ELM Wa	ter Contro	l Stru	cture	Attribute	?5	Fr:	Cell_X Ce	ινΙ	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	in To		Cell_X Ce		CanalID	Calib 2.8 So7 Dcmp Dcmp Dcmp Dcmp Dcmp Alta AltB AltG Dcmp AltE	Structure loc UTM,NAD'27
ELM a ELM DecompA DecompA				00	00	Fr: To:				Required first header record. In WMM field, record the letter "a", space, model name, space, and the Alternative scenario name (records sorted on the ELM ID name)	500 -1 N E
WMM aaName ELM aaName	aa header	<u>TP</u>	<u>TS</u>	01	01	Fr: To:	CIEfr C		C-fr C-to	x x x x x x Required second header record, with column labels for ascii output	500 Dri
WMM ACME2 ELM ACME2	G-94D			WCA1	LEC	Fr: To:	1	1	12	X X X X X X Water supply releases from WCA-1 into ACME via G-94D.	500 1 N 2941725 E 572107
ELM ADDSLW	S-5S			WCA1	LEC	Fr: To:	1	1	11	x x x x x water supply releases to maintain LWDD canals from WCA-1 thru S-5AS	500 1 N 2951444 E 562929
WMM G204 ELM G204	G-204			Holey L	WCA3A	Fr: To:	101	82	32	X X X X X X One of 3 outflows from southern Holey Land into north WCA-3A (G-204, G-205, G-206). Historical flows are bad-use SFWMM v5.4 simulated flows in calibration.	500 1 × N 2912333 E 523480
WMM G205 ELM G205	G-205			Holey L	WCA3A	Fr: To:	111	82	32	X X X X X X One of 3 outflows from southern Holey Land into north WCA-3A (G-204, G-205, G-206) Historical flows bad-use SFWMM v5.4 simulated flows in calibration.	500 1 × N 2912405 E 528276
WMM G206 ELM G206	G-206			Holey L	WCA3A	Fr: To:	123	82	32	X X X X X X One of 3 outflows from southern Holey Land into north WCA-3A (G-204, G-205, G-206) Historical flows are bad-use SFWMM v5.4 simulated flows in calibration.	500 1 × N 2912482 E 534707
WMM G94A ELM G94A	G-94A			WCA1	LEC	Fr: To:	1	1	12	X X X X X X Water supply releases from WCA-1 into LWDD (Lake Worth Drainage District) via G-94A culvert. District) Via G-94A culvert.	500 1 × N 2918498 E 576330
WMM G94B ELM G94B	G-94B			WCA1	LEC	Fr: To:	1	1	12	X X X X X Water supply releases from WCA-1 into LWDD (Lake Worth Drainage District) via G-94B culvert. District) Via G-94B culvert.	500 1 × N 2918498 E 576330
WMM G94C ELM G94C	G-94C			WCA1	LEC	Fr: To:	1	1	12	X X X X X Water supply releases from WCA-1 into LWDD (Lake Worth Drainage District) via G-94C culvert.	500 1 X N 2918498 E 576330

ELM Wa	ater Contro	l Stru	ıcture	Attribut	es	Fr·	Cell_X Cell_	Y Can	allD	Click Alt button for structure list	
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	sin To		Cell_X Cell_		allD	Calib LOR Dcmp Dcmp Dcmp Dcmp Dcmp Alta AltB AltB Dcmp AltE UTM,NAL	
wmm HLYL4 elm HLYL4	S-140			Holey L	WCA3A	Fr: To:		_	32 60	Image: State Stat	512
wmm HLYNW elm HLYNW	HLYNW			Holey L	WCA3A	Fr: To:		_	32 18	Image: State of the state	
