

WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-1E

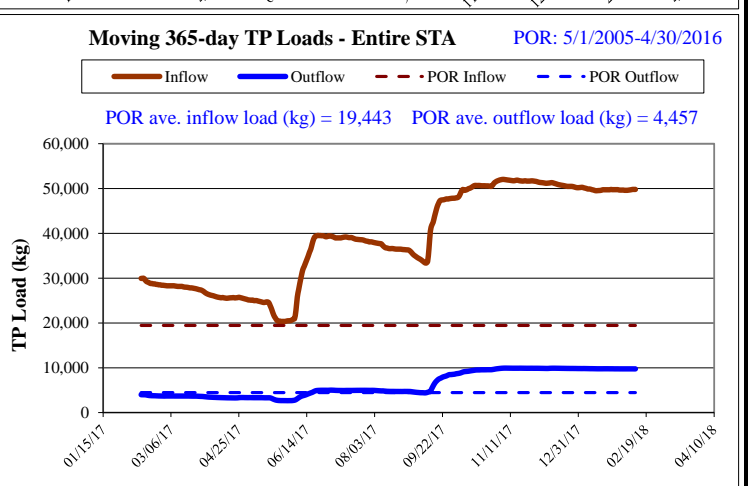
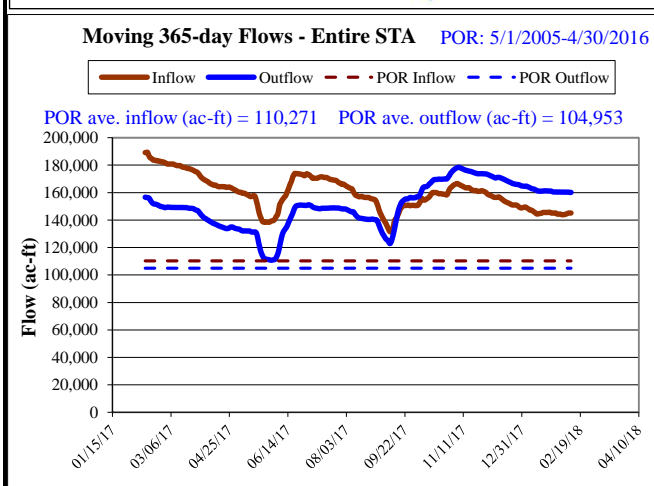
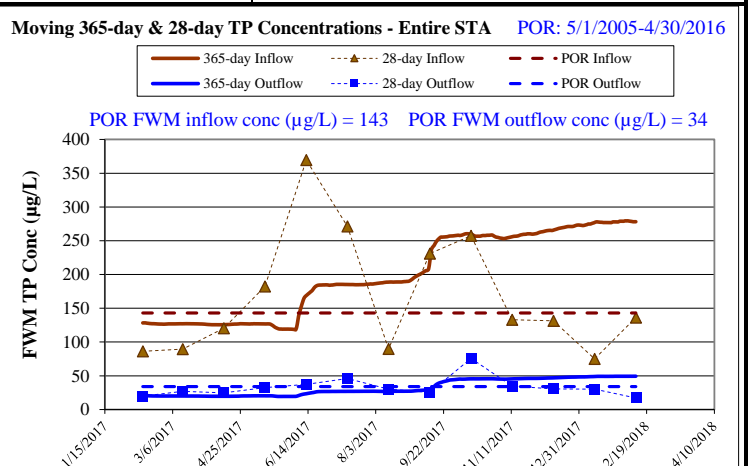
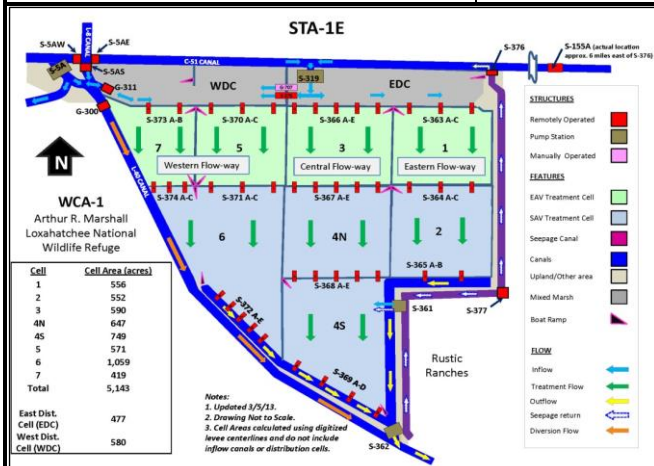
DATE 2/12/2018

