

WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-1E

DATE 6/19/2018

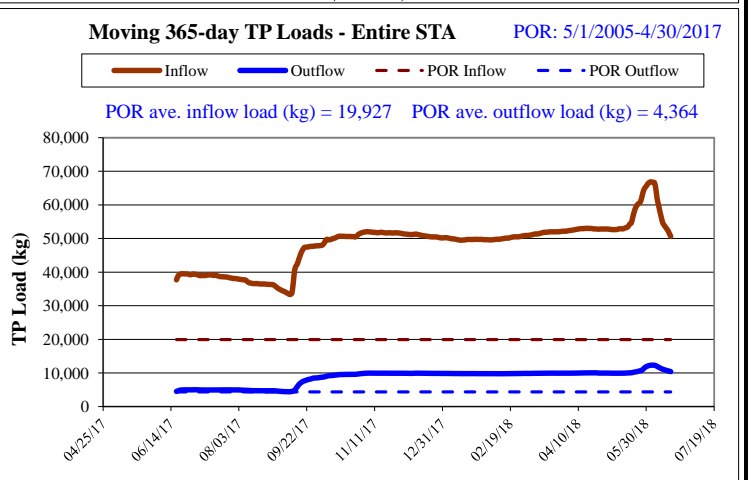
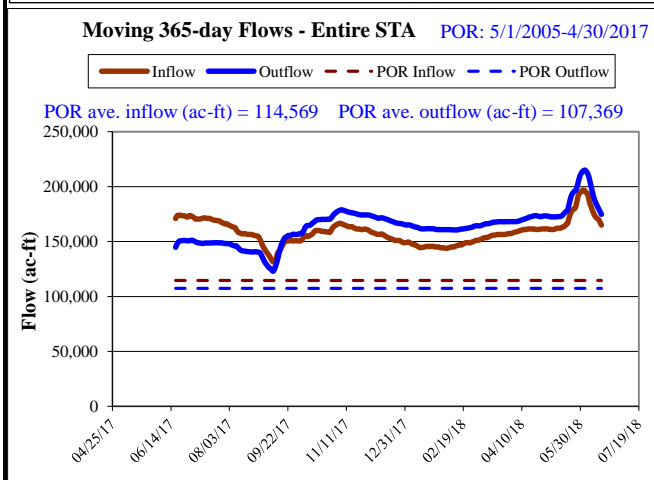
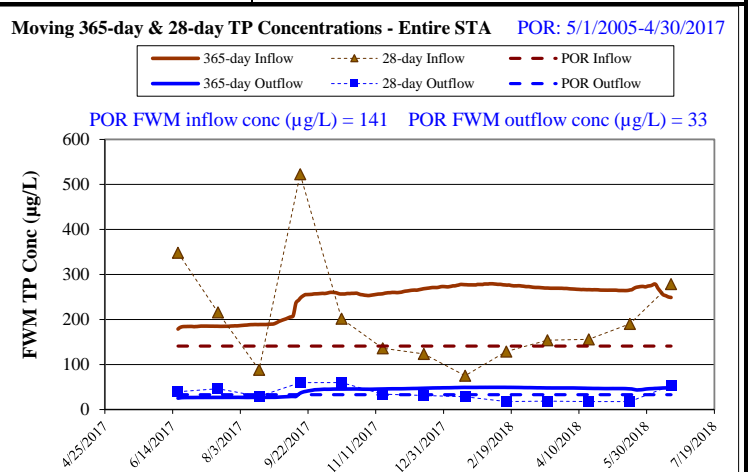
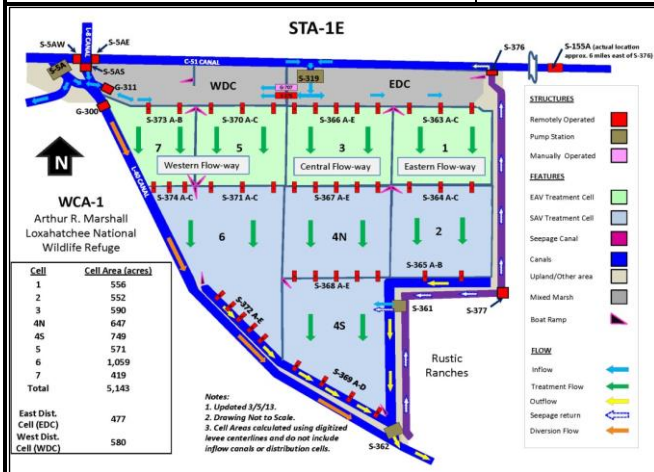
LATEST DATA