WMM HLYQIN ELM HLYQIN	G-200	92	0.13	EAA	Holey L	Fr: To:		1		Inflow into Holey from EAA-Miami basin runoff - assuming EAA runoff here, but can be LOK water (?). 1995-2004 historical TP at G-200 =92 ug/L (EAA Regional Feasibility Study, 2005) 500 1 N 2923 E 518	646
WMM L101OT ELM L101OT	G-300 G-301	_35_	0.13	EAA	WCA1	Fr: To:	1	1	1	Image: Second state sta	
WMM L28WQ ELM L28WQ	L28-Int	_56_	0.13	L28	WCA3A	Fr: To:	1	1)7	Image: State Stat	940
WMM NSIMP2 ELM NSIMP2	S-38B		0.13	LEC	WCA2A	Fr: To:		1		X X X X X X 500 1 One of two pump flows from North Springs Improvement District (NSIMP) into east WCA-2A. There is also a gated culvert in L-36 borrow, acts as divide between Hills &C14 basins. Related to S-38A, S39A. Hist TP from 1990-99. Historical flows bad-use SFWMM v5.4 500 1	
WMM NSIMP3 ELM NSIMP3	S-38B	_38_	0.13	LEC	WCA2A	Fr: To:		1		X X X X X X 500 1 One of two pump flows from North Springs Improvement District (NSIMP) into east WCA-2A. There is also a gated culvert in L-36 borrow, acts as divide between Hills &C14 basins. Related to S-38A, S39A. Hist TP from 1990-99. Historical flows bad-use SFWMM v5.4 500 1	
ELM ROTOL4	S-140			Rot	WCA3A	Fr: To:		_	64 60	Image: State of Alligator Alley in western WCA-3A. S140A = (ROTOL4+HLYL4+) ST3TL4+ST6TL4+S140FC). ROTOT1-3 == ROTTS8+RTTHLY +RTTSEM+RTTWCA+ROTOL4 Image: State of Alligator Alley in Western WCA-3A.	<u> </u>
WMM ROTTS8 ELM ROTTS8	S-8			Rot	WCA3A	Fr: To:	95 8	31 11	17	Rotenberger contribution to S-8 flows into spreader canal along south end Holey Land, S8=(ROTTS8+WLC354+ST3TS8+S8BPMR+WLES8) 500 1 ROTOT1-3 == ROTTS8+RTTHLY+RTTSEM+RTTWCA+ROTOL4 N 2912	
wmm RTTHLY elm RTTHLY	G-200			Rot	Holey L	Fr: To:	94 6	6	64	X X X X X X 500 1 Inflow into Holey from Rotenberger Tract N 2923 2923 1 ROTOT1-3 == ROTTS8+RTTHLY+RTTSEM+RTTWCA+ROTOL4 N 2923 1	

ELM Wa	ter Contro	l Structure	Attributes	Fr: Cell_X Cell_Y CanallD	Click Alt button for structure list	grid flag hist
Model ID	Name	TPCl (ppb)(ppt)	Basin From To	To: Cell_X Cell_Y CanallD	Calib 2.8 S07 Dcmp Dcmp Dcmp Dcmp Dcmp AltA AltB AltB AltG Dcmp AltE	Structure loc UTM,NAD'27
ELM RTTSEM	Rot-Sem		Rot LEC	Fr: 64 To: 1 1	Image: Second	500 1 N 2913402 E 516093
ELM RTTWCA	RTTWCA		Rot WCA3A	Fr: 64 To: 118	discharge from Rotenberger into Hydropattern restoration spreader canal along L4 (from NW corner of WCA-3A to location of S-8) ROTOT1-3 == ROTTS8+RTTHLY+RTTSEM+RTTWCA+ROTOL4	500 1 N 2913402 E 518093
WMM S10A ELM S10A	S-10A		WCA1 WCA2A	Fr: 14 To: 22	From Hillsboro Canal in WCA-1 to NE region of WCA-2A. S10-A,C,D similar. (SFWWM aggregates A,C,&D into 1 flow, RSM/ELM separates structures).	500 1 × N 2915509 E 568595
ELM S10C	S-10C		WCA1 WCA2A	Fr: 14 To: 21	From Hillsboro Canal in WCA-1 to NE region of WCA-2A. S10-A,C,D similar. (SFWWM aggregates A,C,&D into 1 flow, RSM/ELM separates structures).	500 1 × N 2916812 E 564597
