

Taylor Slough and Coastal Basins Data Tracking

Fourth Quarter 2017 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)
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	0	0	0.00	
2/13/2017	0.006		134	0	134	0.81	6.0
2/14/2017		0.004	139	0	0	0.00	
2/20/2017	0.006		118	0	118	0.71	6.0
2/21/2017		0.004	102	0	0	0.00	
2/27/2017	0.004		91	92.7	91	0.36	4.0
2/28/2017		0.004	101	0	0	0.00	
3/6/2017	0.007		86	0	86	0.60	7.0
3/7/2017		0.005	67	0	0	0.00	
3/13/2017	0.008		19	0	19	0.15	8.0
3/14/2017		0.005	37	37.5	38	0.19	5.0
3/20/2017	0.006		0	0	0	0.00	
3/21/2017		0.006	0	0	0	0.00	
3/27/2017	0.006		0	0	0	0.00	
3/28/2017		0.009	0	0	0	0.00	
4/3/2017	0.006		0	0	0	0.00	
4/4/2017		0.005	0	0	0	0.00	
4/10/2017	0.010		0	0	0	0.00	
4/11/2017		G ³	0	0	0	0.00	
4/17/2017	0.009		0	0	0	0.00	
4/18/2017		0.008	0	0	0	0.00	
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	0	0	0.00	
5/2/2017		0.006	0	0	0	0.00	
5/8/2017	0.008		0	0	0	0.00	
5/9/2017		0.006	0	0	0	0.00	
5/15/2017	0.020		0	0	0	0.00	
5/16/2017		0.005	0	0	0	0.00	
5/22/2017	0.007		0	78.6	0	0.00	
5/23/2017		G ³	0	0	0	0.00	
5/30/2017	0.008		0	0	0	0.00	
5/31/2017		0.007	2	0	0	0.00	
6/6/2017	0.008		0	0	0	0.00	
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
7/5/2017	0.008	0.007	270	381	651	4.83	7.4
7/11/2017	0.008	0.006	278	426	704	4.78	6.8
7/18/2017	0.007	0.005	243	716	959	5.28	5.5
7/25/2017	0.006	0.004	246	669	915	4.15	4.5
8/1/2017	0.007	0.005	274	658	932	5.21	5.6
8/8/2017	0.007	0.004	279	495	774	3.94	5.1
8/15/2017	0.006	0.006	121	630	751	4.51	6.0
8/22/2017	0.008	0.006	157	763	920	5.83	6.3
8/29/2017	0.006	0.006	247	805	1,052	6.31	6.0
9/5/2017	0.007	0.006	275	610	885	5.58	6.3
9/14/2017	0.007	0.011	496	1860	2,356	23.93	10.2
9/19/2017	0.006	0.006	561	862	1,423	8.54	6.0
9/26/2017	0.008	0.006	539	978	1,517	10.18	6.7
10/3/2017	0.006	0.005	554	830	1,384	7.47	5.4
10/10/2017	0.006	0.005	171	1130	1,301	6.67	5.1
10/17/2017	0.007	0.005	348	805	1,153	6.46	5.6
10/24/2017	0.006	G ³	478	674	478	2.87	6.0
10/31/2017	0.005	0.004	0	759	759	3.04	4.0
11/7/2017	0.006	0.006	0	639	639	3.83	6.0
11/14/2017	0.006	0.006	0	651	651	3.91	6.0
11/21/2017	0.006		562	386	562	3.37	6.0
11/22/2017		0.004	554	347	347	1.39	4.0
11/28/2017	0.007	0.005	0	588	588	2.94	5.0
12/5/2017	0.007	0.005	274	388	662	3.86	5.8
12/12/2017	0.008	0.006	414	551	965	6.62	6.9
12/19/2017	0.005	0.005	442	327	769	3.85	5.0
12/26/2017	0.006	0.004	407	278	685	3.55	5.2

Period	Total Flow ¹	12-Month Long-term Limit	12-Month FWMC ²	Percent of Sampling Events Greater than 10 ppb	
	(kac-ft)	(ppb)	(ppb)	Guideline	Observed
November 1, 2016-October 31, 2017	413.4	11.0	5.9	53.1%	1.8%
December 1, 2016-November 30, 2017	414.5	11.0	6.0	53.1%	1.9%
January 1, 2017-December 31, 2017	441.4	11.0	6.1	53.1%	2.0%

