

# WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-2

DATE 6/30/2025

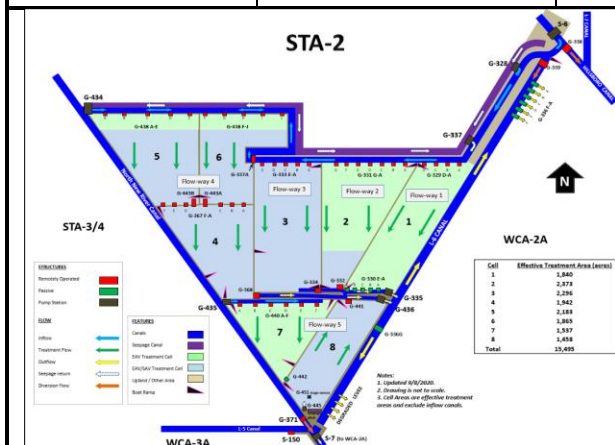
LATEST DATA

6/29/2025

WY2026 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 63	Outflow: 36	Entire STA	Flow-way 5	Flow-way 4	Flow-way 3	Flow-way 2	Flow-way 1
365-day Values	Inflow Volume (ac-ft)			206,996	23,915	33,850	54,573	47,908	38,214
	Inflow Load (kg)			21,172	1,539	3,133	6,336	5,040	3,658
	Inflow Flow-weighted Mean Conc (µg/L)			83	52	75	94	85	78
	Outflow Volume (ac-ft)			208,776	21,510	41,418	66,032	54,440	48,699
	Outflow Load (kg)			5,807	257	559	2,226	1,572	1,431
	Outflow Flow-weighted Mean Conc (µg/L)			23	10	11	27	23	24
365-day load reduction (kg)				15,364	1,282	2,574	4,109	3,468	2,227
28-day Values	Inflow Volume (ac-ft)			10,472	2,905	no flow	776	2,770	2,619
	Inflow Load (kg)			548	90	no flow	43	157	262
	Inflow Flow-weighted Mean Conc (µg/L)			42	25	no flow	44	46	81
	Outflow Volume (ac-ft)			8,777	1,781	140	no flow	3,896	4,756
	Outflow Load (kg)			603	23	3	no flow	107	79
	Outflow Flow-weighted Mean Conc (µg/L)			56	10	19	no flow	22	13
7-day Values	Inflow Volume (ac-ft)			1,481	no flow	no flow	28	154	305
	Inflow Flow-weighted Mean Conc (µg/L)			46	no flow	no flow	45	43	81
	Outflow Volume (ac-ft)			1,361	284	44	no flow	436	944
	Outflow Flow-weighted Mean Conc (µg/L)			14	9	20	no flow	22	12
365-day phosphorus loading rate (g/m <sup>2</sup> /yr)				0.4	0.1	0.1	N/A	0.5	0.5
6-month trend in outflow TP concentration (- means decrease; µg/L)				-4	0	-1	-16	-39	-24

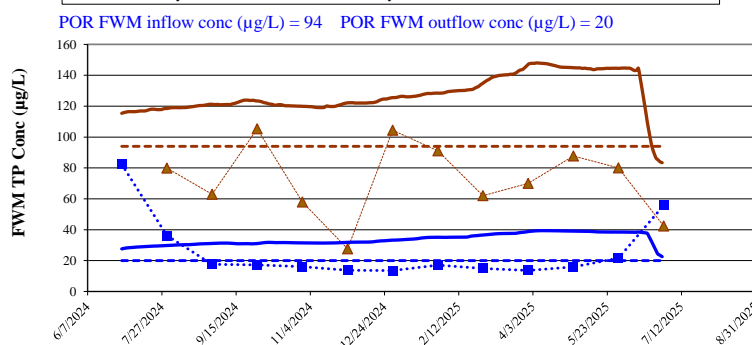
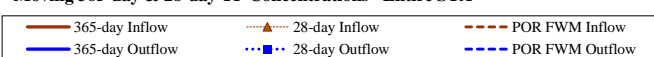
## Flow-Way Information (Research projects, stage-duration, vegetation, etc.)