ELM S10D	S-10D		WCA1 WCA2A	Fr: 14 To: 21	From Hillsboro Canal in WCA-1 to NE region of WCA-2A. S10-A,C,D similar. (SFWWM aggregates A,C,&D into 1 flow, RSM/ELM separates structures).	500 1 × N 2918674 E 561903
WMM S10E ELM S10E	S-10E		WCA1 WCA2A	Fr: 19 To: 165 52	x x x x x x From Hillsboro Canal in WCA-1 to northern tip of WCA-2A. Much smaller structure than other S-10s (A,C,D).	500 1 × N 2927215 E 555759
ELM S11A	S-11A		WCA2A WCA3A	Fr: 27 To: 30	From North New River Canal in SW WCA-2A into L-38W canal in NE WCA-3A. S-11-A,B,C similar. SFWWM aggregates A,B,&C into 1 flow, RSM/ELM separates structures.	500 1 × N 2895631 E 554989
ELM S11B	S-11B		WCA2A WCA3A	Fr: 27 To: 30	From North New River Canal in SW WCA-2A into L-38W canal in NE WCA-3A. S-11-A,B,C similar. SFWWM aggregates A,B,&C into 1 flow, RSM/ELM separates structures.	500 1 × N 2898537 E 554772
WMM S11C ELM S11C	S-11C		WCA2A WCA3A	Fr: 27 To: 30	From North New River Canal in SW WCA-2A into L-38W canal in NE WCA-3A. S-11-A,B,C similar. SFWWM aggregates A,B,&C into 1 flow, RSM/ELM separates structures.	500 1 × N 2901011 E 553772
WMM S12A ELM S12A	S-12A		WCA3A ENP	Fr: 53 To: 90 209	X X X X X X From L-29 borrow in southern WCA-3A into northern Everglades National Park (ENP). S-12 A,B,C,D similar.	500 1 X N 2849079 E 517939

ELM Wa	ater Contro	l Stru	cture	Attribute	9 5	Fr:	Cell_X (CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	in To		Cell_X C		CanalID	Calib 2.8 S07 CCB FWO Dcmp Dcmp Dcmp Dcmp AltB AltB AltB AltB AltB	Structure loc UTM,NAD'27
ELM S12B	S-12B			WCA3A	ENP	Fr: To:	100	209	53	Image: Second system Image: Second system <td< td=""><td>500 1 × N 2849118 E 523120</td></td<>	500 1 × N 2849118 E 523120
WMM S12C ELM S12C	S-12C			WCA3A	ENP	Fr: To:	109	209	53	X X X X X X From L-29 borrow in southern WCA-3A into northern Everglades National Park (ENP). S-12 A,B,C,D similar.	500 1 × N 2849126 E 527382
WMM S12D ELM S12D	S-12D			WCA3A	ENP	Fr: To:	117	209	53	X X X X X X From L-29 borrow in southern WCA-3A into northern Everglades National Park (ENP). S-12 A,B,C,D similar.	500 1 × N 2849136 E 531894
WMM \$140 ELM \$140	S-140			L28	WCA3A	Fr: To:	1	1	60	Image: State Stat	500 -1 × N 2894512 E 517266
WMM S140FC ELM S140FC	S-140	98	0.13	L28	WCA3A	Fr: To:	1	1	60	Flood control runoff from the C-139 Annex basin, routed down L-28, into small C-60 north of Alligator Alley in western WCA-3A. S140A = (ROTOL4+HLYL4+ ST3TL4+ST6TL4+S140FC). 1995-2004 historical TP at USSO =98 ug/L (EAA Regional Feasibility Study, 2005)	500 1 N 2894512 E 517266
WMM S142E ELM S142E	S-142E S-34			WCA3A	WCA2B	Fr: To:			30 29	XXXXXXFrom WCA-3A into NNRiver canal reach between S143 & S34; sources of this NNR reach are G-123 (south NNR), S-141 (2B), S-142E (3A), and S-143 (2A); outflows are S-34 (to south) and S-142W (to WCA-3A).NNRiver Canal does not exchange with 2B marsh, thus not part of basin	500 1 N 2893294 E 555053