LATEST DATA

02/11/2018

WY2018 to Date Flow-weighted Mean Conc (µg/L)	Inflow: 286	Outflow: 50	Entire STA	W Flow-way	C Flow-way	E Flow-way
365-day Values	Inflow Volume (ac-ft)		145,134	43,372	86,253	31,895
	Inflow Load (kg)		49,794	12,459	22,404	5,430
	Inflow Flow-weighted Mean Conc (µg/L)		278	233	211	138
	Outflow Volume (ac-ft)		160,154	49,615	72,065	31,573
	Outflow Load (kg)		9,747	8,446	6,847	614
	Outflow Flow-weighted Mean Conc (µg/L)		49	138	77	16
365-day load reduction (kg)			40,047	4,013	15,556	4,816
28-day Values	Inflow Volume (ac-ft)		3,279	804	455	1,163
	Inflow Load (kg)		552	52	18	81
	Inflow Flow-weighted Mean Conc (µg/L)		136	53	31	57
	Outflow Volume (ac-ft)		849	28	58	214
	Outflow Load (kg)		18	4	2	4
	Outflow Flow-weighted Mean Conc (µg/L)		17	123	21	16
7-day Values	Inflow Volume (ac-ft)		1,287	115	108	586
	Inflow Flow-weighted Mean Conc (µg/L)		123	51	33	65
	Outflow Volume (ac-ft)		130	no flow	no flow	no flow
	Outflow Flow-weighted Mean Conc (µg/L)		22	no flow	no flow	no flow
365-day Phosphorus Loading Rate (g/m²/yr)			2.5	1.6	2.9	1.2
6-month trend in outflow TP concentration (- means decrease; µg/L)			22	62	39	2

Redirected to STA-1 Inflow Basin for the last 365 days through G-311						
	Volume (ac-ft)	2,811	Load (kg)	451	Conc (µg/L)	130
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).						