Flow-way 5	Flow-way 4	Flow-way 3	Flow-way 2	Flow-way 1
On-line	On-line	Off-line	On-line	On-line
	On-line with restrictions for vegetation managements activities starting on 10/28/2019.	Off-line for post-drawdown vegetation grow-in effective 5/27/25.	On-line with restrictions for vegetation management activities starting on 08/14/2023.	On-line with restrictions for inflow canal dredging starting on 4/22/2025.



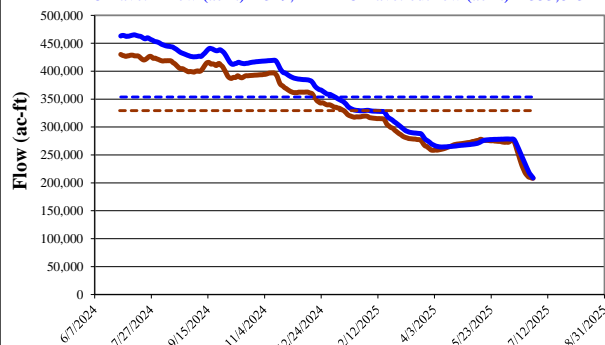
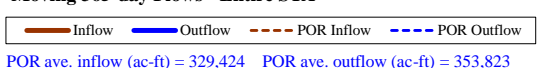
## Moving 365-day & 28-day TP Concentrations - Entire STA

POR: 5/1/2001 - 4/30/2024



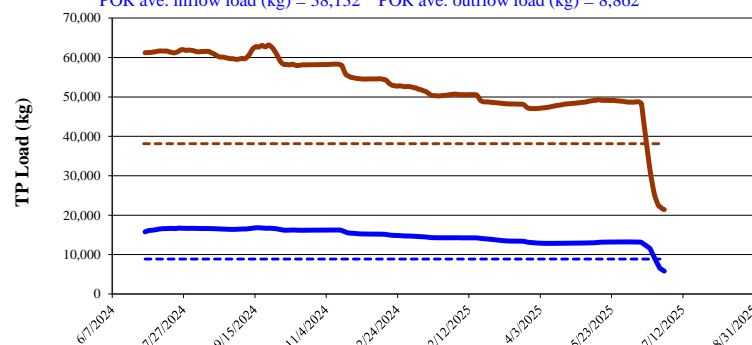
## Moving 365-day Flows - Entire STA

POR: 5/1/2001 - 4/30/2024



## Moving 365-day TP Loads - Entire STA

POR: 5/1/2001 - 4/30/2024



The data provided in this summary report were developed using a combination of provisional and quality-assured flow and water quality data. In some cases, best professional judgment was used to estimate missing data or revise questionable data. Values provided are not considered final, but are appropriate for use in STA operational decision-making. The PLRs being reported on the weekly sheets are adjusted to account for length of time and/or treatment area offline.