WMM S142W ELM S142W	S-142W G-123			WCA2B	WCA3A	Fr: To:			29 30	xxxxxxFrom NNRivercanal reach between S143 & S34, into WCA-3A; sources of this NNR reach are G-123 (south NNR), S-141 (2B), S-142E (3A), and S-143 (2A); outflows are S-34 (to south) and S-142W (to WCA-3A).NNRiverCanal does not exchange with 2B marsh, thus not part of basin	500 1 N 2893294 E 555053
WMM S143 ELM S143	S-143			WCA2A	WCA2B	Fr: To:			27 29	xxxxxxFrom south WCA-2A into NNRiver canal reach above S-34 (which controls further down-canal flows); G-123 pumps north across S-34; S-141 is release from 2B above S-34); S-142 is in/out of 3A above S-34.NNRiver Canal does not exchange with 2B marsh, thus not part of basin	500 1 × N 2895631 E 554989
WMM S144 ELM S144	S-144			WCA2A	WCA2B	Fr: To:	174	108	24	x x x x x From L35B borrow in south WCA-2A into WCA2B (three identical structs, 144,145,146)	500 1 × N 2900000 E 560159
WMM S145 ELM S145	S-145			WCA2A	WCA2B	Fr: To:	181	107	24	From L35B borrow in south WCA-2A into WCA2B (three identical structs, 144,145,146)	500 1 X N 2900492 E 563348

ELM Wa	ater Contro	l Stru	ıcture	Attribut	es	Fr:	Cell_X C	ا v الم	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	in To		Cell_X C		CanalID	Calib 2.8 LOR S07 Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp AltB AltB AltB AltB	Structure loc UTM,NAD'27
ELM S146	S-146			WCA2A	WCA2B	Fr: To:	187	107	24	From L35B borrow in south WCA-2A into WCA2B (three identical structs, 144,145,146)	500 1 × N 2900608 E 566565
WMM S150 ELM S150	S-150			LOK	WCA3A	Fr: To:	1	1	39	x x x x x x From LOK (S-351) & EAA runoff from S-7/S-2 basin, combined flows into L-38W conveyance canal in NE WCA3A. (Inactive, but in Alt's list to verify flow sum): (WL3351+??) = S150 (at least in ECB,FWO). RSM ALTs: S150_NONLECWS + S150_LECWS = WL3351	500 -1 × N 2912670 E 545961
WMM S151 ELM S151	S-151			WCA3A	WCA3B	Fr: To:			47 63	X X X X X X Releases from miami canal at jucture of L-67A, flow into C304 (Mlami C) of 3B. S-151 is not split into two flows (WS and Reg.) for SFWMM calibration, and RSM does not split the flow.	500 1 N 2876874 E 549062
ELM S18C	S-18C	_20_	0.13	LEC	ENP	Fr: To:	1	1	62	XXXXXXFrom northern C-111E canal into lower C-111 canal (upstream of culverts/newly-degraded levee).S-197 downstream of the latter area historically controlled how much of this water flowed south into marsh vs. directly into Barnes Sound.Historical flows bad-use SFWMM v5.4	500 1 × N 2801105 E 547689
WMM \$\$\$197 ELM \$\$\$197	S-197			ENP	LEC	Fr: To:	1	1	62	X X X X X X From C-111 canal (reach containing culverts/newly-degraded levee, downstream of S-18C) to Barnes Sound. A A A	500 1 × N 2796805 E 556165