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-1W

DATE 2/12/2018

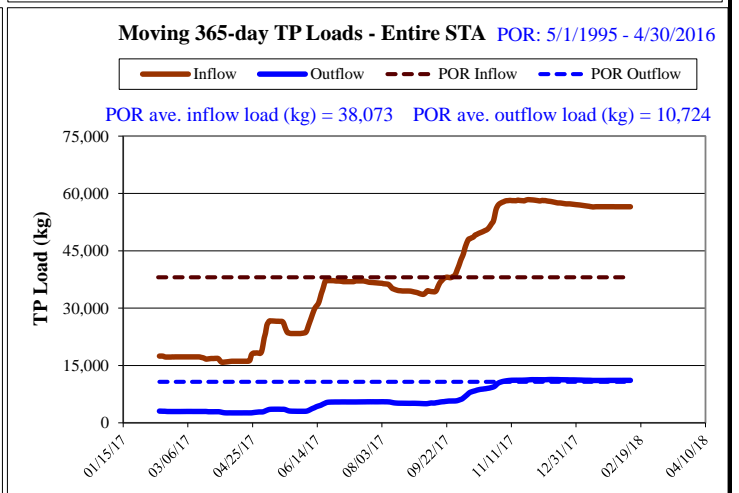
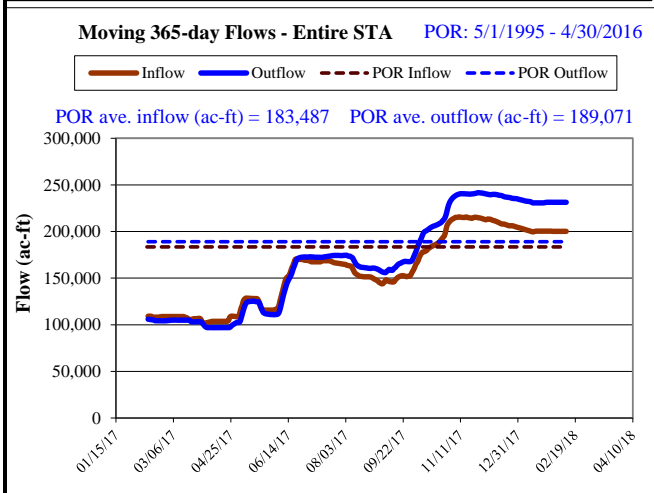
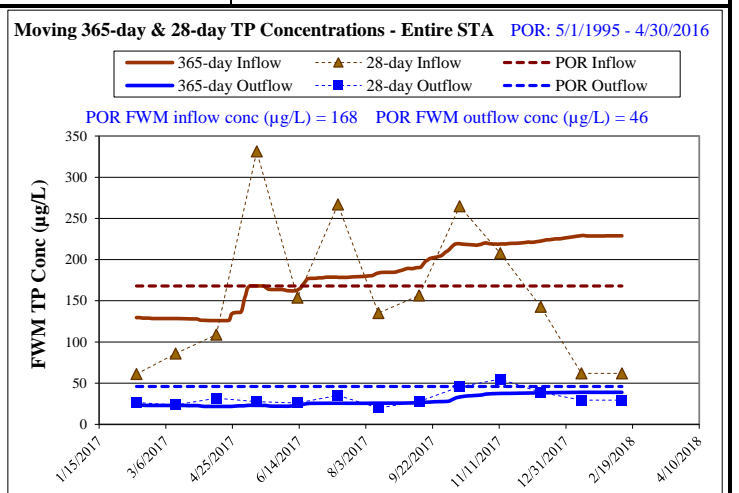
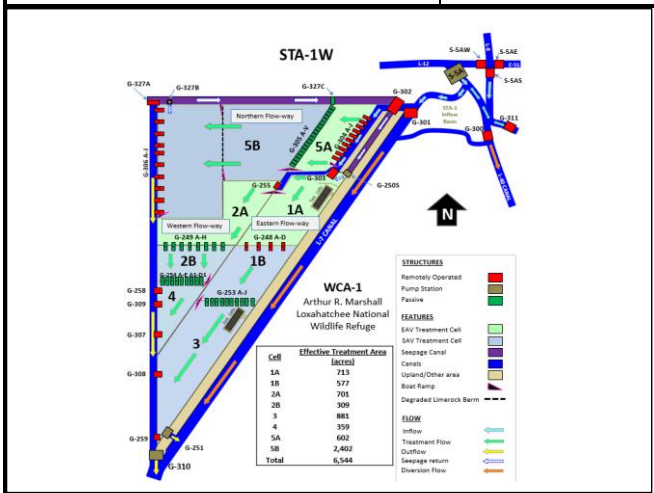
LATEST DATA

2/11/2018

WY2018 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 229	Outflow: 39	Entire STA	W Flow-way	E Flow-way	N Flow-way
365-day Values	Inflow Volume (ac-ft)			200,192	29,636	64,710	105,961
	Inflow Load (kg)			56,519	6,360	18,301	30,823
	Inflow Flow-weighted Mean Conc (µg/L)	229		174	229	236	
	Outflow Volume (ac-ft)			231,346	32,133	82,102	118,955
	Outflow Load (kg)			11,108	966	3,283	5,073
	Outflow Flow-weighted Mean Conc (µg/L)			39	24	32	35
365-day load reduction (kg)				45,410	5,394	15,018	25,750
28-day Values	Inflow Volume (ac-ft)			522	522	no flow	no flow
	Inflow Load (kg)			40	48	no flow	no flow
	Inflow Flow-weighted Mean Conc (µg/L)	62		74	no flow	no flow	no flow
	Outflow Volume (ac-ft)			1,315	no flow	703	no flow
	Outflow Load (kg)			48	no flow	26	no flow
	Outflow Flow-weighted Mean Conc (µg/L)			29	no flow	30	no flow
7-day Values	Inflow Volume (ac-ft)			no flow	no flow	no flow	no flow
	Inflow Flow-weighted Mean Conc (µg/L)			no flow	no flow	no flow	no flow
	Outflow Volume (ac-ft)			141	no flow	no flow	no flow
	Outflow Flow-weighted Mean Conc (µg/L)			40	no flow	no flow	no flow
365-day Phosphorus Loading Rate (g/m²/yr)				2.1	1.1	2.1	2.5
6-month trend in outflow TP concentration (- means decrease; µg/L)				13	0	18	8
Redirection to STA-1E over the last 365 days		Volume (ac-ft)	39,172	Load (kg)	20,329	Conc (µg/L)	421
Redirection to S-5AS over the last 365 days		Volume (ac-ft)	203,559	Load (kg)	52,025	Conc (µg/L)	207