06/17/2018

WY2019 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 282	Outflow: 45	Entire STA	W Flow-way	C Flow-way	E Flow-way
365-day Values	Inflow Volume (ac-ft)			164,959	40,526	80,915	57,942
	Inflow Load (kg)			50,647	12,251	26,260	10,724
	Inflow Flow-weighted Mean Conc (µg/L)			249	245	263	150
	Outflow Volume (ac-ft)			174,756	46,248	67,793	62,469
	Outflow Load (kg)			10,402	6,827	6,956	1,170
	Outflow Flow-weighted Mean Conc (µg/L)			48	120	83	15
365-day load reduction (kg)				40,246	5,423	19,305	9,555
28-day Values	Inflow Volume (ac-ft)			37,463	8,163	18,228	7,105
	Inflow Load (kg)			12,879	1,857	7,788	2,437
	Inflow Flow-weighted Mean Conc (µg/L)			279	184	346	278
	Outflow Volume (ac-ft)			36,247	9,738	16,488	9,292
	Outflow Load (kg)			2,390	513	1,325	242
	Outflow Flow-weighted Mean Conc (µg/L)			53	43	65	21
7-day Values	Inflow Volume (ac-ft)			5,295	no flow	181	no flow
	Inflow Flow-weighted Mean Conc (µg/L)			159	no flow	48	no flow
	Outflow Volume (ac-ft)			783	337	164	20
	Outflow Flow-weighted Mean Conc (µg/L)			65	49	61	42
365-day Phosphorus Loading Rate (g/m²/yr)				2.5	1.5	3.3	2.4
6-month trend in outflow TP concentration (- means decrease; µg/L)				1	-16	8	0
Redirected to STA-1 Inflow Basin for the last 365 days through G-311		Volume (ac-ft)	2,054	Load (kg)	332	Conc (µg/L)	131

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

W Flow-way	C Flow-way	E Flow-way
On-line	On-line	On-line
Operational restrictions due to topographic deficiencies and vegetation rehabilitation (starting on November 8, 2016).		Contains nest of ESA-protected species.