ELM S31	S-31			WCA3B	LEC	Fr: To:	1	1	63	X X X X X X From C304 (Miami Canal) in WCA-3B to C-6 (Miami Canal) in urban LEC. In SFWMM for future base/alts, S-31 split into 3 structs, plus S -337. RSM does not split S31	500 1 × N 2869273 E 556016
ELM S332A	S-332A			LEC	ENP	Fr: To:	1 148	1 246		This and other 332A-D structs are inflows into detention areas north of Taylor Slough, recycling seepage from the Park. (LOCATION? and historical concentration?)	500 1 N 2830000 E 547220
ELM S332B	S-332B		0.13	LEC	ENP	Fr: To:	1 142	1 255		x x x x x x This and other 332A-D structs are inflows into detention areas north of Taylor Slough, recycling seepage from the Park. Need TP inflow concentration(s).	500 1 N 2825920 E 544126
WMM S332BN ELM S332BN	S-332B	_15_	0.13	LEC	ENP	Fr: To:	1	1 255		This and other 332A-D structs are inflows into detention areas north of Taylor Slough, recycling seepage from the Park. Don't know what the "BN" represents in sfwmm. Need TP inflow concentration(s).	500 1 N 2825920 E 544126
WMM S332C ELM S332C	S-332C	_15_	0.13	LEC	ENP	Fr: To:	1	1 262		X X X X X X This and other 332A-D structs are inflows into detention areas north of Taylor Slough, recycling seepage from the Park. Need TP inflow concentration(s).	500 1 N 2822111 E 544604

ELM Wa	ater Contro	l Stru	ıcture	Attribute	es	Fr	Cell_X C		CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas i From	in To		Cell_X C		CanalID	Calib LOR Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp Alta 2.8 S07 ECB FWO Alta AltB Alta Dcmp Alta	Structure loc UTM,NAD'27
WMM S332D ELM S332D	S-332D		0.13	LEC	ENP	Fr: To:	1 142	1 268		Image: Construct to the struct str	500 1 N 2819426 E 544004
WMM S333 ELM S333	S-333			WCA3A	ENP	Fr: To:			47 54	X X X X X X From L-29/L-67 in WCA-3-A to L-29 canal in NE ENP (below WCA-3B), no levee on south side L-29 below WCA-3B See also S-334, S-337	500 1 × N 2849692 E 532757
WMM S334 ELM S334	S-334			ENP	LEC	Fr: To:	1	1	54	x x x x x x From L-29 borrow in NE ENP to L-31N borrow of LEC upstream of G -211 (but there is some recycling, see S-356A&B). RSM does not split this into two (regular, and FC)	500 1 × N 2849161 E 549918
wmm <mark>S337</mark> elm S337	S-337			WCA3B	LEC	Fr: To:	1	1	63	XXXXXXFrom Miami Canal (C304) in WCA-3B into L-30 canal of LEC. See also S-31 - we've put both structures in same phys location, but S-337 is more south actually. RSM does not split into regular and FC	500 1 × N 2869273 E 556016
WMM S34 ELM S34	S-34			WCA2B	LEC	Fr: To:	1	1	29	XXXXXXFrom NNRiver reach segment between S143 and S34, to LEC; sources of this segment of NNR are G-123 (pumps from S to N of S-34), S-141 (2B), S-142E (3A), and S-143 (2A); other outflow is S-142W	500 1 × N 2892282 E 555751