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

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



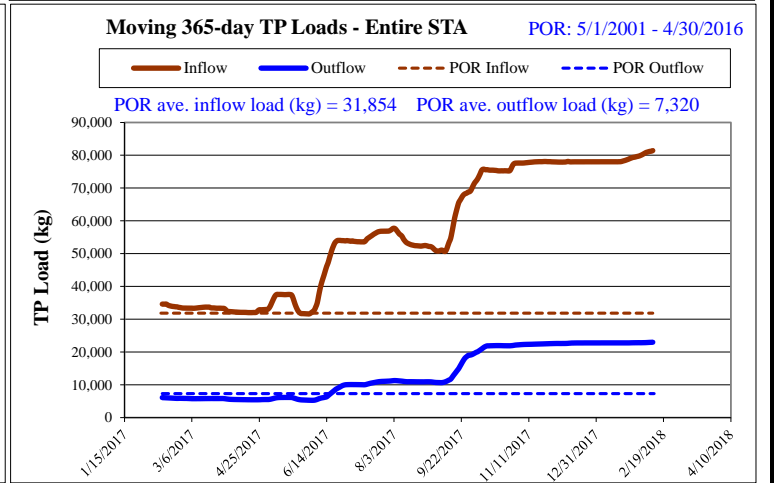
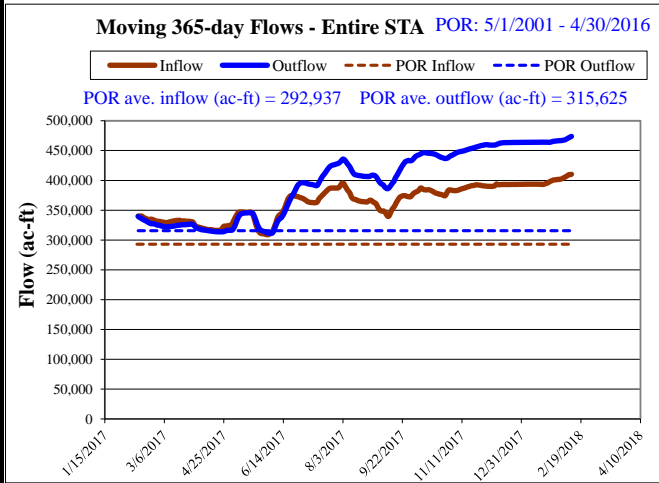
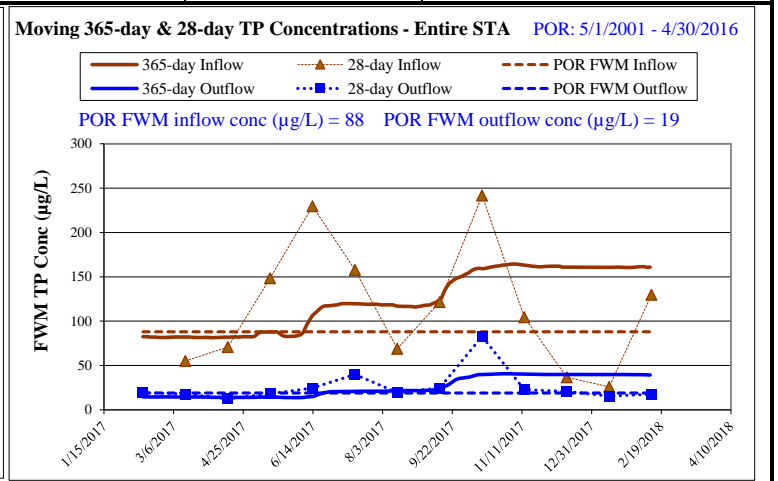
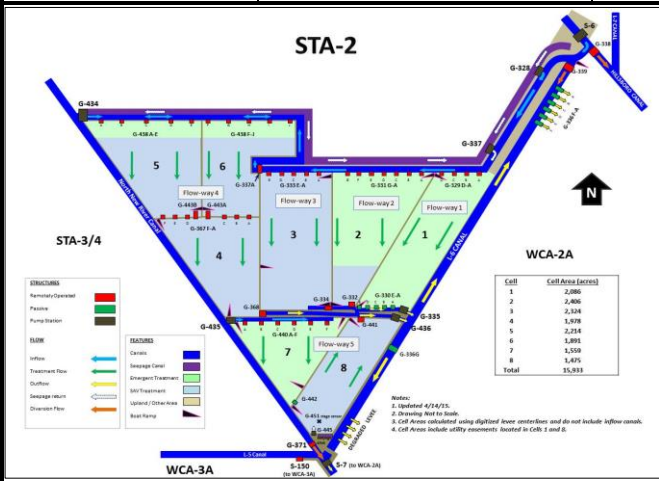
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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-2		DATE 2/12/2018	LATEST DATA					2/11/2018	
WY2018 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 167	Outflow: 40	Entire STA	Flow-way 5	Flow-way 4	Flow-way 3	Flow-way 2	Flow-way 1
365-day Values	Inflow Volume (ac-ft)		409,990	20,261	116,124	129,781	109,914	67,351	
	Inflow Load (kg)		81,413	1,118	18,299	27,222	25,038	11,720	
	Inflow Flow-weighted Mean Conc (µg/L)		161	45	128	170	185	141	
	Outflow Volume (ac-ft)		473,757	24,884	113,832	147,534	107,714	81,777	
	Outflow Load (kg)		22,991	316	1,998	11,875	11,139	911	