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-1W

DATE 6/19/2018

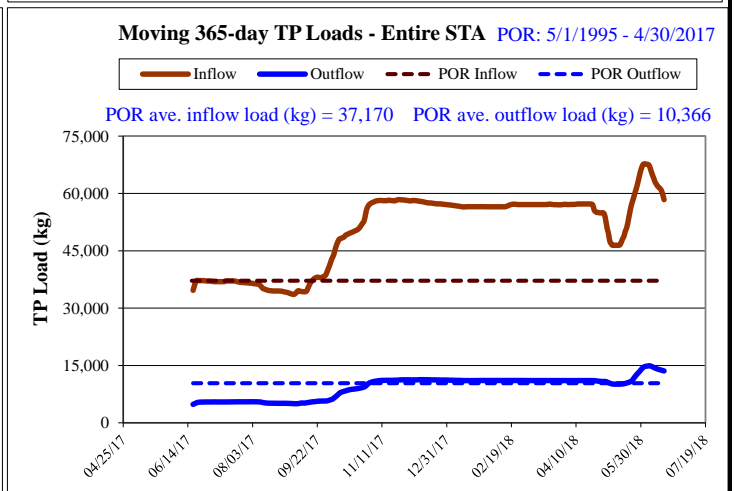
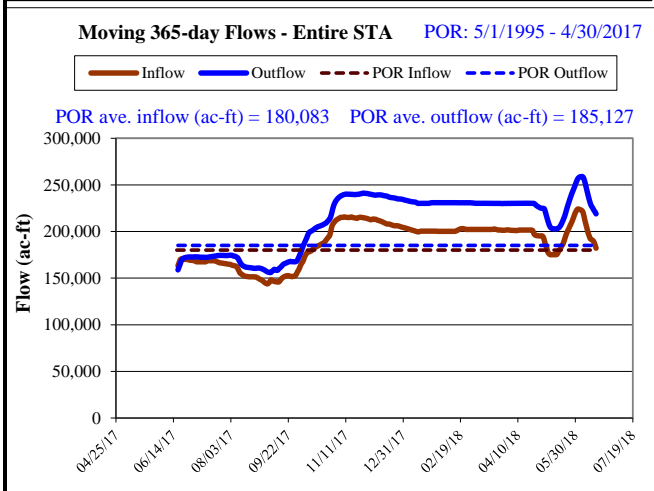
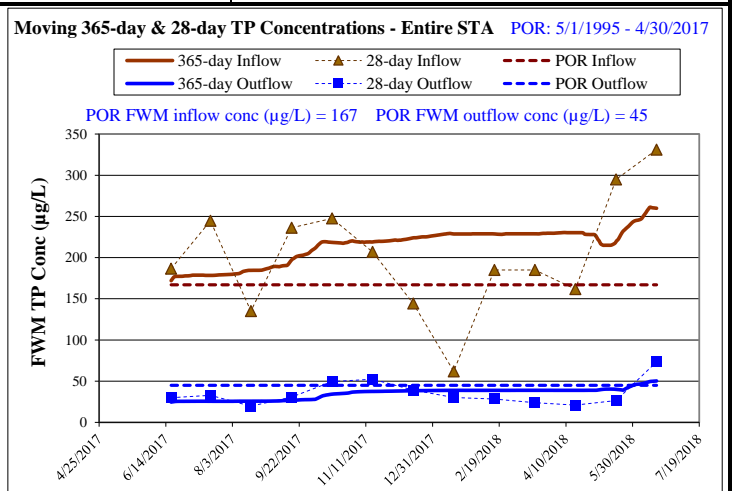
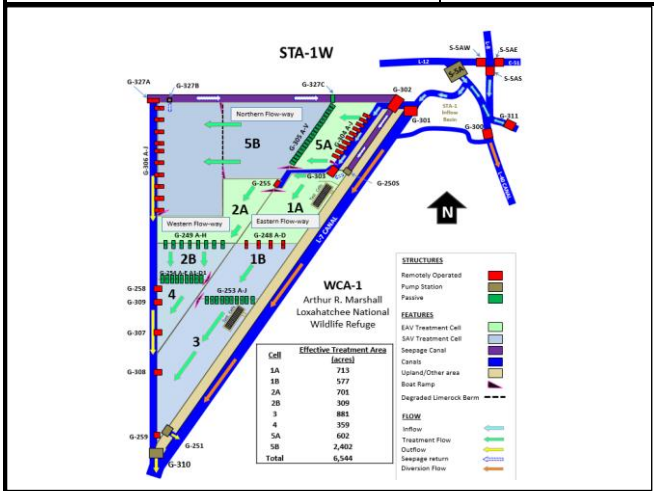
LATEST DATA

6/17/2018

WY2019 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 333	Outflow: 65	Entire STA	W Flow-way	E Flow-way	N Flow-way	
365-day Values	Inflow Volume (ac-ft)			182,087	27,732	57,994	97,050	
	Inflow Load (kg)			58,374	4,485	17,727	30,656	
	Inflow Flow-weighted Mean Conc (µg/L)			260	131	248	256	
	Outflow Volume (ac-ft)			218,909	28,197	79,412	113,060	
	Outflow Load (kg)			13,575	1,203	3,438	5,011	
	Outflow Flow-weighted Mean Conc (µg/L)			50	35	35	36	
365-day load reduction (kg)				44,799	3,282	14,289	25,646	
28-day Values	Inflow Volume (ac-ft)			41,385	19,662	12,587	9,761	
	Inflow Load (kg)			16,900	3,177	4,728	3,762	
	Inflow Flow-weighted Mean Conc (µg/L)			331	131	304	312	
	Outflow Volume (ac-ft)			53,347	12,299	18,065	21,638	
	Outflow Load (kg)			4,838	695	517	880	
	Outflow Flow-weighted Mean Conc (µg/L)			74	46	23	33	
7-day Values	Inflow Volume (ac-ft)			5,138	298	2,797	2,667	
	Inflow Flow-weighted Mean Conc (µg/L)			188	131	175	191	
	Outflow Volume (ac-ft)			5,825	385	3,252	2,466	
	Outflow Flow-weighted Mean Conc (µg/L)			41	34	25	42	
	365-day Phosphorus Loading Rate (g/m²/yr)				2.2	0.8	2.0	2.5
	6-month trend in outflow TP concentration (- means decrease; µg/L)				12	10	3	2
Redirection to STA-1E over the last 365 days		Volume (ac-ft)	36,594	Load (kg)	14,691	Conc (µg/L)	325	
Redirection to S-5AS over the last 365 days		Volume (ac-ft)	249,922	Load (kg)	61,731	Conc (µg/L)	200	