WMM S343A ELM S343A	S-343A			WCA3A	ENP	Fr: To:	82	203	53	From SW corner of WCA-3A into Tamiami Canal in loop road area of ENP, via sum of S-343A and S-343B (S343T name ==v2.1 name S343, but flow is diff). Historical flows bad-use SFWMM v5.4 simulated flows in calibration. RSM splits into 2 separate structures, done here.	500 1 × N 2852537 E 515067
WMM S343B ELM S343B	S-343B			WCA3A	ENP	Fr: To:	82	203	53	From SW corner of WCA-3A into Tamiami Canal in loop road area of ENP, via sum of S-343A and S-343B (S343T name ==v2.1 name S343, but flow is diff). Historical flows bad-use SFWMM v5.4 simulated flows in calibration. RSM splits into 2 separate structures, done here.	500 1 × N 2852537 E 515067
WMM S344 ELM S344	S-344			WCA3A	BCY	Fr: To:			36 37	XXXXXXFrom borrow in L28 that is on east of levee in SW WCA-3A to borrow of that levee on west side in Big Cypress (i.e., borrow switches sides)See also S-343A&B. Historical flows bad-use SFWMM v5.4 simulated flows in calibration.	500 1 × N 2868149 E 516717
WMM S345A ELM S345A	S-345A			WCA3A	WCA3B	Fr: To:	138	180	47	One of three flows from L-67A borrow into cells of 3B.	500 1 N 2864051 E 540680
WMM S345B ELM S345B	S-345B			WCA3A	WCA3B	Fr: To:	132	189	47	One of three flows from L-67A borrow into cells of 3B.	500 1 N 2859749 E 537549

ELM Wa	ter Contro	l Struc	cture	Attribute	es	Fr:	Cell_X C	ei v I	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	in To		Cell_X C		CanalID	Calib LOR Dcmp Dcmp Dcmp Dcmp Dcmp Alta Alta Alta Alta Alta	Structure loc UTM,NAD'27
WMM S345C	S-345C			WCA3A	WCA3B	Fr:			47	One of three flows from L-67A borrow into cells of 3B.	500 1 N 2856583
ELM S345C	0 0430	—		T C/ IC/ I		To:	127	196			E 535643
WMM S355A	S-355A			WCA3B	ENP	Fr:	136	207		From 3B into Tamiami Canal, L29, south of 3B. RSM simulates S355A and S355B separately	500 1 N 2849136
ELM S355A						To:			54		E 540934
WMM S355B	S-355B			WCA3B	ENP	Fr:	144	207		From 3B into Tamiami Canal, L29, south of 3B. RSM simulates S355A and S355B separately	500 1 N 2849136
ELM S355B						To:			54		E 544737
WMM S356	S-356	20	0.13	LEC	ENP	Fr:	1	1		From L-31N of LEC into L29 - generally assumed to take seepage water and pump back into ENP	500 1 N 2849161
ELM S356						To:			54	Need TP inflow concentration(s).	E 549918
WMM S38	S-38			WCA2A	LEC	Fr:			24	X X X X X From L-38 canal in SE WCA-2A into C-14 canal of LEC (see also S-38A, D)	500 1 × N 2901181
ELM S38	S-38A	—				To:	1	1		D)	E 570113
WMM S39	S-39			WCA1	LEC	Fr:			14	X X X X X From Hillsboro Canal (actually, perimeter canal in general) in SE WCA	500 1 × N 2915086
ELM S39	S-39A	—			220	To:	1	1		-1 into Hillsboro Canal reach in LEC.	E 570093
WMM S5AWC1	S-5S	184	0.13	LOK	WCA1	Fr:	1	1		X X X X X Water supply from S352 of LOK, bypasses STA-1W &E. With the new	500 1 N 2951444