	Outflow Flow-weighted Mean Conc (µg/L)		39	10	14	65	84	9	
365-day load reduction (kg)			58,422	802	16,301	15,347	13,900	10,809	
28-day Values	Inflow Volume (ac-ft)		28,062	3,770	19,726	no flow	1,590	2,517	
	Inflow Load (kg)		4,495	401	3,488	no flow	189	86	
	Inflow Flow-weighted Mean Conc (µg/L)		130	86	143	no flow	97	28	
	Outflow Volume (ac-ft)		16,349	1,052	12,072	no flow	334	1,793	
	Outflow Load (kg)		358	21	215	no flow	12	29	
	Outflow Flow-weighted Mean Conc (µg/L)		18	16	14	no flow	30	13	
7-day Values	Inflow Volume (ac-ft)		7,683	1,249	4,933	no flow	no flow	1,278	
	Inflow Flow-weighted Mean Conc (µg/L)		119	104	146	no flow	no flow	27	
	Outflow Volume (ac-ft)		7,467	850	4,994	no flow	no flow	1,341	
	Outflow Flow-weighted Mean Conc (µg/L)		17	17	16	no flow	no flow	13	
365-day phosphorus loading rate (g/m²/yr)			1.3	0.1	0.8	2.9	2.6	1.6	
6-month trend in outflow TP concentration (- means decrease; µg/L)			20	0	0	41	31	1	