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

Fourth Quarter 2017 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)	S18C	G737	S332D	S18C	G737 ²	Sampled Flow (cfs)	TP Loads (cfs*mg/L)	FWMC (ppb)
11/1/2016		0.004		484	291	0	291	1.16	4.0
11/7/2016	0.007			500	250	0	500	3.50	7.0
11/8/2016		0.003		496	261	0	261	0.78	3.0
11/14/2016	0.005			533	235	0	533	2.66	5.0
11/15/2016		0.005		488	204	0	204	1.02	5.0
11/21/2016	0.005			490	214	0	490	2.45	5.0
11/22/2016		0.002		472	191	0	191	0.38	2.0
11/28/2016	0.005			429	201	0	429	2.14	5.0
11/29/2016		0.004		384	204	0	204	0.82	4.0
12/5/2016	0.006			167	273	0	167	1.00	6.0
12/6/2016		0.004		191	225	0	225	0.90	4.0
12/12/2016	0.006			173	271	0	173	1.04	6.0
12/13/2016		0.004		191	235	0	235	0.94	4.0
12/19/2016	0.005			186	225	0	186	0.93	5.0
12/20/2016		0.004		181	189	0	189	0.76	4.0
12/27/2016	0.005			124	180	0	124	0.62	5.0
12/28/2016		0.004		118	167	0	167	0.67	4.0
1/3/2017	0.005			124	140	0	124	0.62	5.0
1/4/2017		0.004		140	181	0	181	0.72	4.0
1/9/2017	0.004			66	148	0	66	0.26	4.0
1/10/2017		0.004		67	146	0	146	0.58	4.0
1/17/2017	0.006			65	127	0	65	0.39	6.0
1/18/2017		0.004		68	105	0	105	0.42	4.0
1/23/2017	0.008			67	70	0	67	0.54	8.0
1/24/2017		0.004		69	53	0	53	0.21	4.0
1/30/2017	0.006			62	57	0	62	0.37	6.0
1/31/2017		0.004		68	77	0	77	0.31	4.0
2/6/2017	0.006			135	57	0	135	0.81	6.0
2/7/2017		0.006		140	0	0	0	0.00	
2/13/2017	0.006			134	0	0	134	0.81	6.0
2/14/2017		0.004		139	0	0	0	0.00	
2/20/2017	0.006			118	0	0	118	0.71	6.0
2/21/2017		0.004		102	0	0	0	0.00	
2/27/2017	0.004			91	93	0	91	0.36	4.0
2/28/2017		0.004		101	0	0	0	0.00	
3/6/2017	0.007			86	0	0	86	0.60	7.0
3/7/2017		0.005		67	0	0	0	0.00	
3/13/2017	0.008			19	0	0	19	0.15	8.0
3/14/2017		0.005		37	38	0	38	0.19	5.0
3/20/2017	0.006			0	0	0	0	0.00	
3/21/2017		0.006		0	0	0	0	0.00	
3/27/2017	0.006			0	0	0	0	0.00	
3/28/2017		0.009		0	0	0	0	0.00	
4/3/2017	0.006			0	0	0	0	0.00	
4/4/2017		0.005		0	0	0	0	0.00	
4/10/2017	0.010			0	0	0	0	0.00	
4/11/2017		G ³		0	0	0	0	0.00	
4/17/2017	0.009			0	0	0	0	0.00	
4/18/2017		0.008		0	0	0	0	0.00	