# WEEKLY STA PERFORMANCE SUMMARY

PROJECT STA-3/4

DATE 6/30/2025

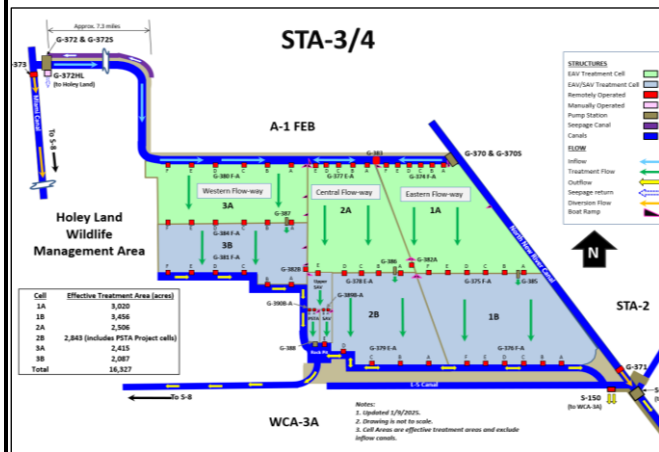
LATEST DATA

6/29/2025

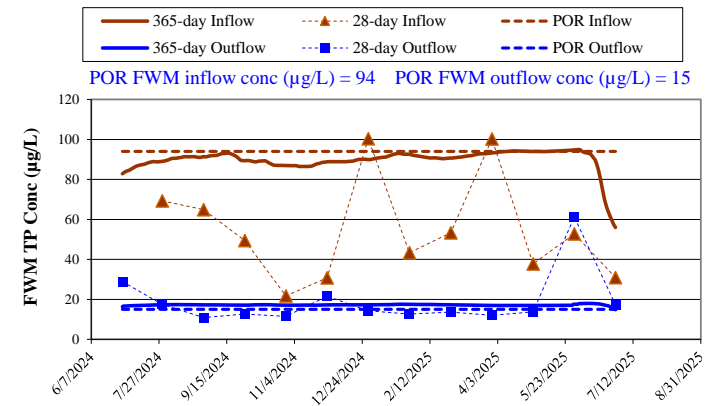
WY2026 to Date Flow-weighted Mean Conc (µg/L)		Inflow: 85	Outflow: 23	Entire STA	W Flow-way	C Flow-way	E Flow-way
365-day Values	Inflow Volume (ac-ft)			401,729	90,979	215,768	94,982
	Inflow Load (kg)			51,306	8,206	13,697	5,824
	Inflow Flow-weighted Mean Conc (µg/L)			104	73	51	50
	Outflow Volume (ac-ft)			404,300	104,605	194,635	105,060
	Outflow Load (kg)			7,394	3,352	2,765	1,277
	Outflow Flow-weighted Mean Conc (µg/L)			15	26	12	10
365-day load reduction (kg)				43,911	4,854	10,932	4,546
28-day Values	Inflow Volume (ac-ft)			37,429	7,068	30,342	20
	Inflow Load (kg)			4,181	350	1,076	1
	Inflow Flow-weighted Mean Conc (µg/L)			91	40	29	51
	Outflow Volume (ac-ft)			33,560	9,237	22,900	1,423
	Outflow Load (kg)			715	389	301	25
	Outflow Flow-weighted Mean Conc (µg/L)			17	34	11	14
7-day Values	Inflow Volume (ac-ft)			4,889	1,159	3,730	no flow
	Inflow Flow-weighted Mean Conc (µg/L)			44	41	24	no flow
	Outflow Volume (ac-ft)			6,624	1,629	4,441	555
	Outflow Flow-weighted Mean Conc (µg/L)			9	12	8	12
365-day Phosphorus Loading Rate (g/m <sup>2</sup> /yr)				0.8	0.5	0.6	0.2
6-month trend in outflow TP concentration (- means decrease; µg/L)				-2	-2	-1	-2

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

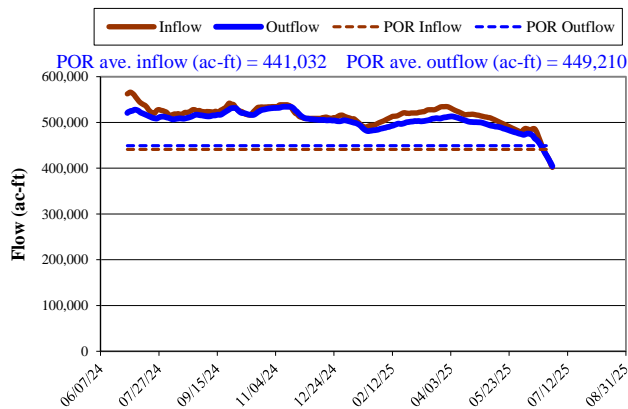
W Flow-way	C Flow-way	E Flow-way
On-line	On-line	On-line
		On-line with restrictions for vegetation management activities effective 8/29/2023.



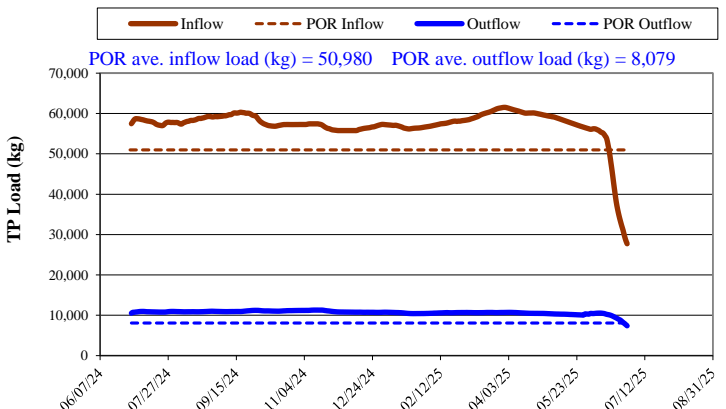
## Moving 365-day & 28-day TP Concentrations - Entire STA POR: 5/1/2004 - 4/30/2024