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 August 22, 2017.			



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WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-3/4

DATE 2/12/2018

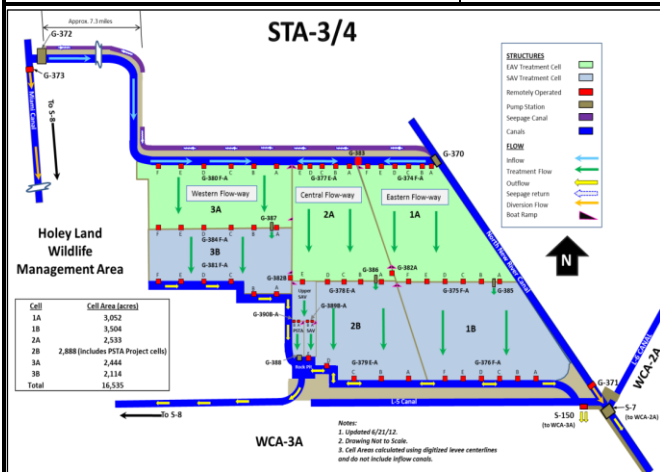
LATEST DATA

2/11/2018

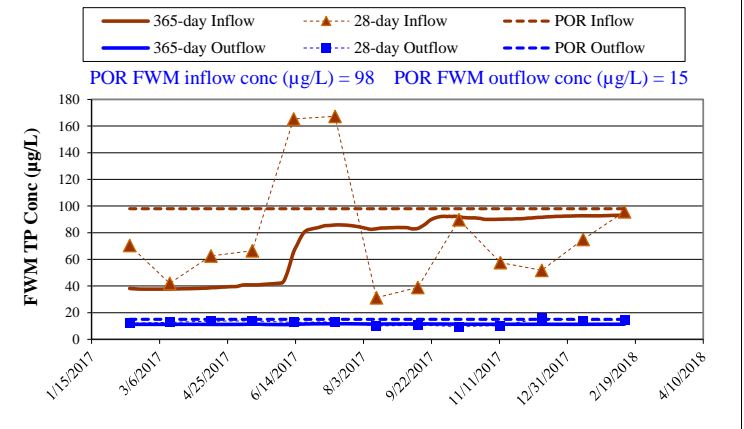
WY2018 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 96	Outflow: 11	Entire STA	W Flow-way	C Flow-way	E Flow-way
365-day Values	Inflow Volume (ac-ft)	628,048	220,909	188,623	218,516		
	Inflow Load (kg)	72,257	26,036	22,273	23,948		
	Inflow Flow-weighted Mean Conc (µg/L)	93	96	96	89		
	Outflow Volume (ac-ft)	635,032	213,363	207,832	213,837		
	Outflow Load (kg)	8,874	3,428	2,816	2,630		
Outflow Flow-weighted Mean Conc (µg/L)	11	13	11	10			
365-day load reduction (kg)				63,383	22,608	19,457	21,318
28-day Values	Inflow Volume (ac-ft)	9,494	9,478	14	no flow		
	Inflow Load (kg)	1,122	1,120	1	no flow		
	Inflow Flow-weighted Mean Conc (µg/L)	96	96	58	no flow		
	Outflow Volume (ac-ft)	10,096	10,096	no flow	no flow		
	Outflow Load (kg)	182	182	no flow	no flow		
Outflow Flow-weighted Mean Conc (µg/L)	15	15	no flow	no flow			
7-day Values	Inflow Volume (ac-ft)	207	191	13	no flow		
	Inflow Flow-weighted Mean Conc (µg/L)	115	120	58	no flow		
	Outflow Volume (ac-ft)	770	770	no flow	no flow		
	Outflow Load (kg)	11	11	no flow	no flow		
	Outflow Flow-weighted Mean Conc (µg/L)	11	11	no flow	no flow		
365-day Phosphorus Loading Rate (g/m²/yr)				1.1	1.4	1.0	0.9
6-month trend in outflow TP concentration (- means decrease; µg/L)				0	1	-1	-1

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

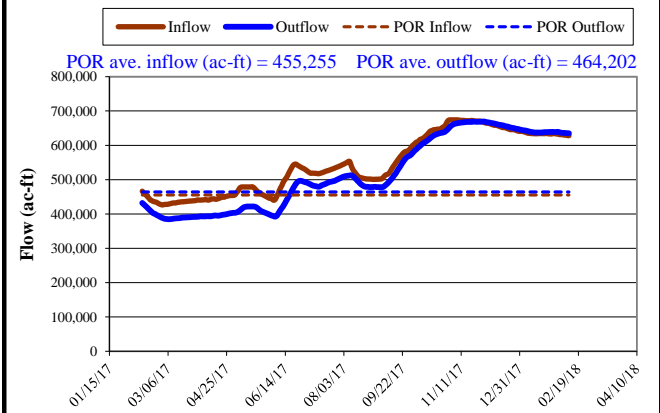
W Flow-way	C Flow-way	E Flow-way
On-line	On-line	On-line



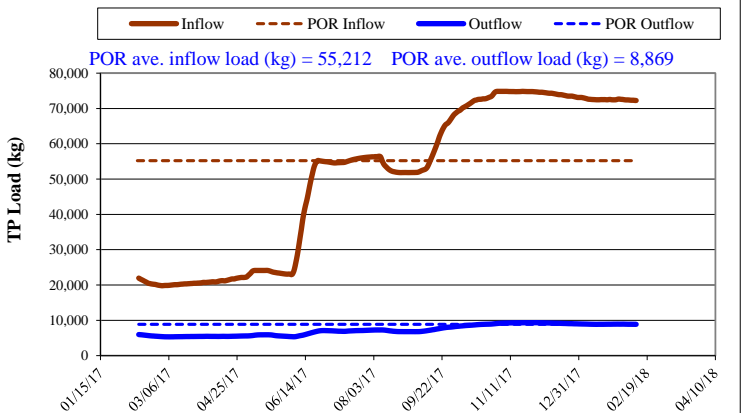
Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/2004 - 4/30/2016