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

W Flow-way	E Flow-way	N Flow-way
On-line	On-line	On-line



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-2

DATE 6/19/2018

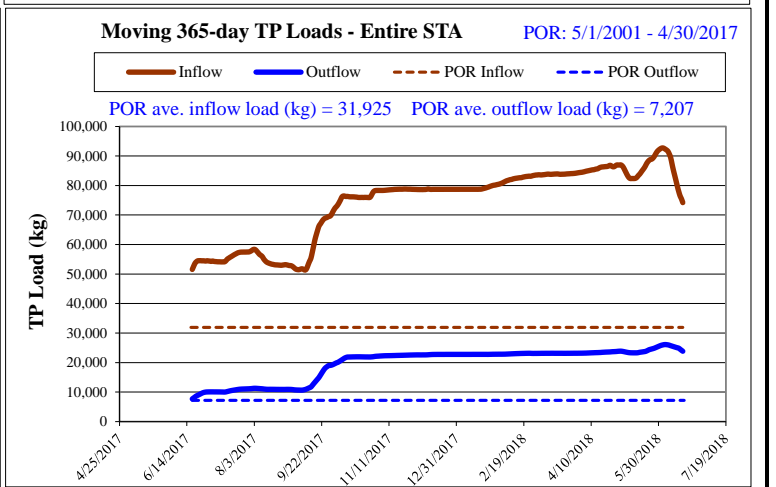
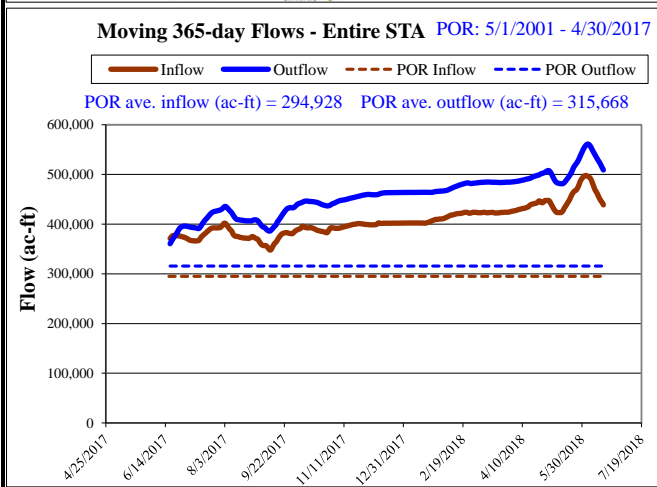
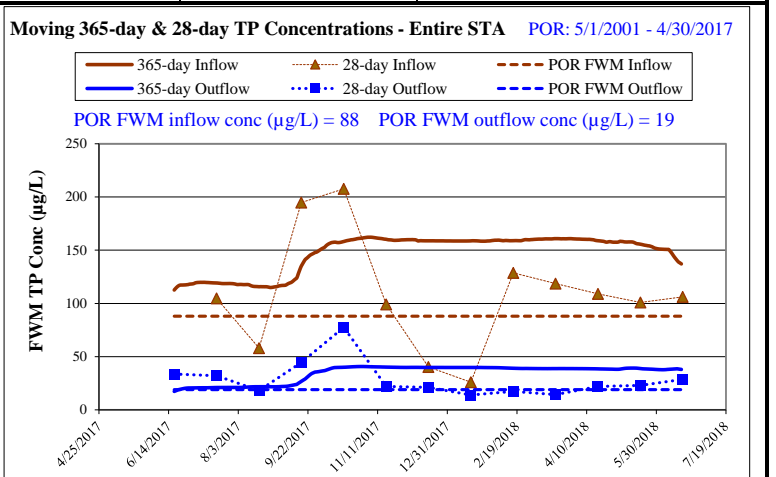
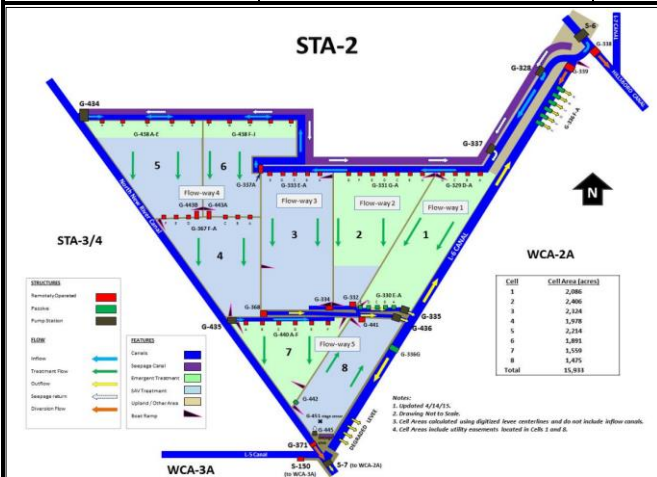
LATEST DATA