## Moving 365-day Flows - Entire STA POR: 5/1/2004 - 4/30/2024

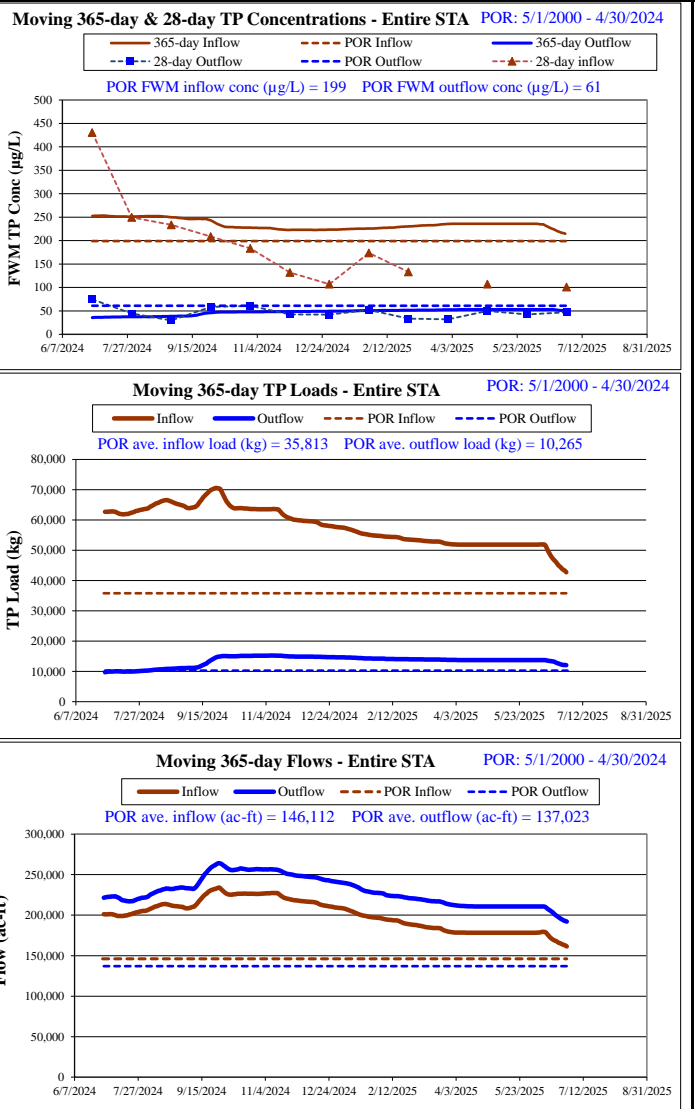
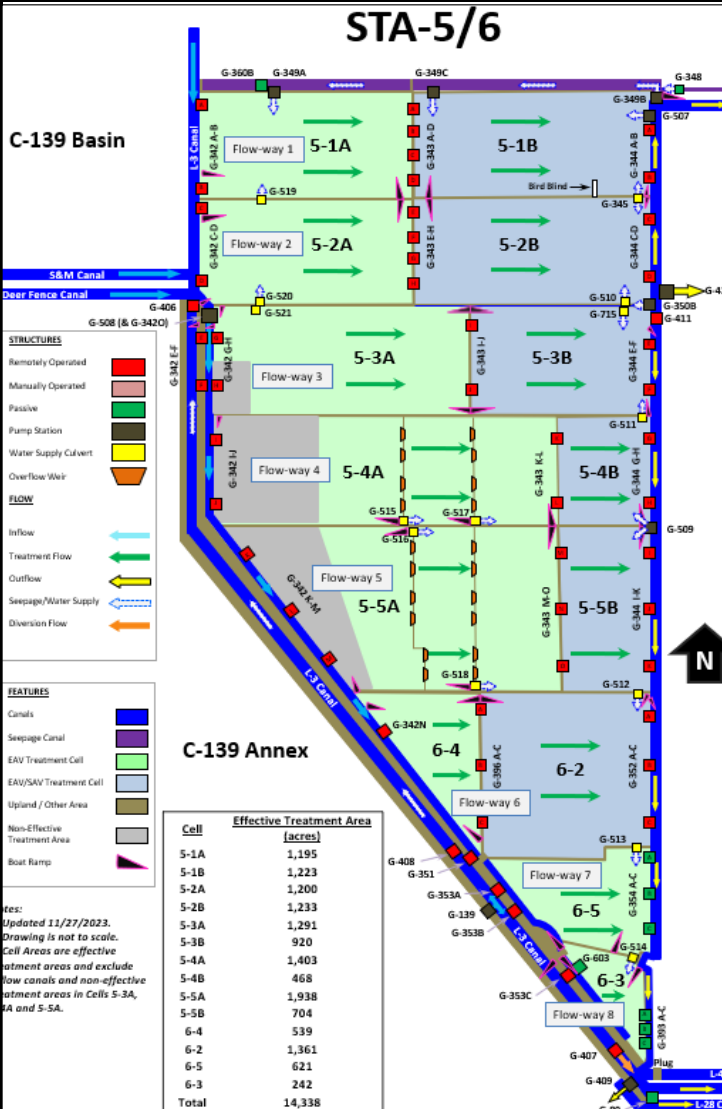