4/24/2017	0.008			44	108	0	44	0.35	8.0
4/25/2017		0.010		0	63	0	63	0.63	10.0
5/1/2017	0.006			0	0	0	0	0.00	
5/2/2017		0.006		0	0	0	0	0.00	
5/8/2017	0.008			0	0	0	0	0.00	
5/9/2017		0.006		0	0	0	0	0.00	
5/15/2017	0.020			0	0	0	0	0.00	
5/16/2017		0.005		0	0	0	0	0.00	
5/22/2017	0.007			0	79	0	0	0.00	
5/23/2017		G ³	0.097	0	0	0	0	0.00	
5/30/2017	0.008			0	0	0	0	0.00	
5/31/2017		0.007	0.016	2	0	0	0	0.00	
6/6/2017	0.008	0.008	0.021	0	0	0	0	0.00	
6/13/2017	0.005	0.004	0.016	430	352	0	782	3.56	4.6
6/20/2017	0.007	0.004	0.014	307	762	0	1,069	5.19	4.9
6/27/2017	0.009	0.007	0.013	246	516	0	762	5.82	7.6
7/5/2017	0.008	0.007	0.007	270	381	226	877	6.41	7.3
7/11/2017	0.008	0.006	0.007	278	426	226	930	6.36	6.8
7/18/2017	0.007	0.005	0.006	243	716	225	1,183	6.63	5.6
7/25/2017	0.006	0.004	0.005	246	669	211	1,125	5.20	4.6
8/1/2017	0.007	0.005	0.006	274	658	225	1,157	6.56	5.7
8/8/2017	0.007	0.004	0.004	279	495	225	999	4.83	4.8
8/15/2017	0.006	0.006	0.005	121	630	225	977	5.63	5.8
8/22/2017	0.008	0.006	0.007	157	763	225	1,145	7.41	6.5
8/29/2017	0.006	0.006	0.005	247	805	224	1,276	7.43	5.8
9/5/2017	0.007	0.006	0.007	275	610	224	1,109	7.16	6.5
9/14/2017	0.007	0.011	0.058	496	1860	0	2,356	23.93	10.2
9/19/2017	0.006	0.006	0.011	561	862	224	1,647	11.01	6.7
9/26/2017	0.008	0.006	0.007	539	978	224	1,741	11.75	6.7
10/3/2017	0.006	0.005	0.006	554	830	209	1,593	8.73	5.5
10/10/2017	0.006	0.005	0.006	171	1130	224	1,525	8.02	5.3
10/17/2017	0.007	0.005	0.006	348	805	224	1,377	7.81	5.7
10/24/2017	0.006	G ³	NOB ⁴	478	674	224	478	2.87	6.0
10/31/2017	0.005	0.004	NOB ⁴	0	759	224	759	3.04	4.0
11/7/2017	0.006	0.006	NOB ⁴	0	639	225	639	3.83	6.0
11/14/2017	0.006	0.006	NOB ⁴	0	651	224	651	3.91	6.0
11/21/2017	0.006		NOB ⁴	562	386	224	562	3.37	6.0
11/22/2017		0.004	NOB ⁴	554	347	224	347	1.39	4.0
11/28/2017	0.007	0.005	NOB ⁴	0	588	224	588	2.94	5.0
12/5/2017	0.007	0.005	NOB ⁴	274	388	224	662	3.86	5.8
12/12/2017	0.008	0.006	NOB ⁴	414	551	224	965	6.62	6.9
12/19/2017	0.005	0.005	NOB ⁴	442	327	224	769	3.85	5.0
12/26/2017	0.006	0.004	NOB ⁴	407	278	224	685	3.55	5.2