6/17/2018

WY2019 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 109	Outflow: 27	Entire STA	Flow-way 5	Flow-way 4	Flow-way 3	Flow-way 2	Flow-way 1	
365-day Values	Inflow Volume (ac-ft)				432,893	16,072	145,537	99,494	110,149	81,216
	Inflow Load (kg)				72,751	926	21,490	21,972	21,303	12,530
	Inflow Flow-weighted Mean Conc (µg/L)				136	47	120	179	157	125
	Outflow Volume (ac-ft)				509,010	25,594	159,733	123,581	111,661	98,031
	Outflow Load (kg)				23,847	348	2,855	11,614	10,346	1,092
	Outflow Flow-weighted Mean Conc (µg/L)				38	11	14	76	75	9
365-day load reduction (kg)				48,904	578	18,636	10,358	10,957	11,438	
28-day Values	Inflow Volume (ac-ft)				57,988	5	28,478	4,072	19,795	14,946
	Inflow Load (kg)				7,600	1	3,868	640	2,869	1,692
	Inflow Flow-weighted Mean Conc (µg/L)				106	98	110	127	117	92
	Outflow Volume (ac-ft)				75,702	1,874	30,856	6,794	22,920	15,968
	Outflow Load (kg)				2,679	47	538	662	1,441	174
	Outflow Flow-weighted Mean Conc (µg/L)				29	20	14	79	51	9
7-day Values	Inflow Volume (ac-ft)				8,668	no flow	6,840	no flow	795	2,522
	Inflow Flow-weighted Mean Conc (µg/L)				84	no flow	86	no flow	76	66
	Outflow Volume (ac-ft)				7,014	418	4,193	178	953	1,893
	Outflow Flow-weighted Mean Conc (µg/L)				19	17	15	42	40	8
365-day phosphorus loading rate (g/m²/yr)				1.2	0.1	0.9	2.4	2.2	1.7	
6-month trend in outflow TP concentration (- means decrease; µg/L)				0	1	0	11	-9	0	

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

Flow-way 5	Flow-way 4	Flow-way 3	Flow-way 2	Flow-way 1
On-line	On-line	On-line	On-line	On-line
		Operational restrictions due to vegetation rehabilitation starting on April 3, 2018.		