Moving 365-day Flows - Entire STA POR: 5/1/2004 - 4/30/2016



Moving 365-day TP Loads - Entire STA POR: 5/1/2004 - 4/30/2016



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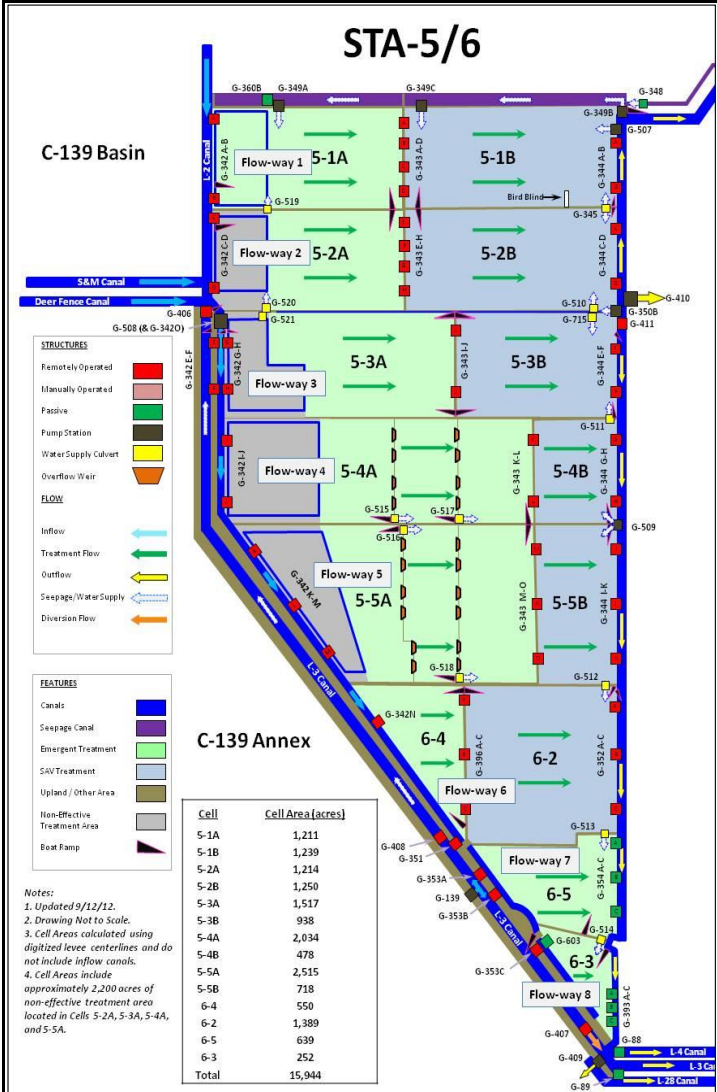
WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-5/6 **DATE 2/12/2018** **LATEST DATA 2/11/2018**

