (S332D - S332DX1 - S328) + S328 + G737 + S18C. (TP concentration at S332D applied to S332D - S332DX1 - S328.)
- No flow for this period at S328 and G737.
- G qualified. 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.

Period	Total Flow ¹	12-Month FWMC ²	12-Month Long-term Limit	Percent of Sampling Events Greater than 10 ppb	
	acre-feet	(ppb)	(ppb)	Observed	Guideline
October 1, 2016 - June 30, 2017	192,513	5.0	11.0	0.0%	53.1%