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-3/4

DATE 6/19/2018

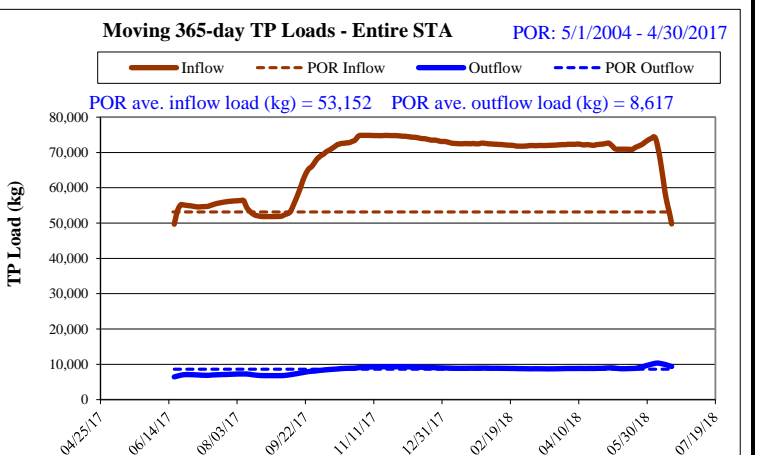
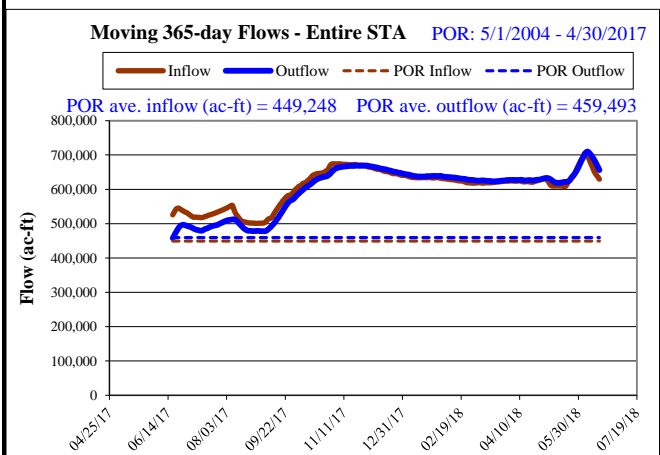
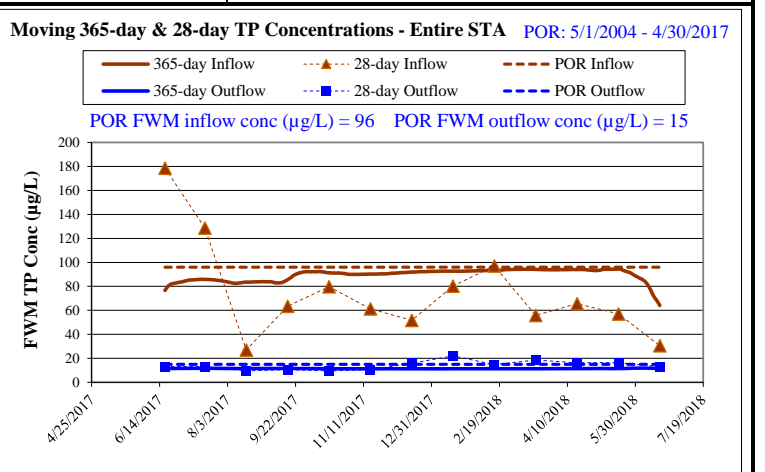
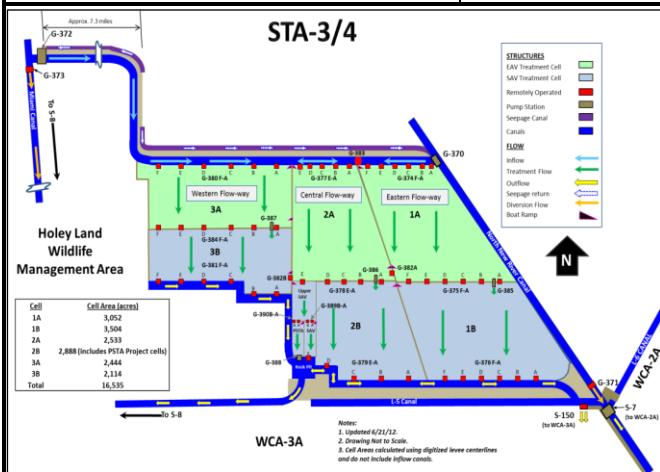
LATEST DATA

6/17/2018

WY2019 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 32	Outflow: 13	Entire STA	W Flow-way	C Flow-way	E Flow-way	
365-day Values	Inflow Volume (ac-ft)			629,621	224,364	172,839	232,417	
	Inflow Load (kg)			49,761	20,804	13,222	15,735	
	Inflow Flow-weighted Mean Conc (µg/L)			64	75	62	55	
	Outflow Volume (ac-ft)			656,075	221,596	200,503	233,976	
	Outflow Load (kg)			9,368	3,813	2,655	2,901	
	Outflow Flow-weighted Mean Conc (µg/L)			12	14	11	10	
365-day load reduction (kg)				40,393	16,991	10,567	12,835	
28-day Values	Inflow Volume (ac-ft)			136,740	48,961	37,671	50,108	
	Inflow Load (kg)			5,163	2,606	1,167	1,390	
	Inflow Flow-weighted Mean Conc (µg/L)			31	43	25	22	
	Outflow Volume (ac-ft)			129,835	42,152	37,587	50,095	
	Outflow Load (kg)			2,097	732	598	767	
	Outflow Flow-weighted Mean Conc (µg/L)			13	14	13	12	
7-day Values	Inflow Volume (ac-ft)			19,576	5,718	10,087	3,771	
	Inflow Flow-weighted Mean Conc (µg/L)			26	31	24	22	
	Outflow Volume (ac-ft)			17,111	4,076	9,938	3,097	
	Outflow Flow-weighted Mean Conc (µg/L)			11	12	10	10	
	365-day Phosphorus Loading Rate (g/m²/yr)				0.8	1.1	0.6	0.6
	6-month trend in outflow TP concentration (- means decrease; µg/L)				0	1	0	0

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

W Flow-way	C Flow-way	E Flow-way
On-line	On-line	On-line
Operational restrictions due to Restoration Strategies Science Plan Study starting on June 18, 2018.	Operational restrictions due to vegetation rehabilitation starting on March 27, 2018.	