ELM S5AWC1	3-33		0.13	LOK	WOAT	To:			11	L101 levee at N tip of WCA1, this actually passes into impoundment, & excess is passed into WCA instead of STA(s). 1995-2004 historical TP at S352 =184 ug/L (EAA Regional Feasibility Study, 2005)	E 562629
WMM S6LCWS	<u> </u>			LOK	WCA1	Fr:	1	1		X X X X X Water supply from LOK S351 & EAA that by-passes STA-2 into Hillsboro	500 -1 N 2927874
ELM S6LCWS	S-6	—		LOK	WCAT	To:			19	Canal, intended destination is LEC (Inactive, but in Alt's list to verify flow sum): S6LCWS = (WL2351+WLES6) RSM: S6_LECWS	E 555265
WMM S7BPMR		ا	0.10			Fr:	1	1		EAA S-7/S-2 basin runoff, bypassing STA3/4, and is contribution to S-7	500 1 N 2912764
ELM S7BPMR	S-7	85	0.13	EAA	WCA2A	To:			27	inflow into WCA-2A North New River Canal ST3TS7+WL1351+S7BPMR+WLES7) = S7. 1995-2004 historical TP =85 ug/L (EAA Regional Feasibility Study, 2005)	E 546237
WMM S8						Fr:	1	1		Total S-8 flow from EAA Miami Canal reach to WCA3A Miami Canal	500 -1 ×
ELM S8	S-8		—	EAA	WCA3A	To:			41	reach, or to Hydropattern Restoration spreader in northern WCA-3A.	N 2912300 E 522537

ELM Wat	ter Contro	l Stru	ıcture	Attribut	es	Fr-	Cell_X Cell_Y	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	sin To		Cell_X Cell_Y	CanalID	Calib 2.8 LOR S07 ECB FWO AltA AltB AltB Comp AltA AltB	Structure loc UTM,NAD'27
ELM S8BPMR	S-8	_82_	0.13	EAA	WCA3A	Fr: To:	1 1	117	EAA S-8/S-3 basin runoff, bypassing STA3/4, and is contribution to S-8 flows into spreader canal along south end Holey Land, S8=(ROTTS8+WLC354+ST3TS8+S8BPMR+WLES8). 1995-2004 historical TP = 82 ug/L (EAA Regional Feasibility Study, 2005)	500 1 N 2912300 E 522537
wmm ^{S9} _{ELM} S9	S-9		0.13	LEC	WCA3A	Fr: To:	1 1	45	x x x x x x Inflow into 3a from S9 basin of LEC. 2004-10 historical TP = 17 ug/L (DBHYDRO) 17 ug/L 10 historical TP = 17 ug/L	500 1 × N 2882407 E 555654
WMM S9A	S-9		0.13	LEC	WCA3A	Fr: To:	1 1	45	x x x x x Inflow into 3a from S9 basin of LEC. 2004-10 historical TP = 14 ug/L (DBHYDRO)	500 1 × N 2882407 E 555654
WMM STIEEO	G-362		0.13	STA	WCA1	Fr: To:	1 1	12	x x x x x x Pump flow from STA-1E into WCA-1 Germain etal 2011 SFER: 1994-2010 FWMean TP=64 ug/L	500 1 N 2947089 E 565158
WMM ST1EWO	G-362		0.13	STA	WCA1	Fr: To:	1 1	12	Image: Second state state Image: Second state state Image: Second state Image: S	500 1 N 2947089 E 565158
WMM ST1WQ1	S-310		0.13	STA	WCA1	Fr: To:	1 1	11	x x x x x x Pump flow from STA-1W into WCA-1 Germain etal 2011 SFER: 1994-2010 FWMean TP=53 ug/L Image: Comparison of the second seco	500 1 N 2947089 E 559164
ELM ST2BYP	G-335	99	0.13	EAA	WCA2A	Fr: To:	1 1	15	Image: Second system Image: Second system <td< td=""><td>500 1 N 2919559 E 550433</td></td<>	500 1 N 2919559 E 550433