## Moving 365-day TP Loads - Entire STA POR: 5/1/2004 - 4/30/2024



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WEEKLY STA PERFORMANCE SUMMARY											
PROJECT STA-5/6			DATE 6/30/2025			LATEST DATA					6/29/2025
WY2026 to Date Flow-weighted Mean Conc (µg/L) Inflow: 96 Outflow: 48			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)		161,398	18,815	13,500	40,368	34,563	45,286	1,055	860	52
	Inflow Load (kg)		42,739	3,901	3,284	12,437	9,951	13,635	289	69	4
	Inflow Flow-weighted Mean Conc (µg/L)		215	168	197	250	233	244	222	65	62
	Outflow Volume (ac-ft)		192,079	20,345	15,780	49,105	41,213	56,630	5,782	2,917	307
	Outflow Load (kg)		12,045	350	1,034	2,413	2,570	5,334	202	130	12
	Outflow Flow-weighted Mean Conc (µg/L)		51	14	53	40	51	76	28	36	31
365-day load reduction (kg)			30,694	3,551	2,250	10,025	7,381	8,300	87	-61	-8
28-day Values	Inflow Volume (ac-ft)		121	121	no flow	no flow	no flow	no flow	no flow	no flow	11
	Inflow Load (kg)		15	15	no flow	no flow	no flow	no flow	no flow	no flow	1
	Inflow Flow-weighted Mean Conc (µg/L)		101	101	no flow	no flow	no flow	no flow	no flow	no flow	43
	Outflow Volume (ac-ft)		39	38	no flow	no flow	no flow	no flow	no flow	no flow	no flow
	Outflow Load (kg)		2	2	no flow	no flow	no flow	no flow	no flow	no flow	no flow
7-day Values	Outflow Flow-weighted Mean Conc (µg/L)		47	47	no flow	no flow	no flow	no flow	no flow	no flow	no flow
	Inflow Volume (ac-ft)		121	121	no flow	no flow	no flow	no flow	no flow	no flow	9
	Inflow Flow-weighted Mean Conc (µg/L)		101	101	no flow	no flow	no flow	no flow	no flow	no flow	41
	Outflow Volume (ac-ft)		no flow	no flow	no flow	no flow	no flow	no flow	no flow	no flow	no flow
	Outflow Flow-weighted Mean Conc (µg/L)		no flow	no flow	no flow	no flow	no flow	no flow	no flow	no flow	no flow
365-day phosphorus loading rate (g/m²/yr)			0.7	0.4	0.3	1.4	1.3	1.3	0.0	0.0	0.0
6-month trend in outflow TP concentration (- means decrease; µg/L)			2	-1	-5	0	1	9	-6	-1	2
Inflows to Rotenberg over the last 365 days			Volume (ac-ft)	16	TP Load (kg)	0	TP Conc (µg/L)	23			
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	On-line	On-line		



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