Period	Total Flow ¹	12-Month Long-term Limit	12-Month FWMC ⁵	Percent of Sampling Events Greater than 10 ppb	
	(kac-ft)	(ppb)	(ppb)	Guideline	Observed
November 1, 2016-October 31, 2017	463.8	11.0	6.0	53.1%	1.8%
December 1, 2016-November 30, 2017	478.2	11.0	6.1	53.1%	1.9%
January 1, 2017-December 31, 2017	518.5	11.0	6.1	53.1%	2.0%

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 flow at S332D + G737 + S18C.
 - S200 daily mean flow on the day when G737 gates were opened.
 - 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.
 - NOB - No Bottle Sample.
 - All sampling events and flow data are used to calculate flow-weighted mean concentrations.

Taylor Slough and Coastal Basins Data Tracking

Fourth Quarter 2017 Alternative Method 3: [S332D-S332DX1-S328]+S328+G737+S18C
Total Phosphorus (TP) Tracking Provisional Data Report

Sampling Event Date	TP Concentration (mg/L)				Daily Mean Flow (cfs)						Sampling Events		
	S332D (S332DX)	S18C	G737	S328	S332D	S18C	G737 ²	S332D - S332DX1 - S328	S332DX1	S328	Sampled Flow (cfs)	TP Loads (cfs*mg/L)	FWMC (ppb)
11/1/2016		0.004			484	291	0	484	0	0	291	1.16	4.0
11/7/2016	0.007				500	250	0	500	0	0	500	3.50	7.0
11/8/2016		0.003			496	261	0	496	0	0	261	0.78	3.0
11/14/2016	0.005				533	235	0	533	0	0	533	2.66	5.0
11/15/2016		0.005			488	204	0	488	0	0	204	1.02	5.0
11/21/2016	0.005				490	214	0	490	0	0	490	2.45	5.0
11/22/2016		0.002			472	191	0	472	0	0	191	0.38	2.0
11/28/2016	0.005				429	201	0	429	0	0	429	2.14	5.0
11/29/2016		0.004			384	204	0	384	0	0	204	0.82	4.0
12/5/2016	0.006				167	273	0	167	0	0	167	1.00	6.0
12/6/2016		0.004			191	225	0	191	0	0	225	0.90	4.0
12/12/2016	0.006				173	271	0	173	0	0	173	1.04	6.0
12/13/2016		0.004			191	235	0	191	0	0	235	0.94	4.0
12/19/2016	0.005				186	225	0	186	0	0	186	0.93	5.0
12/20/2016		0.004			181	189	0	181	0	0	189	0.76	4.0
12/27/2016	0.005				124	180	0	124	0	0	124	0.62	5.0
12/28/2016		0.004			118	167	0	118	0	0	167	0.67	4.0
1/3/2017	0.005				124	140	0	124	0	0	124	0.62	5.0
1/4/2017		0.004			140	181	0	140	0	0	181	0.72	4.0
1/9/2017	0.004				66	148	0	66	0	0	66	0.26	4.0
1/10/2017		0.004			67	146	0	67	0	0	146	0.58	4.0
1/17/2017	0.006				65	127	0	65	0	0	65	0.39	6.0
1/18/2017		0.004			68	105	0	68	0	0	105	0.42	4.0
1/23/2017	0.008				67	70	0	67	0	0	67	0.54	8.0
1/24/2017		0.004			69	53	0	69	0	0	53	0.21	4.0
1/30/2017	0.006				62	57	0	62	0	0	62	0.37	6.0
1/31/2017		0.004			68	77	0	68	0	0	77	0.31	4.0
2/6/2017	0.006				135	57	0	135	0	0	135	0.81	6.0
2/7/2017		0.006			140	0	0	140	0	0	0	0.00	
2/13/2017	0.006				134	0	0	134	0	0	134	0.81	6.0
2/14/2017		0.004			139	0	0	139	0	0	0	0.00	
2/20/2017	0.006				118	0	0	118	0	0	118	0.71	6.0
2/21/2017		0.004			102	0	0	102	0	0	0	0.00	
2/27/2017	0.004				91	93	0	91	0	0	91	0.36	4.0
2/28/2017		0.004			101	0	0	101	0	0	0	0.00	
3/6/2017	0.007				86	0	0	86	0	0	86	0.60	7.0
3/7/2017		0.005			67	0	0	67	0	0	0	0.00	
3/13/2017	0.008				19	0	0	19	0	0	19	0.15	8.0
3/14/2017		0.005			37	38	0	37	0	0	38	0.19	5.0
3/20/2017	0.006				0	0	0	0	0	0	0	0.00	
3/21/2017		0.006			0	0	0	0	0	0	0	0.00	
3/27/2017	0.006				0	0	0	0	0	0	0	0.00	
3/28/2017		0.009			0	0	0	0	0	0	0	0.00	
4/3/2017	0.006				0	0	0	0	0	0	0	0.00	
4/4/2017		0.005			0	0	0	0	0	0	0	0.00	
4/10/2017	0.010				0	0	0	0	0	0	0	0.00	
4/11/2017		G ³			0	0	0	0	0	0	Incomplete data	Not Available	