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-5/6

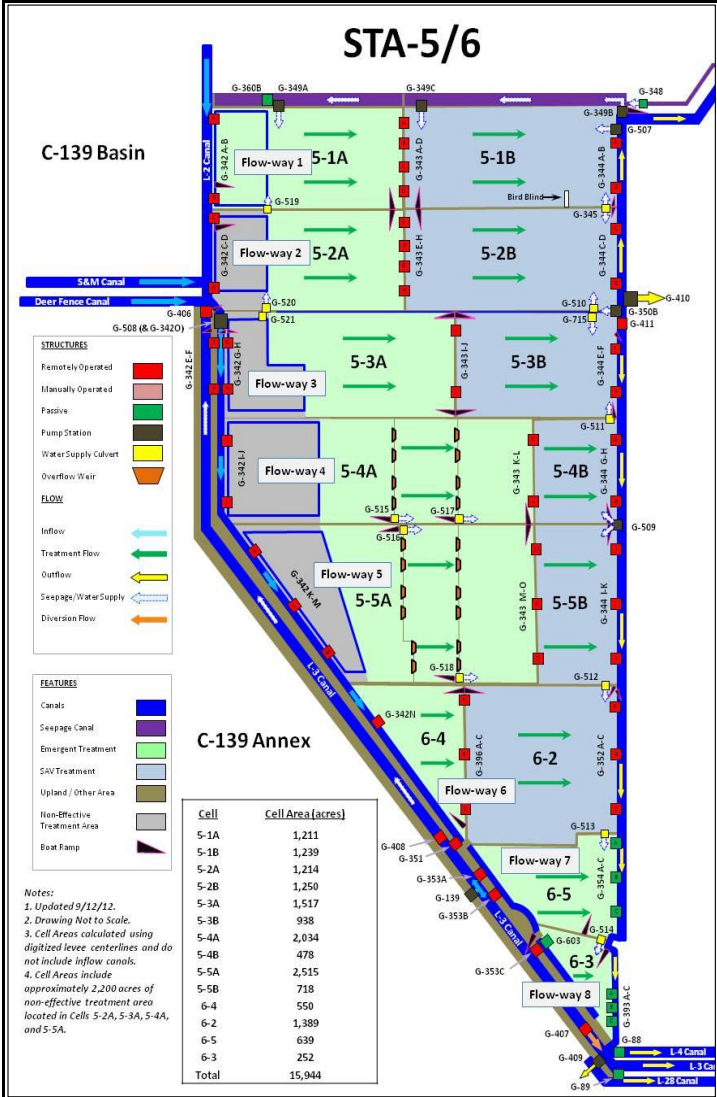
DATE 6/19/2018

LATEST DATA 6/17/2018

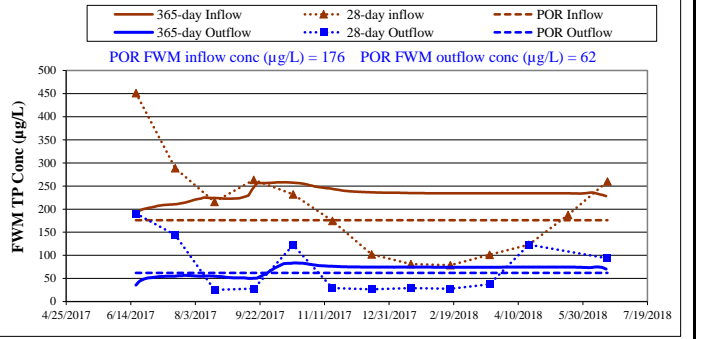
WY2019 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 260	Outflow: 94	Entire STA	Flow-way 1	Flow-way 2	Flow-way 3	Flow-way 4	Flow-way 5	Flow-way 6	Flow-way 7	Flow-way 8
365-day Values	Inflow Volume (ac-ft)	276,125	41,355	9,483	57,266	36,496	46,325	33,409	20,133	3,248		
	Inflow Load (kg)	77,682	9,884	2,855	15,182	9,571	12,437	13,007	4,026	769		
	Inflow Flow-weighted Mean Conc (µg/L)	228	194	244	215	213	218	316	162	192		
	Outflow Volume (ac-ft)	322,306	38,599	30,047	66,887	53,099	65,014	46,741	18,420	3,499		
	Outflow Load (kg)	27,987	1,780	3,294	4,204	2,910	5,950	7,751	1,464	632		
	Outflow Flow-weighted Mean Conc (µg/L)	70	37	89	51	44	74	134	64	147		
365-day load reduction (kg)				49,695	8,103	-440	10,978	6,660	6,487	5,255	2,562	137
28-day Values	Inflow Volume (ac-ft)	14,913	2,654	1,692	2,264	no flow	2,051	4,690	294	no flow		
	Inflow Load (kg)	4,784	600	506	804	no flow	548	1,677	25	no flow		
	Inflow Flow-weighted Mean Conc (µg/L)	260	183	242	288	no flow	217	290	69	no flow		
	Outflow Volume (ac-ft)	12,238	5,816	2,882	no flow	no flow	no flow	3,539	no flow	no flow		
	Outflow Load (kg)	1,413.7	169.6	157.2	no flow	no flow	no flow	1,086.7	no flow	no flow		