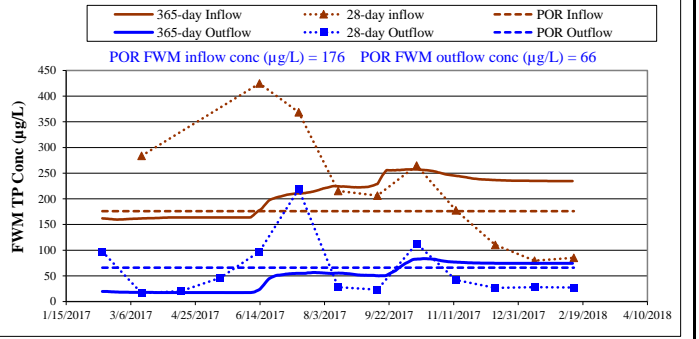
WY2018 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 235	Outflow: 74	Entire STA	Flow-way 1	Flow-way 2	Flow-way 3	Flow-way 4	Flow-way 5	Flow-way 6	Flow-way 7	Flow-way 8
365-day Values	Inflow Volume (ac-ft)	267,849	40,531	11,483	56,514	36,157	44,058	29,499	23,353	4,246		
	Inflow Load (kg)	77,503	11,445	4,220	14,825	9,487	11,836	11,826	5,982	1,310		
	Inflow Flow-weighted Mean Conc (µg/L)	235	229	298	213	213	218	325	208	250		
	Outflow Volume (ac-ft)	326,066	37,677	31,304	68,756	53,571	66,218	43,644	20,737	4,160		
	Outflow Flow-weighted Mean Conc (µg/L)	29,884	1,913	4,074	4,268	2,926	5,983	6,687	3,086	947		
365-day load reduction (kg)		47,619	9,532	147	10,556	6,562	5,853	5,139	2,896	363		
28-day Values	Inflow Volume (ac-ft)	666	571	no flow	no flow	no flow	no flow	17	no flow	no flow		
	Inflow Load (kg)	70	49	no flow	no flow	no flow	no flow	3	no flow	no flow		
	Inflow Flow-weighted Mean Conc (µg/L)	85	70	no flow	no flow	no flow	no flow	135	no flow	no flow		
	Outflow Volume (ac-ft)	589	583	no flow	no flow	no flow	no flow	no flow	no flow	no flow		
	Outflow Flow-weighted Mean Conc (µg/L)	27	27	no flow	no flow	no flow	no flow	no flow	no flow	no flow		
7-day Values	Inflow Volume (ac-ft)	56	56	no flow	no flow	no flow	no flow	17	no flow	no flow		
	Inflow Flow-weighted Mean Conc (µg/L)	13	10	no flow	no flow	no flow	no flow	135	no flow	no flow		
	Outflow Volume (ac-ft)	6	no flow	no flow	no flow	no flow	no flow	no flow	no flow	no flow		
	Outflow Flow-weighted Mean Conc (µg/L)	31	no flow	no flow	no flow	no flow	no flow	no flow	no flow	no flow		
365-day phosphorus loading rate (g/m ² /yr)		1.4	1.2	0.5	1.9	1.3	1.1	1.5	2.4	1.3		
6-month trend in outflow TP concentration (- means decrease; µg/L)		19	1	-4	33	27	46	124	-37	30		
Inflows to Rotenberger over the last 365 days		Volume (ac-ft)	188	TP Load (kg)	12	TP Conc (µg/L)	53					

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

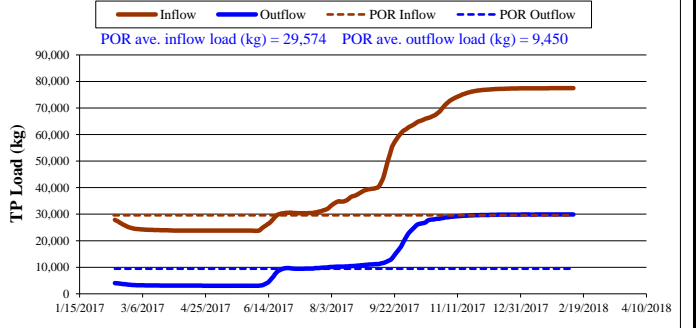
Flow-way 1	Flow-way 2	Flow-way 3	Flow-way 4	Flow-way 5	Flow-way 6	Flow-way 7	Flow-way 8
On-line	On-line	On-line	On-line	On-line	On-line	On-line	On-line



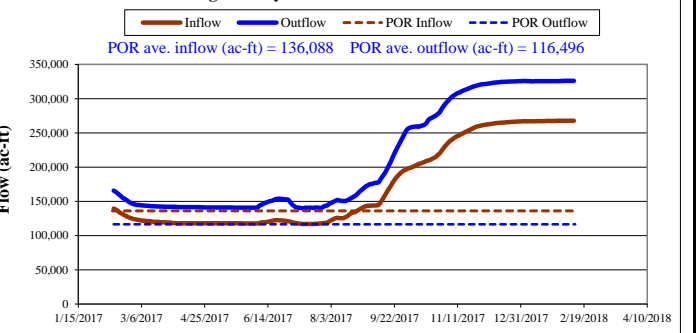
Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/2000 - 4/30/2016



Moving 365-day TP Loads - Entire STA POR: 5/1/2000 - 4/30/2016



Moving 365-day Flows - Entire STA POR: 5/1/2000 - 4/30/2016



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