4/17/2017	0.009				0	0	0	0	0	0	0	0.00	
4/18/2017		0.008			0	0	0	0	0	0	0	0.00	
4/24/2017	0.008				44	108	0	44	0	0	44	0.35	8.0
4/25/2017		0.010			0	63	0	0	0	0	63	0.63	10.0
5/1/2017	0.006				0	0	0	0	0	0	0	0.00	
5/2/2017		0.006			0	0	0	0	0	0	0	0.00	
5/8/2017	0.008				0	0	0	0	0	0	0	0.00	
5/9/2017		0.006			0	0	0	0	0	0	0	0.00	
5/15/2017	0.020				0	0	0	0	0	0	0	0.00	
5/16/2017		0.005			0	0	0	0	0	0	0	0.00	
5/22/2017	0.007				0	79	0	0	0	0	0	0.00	
5/23/2017		G ³	0.097	0.962	0	0	0	0	0	0	Incomplete data	Not Available	
5/30/2017	0.008				0	0	0	0	0	0	0	0.00	
5/31/2017		0.007	0.016	0.465	2	0	0	2	0	0	0	0.00	
6/6/2017	0.008	0.008	0.021	0.320	0	0	0	0	0	0	0	0.00	
6/13/2017	0.005	0.004	0.016	0.044	430	352	0	179	251	0	531	2.30	4.3
6/20/2017	0.007	0.004	0.014	0.013	307	762	0	206	100	0	968	4.49	4.6
6/27/2017	0.009	0.007	0.013	0.023	246	516	0	246	0	0	762	5.82	7.6
7/5/2017	0.008	0.007	0.007	0.012	270	381	226	270	0	0	877	6.41	7.3
7/11/2017	0.008	0.006	0.007	0.009	278	426	226	278	0	0	930	6.36	6.8
7/18/2017	0.007	0.005	0.006	0.012	243	716	225	243	0	0	1,183	6.63	5.6
7/25/2017	0.006	0.004	0.005	0.010	246	669	211	246	0	0	1,125	5.20	4.6
8/1/2017	0.007	0.005	0.006	0.007	274	658	225	274	0	0	1,157	6.56	5.7
8/8/2017	0.007	0.004	0.004	0.006	279	495	225	279	0	0	999	4.83	4.8
8/15/2017	0.006	0.006	0.005	0.008	121	630	225	121	0	0	977	5.63	5.8
8/22/2017	0.008	0.006	0.007	0.019	157	763	225	157	0	0	1,145	7.41	6.5
8/29/2017	0.006	0.006	0.005	0.009	247	805	224	247	0	0	1,276	7.43	5.8
9/5/2017	0.007	0.006	0.007	0.011	275	610	224	256	0	19	1,109	7.23	6.5
9/14/2017	0.007	0.011	0.058	0.005	496	1860	0	496	0	0	2,356	23.93	10.2
9/19/2017	0.006	0.006	0.011	0.004	561	862	224	561	0	0	1,647	11.01	6.7
9/26/2017	0.008	0.006	0.007	0.005	539	978	224	481	0	58	1,741	11.58	6.6
10/3/2017	0.006	0.005	0.006	0.004	554	830	209	391	0	162	1,593	8.40	5.3
10/10/2017	0.006	0.005	0.006	0.010	171	1130	224	171	0	0	1,525	8.02	5.3
10/17/2017	0.007	0.005	0.006	0.006	348	805	224	280	0	68	1,377	7.74	5.6
10/24/2017	0.006	G ³	NOB ⁴	0.004	478	674	224	478	0	0	478	2.87	6.0
10/31/2017	0.005	0.004	NOB ⁴	0.006	0	759	224	0	0	0	759	3.04	4.0
11/7/2017	0.006	0.006	NOB ⁴	0.006	0	639	225	0	0	0	639	3.83	6.0
11/14/2017	0.006	0.006	NOB ⁴	0.008	0	651	224	0	0	0	651	3.91	6.0
11/21/2017	0.006	NOB ⁴	0.004	562	386	224	346	0	216	562	2.94	5.2	
11/22/2017		0.004	NOB ⁴	554	347	224	476	0	78	347	1.39	4.0	
11/28/2017	0.007	0.005	NOB ⁴	0.005	0	588	224	0	0	0	588	2.94	5.0
12/5/2017	0.007	0.005	NOB ⁴	0.008	274	388	224	274	0	0	662	3.86	5.8
12/12/2017	0.008	0.006	NOB ⁴	0.004	414	551	224	245	0	169	965	5.94	6.2
12/19/2017	0.005	0.005	NOB ⁴	0.005	442	327	224	262	0	180	769	3.85	5.0
12/26/2017	0.006	0.004	NOB ⁴	0.004	407	278	224	240	0	166	685	3.22	4.7

Period	Total Flow ¹	12-Month FWMC ⁵	12-Month Long-term Limit	Percent of Sampling Events Greater than 10 ppb	
	(kac-ft)	(ppb)	(ppb)	Guideline	Observed
November 1, 2016-October 31, 2017	457.3	6.0	11.0	53.1%	1.8%
December 1, 2016-November 30, 2017	471.8	6.0	11.0	53.1%	1.9%
January 1, 2017-December 31, 2017	512.1	6.0	11.0	53.1%	2.0%

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.
 - S200 daily mean flow on the day when G737 gates were opened.
 - 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.
 - NOB - No Bottle Sample.
 - All sampling events and flow data are used to calculate flow-weighted mean concentrations.