	Outflow Flow-weighted Mean Conc (µg/L)	94	24	44	no flow	no flow	no flow	249	no flow	no flow		
7-day Values	Inflow Volume (ac-ft)	2,476	no flow	no flow	823	no flow	498	1,190	59	no flow		
	Inflow Flow-weighted Mean Conc (µg/L)	206	no flow	no flow	290	no flow	217	294	69	no flow		
	Outflow Volume (ac-ft)	2,839	529	958	no flow	no flow	no flow	1,350	no flow	no flow		
	Outflow Flow-weighted Mean Conc (µg/L)	143	29	50	no flow	no flow	no flow	255	no flow	no flow		
365-day phosphorus loading rate (g/m²/yr)				1.4	1.0	0.3	2.0	1.3	1.2	1.7	1.6	0.8
6-month trend in outflow TP concentration (- means decrease; µg/L)				-4	-5	-17	1	0	1	-10	-45	-58
Inflows to Rotenberger over the last 365 days				11,627	TP Load (kg)	286	TP Conc (µg/L)	20				

Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

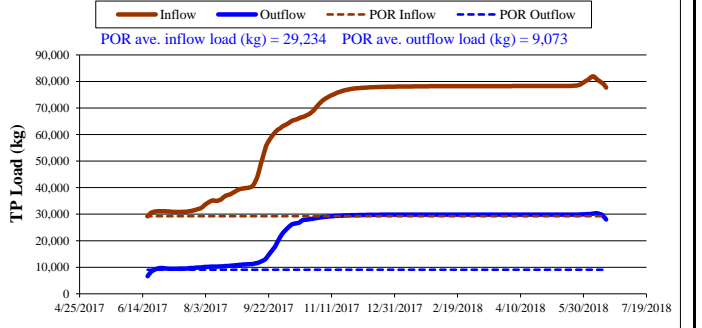
Flow-way 1	Flow-way 2	Flow-way 3	Flow-way 4	Flow-way 5	Flow-way 6	Flow-way 7	Flow-way 8
On-line	On-line	On-line	On-line	On-line	On-line	On-line	On-line
Operational restrictions due to pre-construction survey starting on June 18, 2018.							



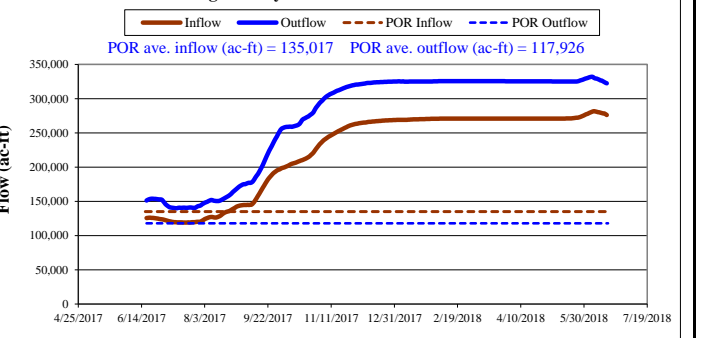
Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/2000 - 4/30/2017



Moving 365-day TP Loads - Entire STA POR: 5/1/2000 - 4/30/2017



Moving 365-day Flows - Entire STA POR: 5/1/2000 - 4/30/2017



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