ELM ST3TL4	S-140	_10	0.13	STA	WCA3A	Fr: To:	1 1	60	Portion of STA 3/4 outflow routed down L-28, into small C-60 north of Alligator Alley in western WCA-3A. S140A = (ROTOL4+HLYL4+ ST3TL4 +ST6TL4+S140FC). Germain etal 2011 SFER: 1994-2010 FWMean TP=18 ug/L; Kui 2004-10 = 20 ug/L	500 1 N 2894512 E 517266
wmm ST3TNW elm ST3TNW	ST3TNW		0.13	STA	WCA3A	Fr: To:	1 1	118	discharge from STA3/4 into spreader canal south of Rotenberger, in NW corner of WCA-3A. Germain etal 2011 SFER: 1994-2010 FWMean TP=18 ug/L; Kui 2004-10 = 20 ug/L	500 1 N 2912255 E 516973
WMM ST3TS7 ELM ST3TS7	S-7		0.13	STA	WCA2A	Fr: To:	1 1	27	X X X X X X STA 3/4 contribution to S-7 inflow into WCA-2A North New River Canal (ST3TS7+WL1351+S7BPMR+WLES7) = S7 S7+WL1351+S7BPMR+WLES7) = S7 Germain etal 2011 SFER: 1994-2010 FWMean TP=18 ug/L; Kui 2004 -10 = 20 ug/L	500 1 N 2912764 E 546238

ELM Wat	ter Contro	l Stru	ıcture	Attribut	es	Fr:	Cell_X Cell_	Y Cana		Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	sin To		Cell_X Cell_	_		Calib LOR Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp AltB AltB AltB AltB	Structure loc UTM,NAD'27
ELM ST3TS8	S-8	_10	0.13	STA_2	WCA3A	Fr: To:	1	1		STA 3/4 contribution to S-8 flows into spreader canal along south end Holey Land. S8=(ROTTS8+WLC354+ST3TS8+S8BPMR+WLES8) Germain etal 2011 SFER: 1994-2010 FWMean TP=18 ug/L; Kui 2004 -10 = 20 ug/L	500 1 N 2912300 E 522537
ELM ST5OT1	G-344	_10_	0.13	STA	Rot	Fr: To:	1	1 64	4	xxxxxxInflow intoRotenberger Tract from STA-5 into the NW corner of Rotenberger. ST5OT1 = ST5TM+ST5TCL (to-marsh and to-north-canal, but we don't do this split). Germain etal 2011 SFER: 1994-2010 FWMean TP=96 ug/L; Kui 2004-10 = 87 ug/L	500 1 N 2923985 E 512325
ELM ST50T2	G-344		0.13	STA	WCA3A	Fr: To:	1	1		discharge from STA5 into Hydropattern restoration spreader canal along L4 (from NW corner of WCA-3A to location of S-8) Germain etal 2011 SFER: 1994-2010 FWMean TP=96 ug/L; Kui 2004-10 = 87 ug/L	500 1 N 2923985 E 512325
ELM ST6TL4	S-140		0.13	STA	WCA3A	Fr: To:	1	1)	X X X X X X Portion of STA 6 outflow routed down L-28, into small C-60 north of Alligator Alley in western WCA-3A. Struct moved in CERP. S140A = (ROTOL4+HLYL4+ ST3TL4+ST6TL4+S140FC). Germain etal 2011 SFER: 1994-2010 FWMean TP=35 ug/L; Kui 2004	500 1 N 2894512 E 517266
WMM ST6WCA	G-607		0.13	STA	WCA3A	Fr: To:	1	1		discharge from STA6 into Hydropattern restoration spreader canal along L4 (from NW corner of WCA-3A to location of S-8) Germain etal 2011 SFER: 1994-2010 FWMean TP=35 ug/L; Kui 2004 -10 = 54 ug/L	500 1 N 2912255 E 516973
WMM STA2BO	G-335		0.13	STA	WCA2A	Fr: To:	1	1		STA2 outflow into NW WCA-2A Germain etal 2011 SFER: 1994-2010 FWMean TP=23 ug/L	500 1 N 2919559 E 550433
WMM STA2EO	G-335		0.13	STA	WCA2A	Fr: To:	1	1		X X X X X STA2 outflow into NW WCA-2A Germain etal 2011 SFER: 1994-2010 FWMean TP=23 ug/L	500 1 N 2919559 E 550433
WMM STA2MO	G-335		0.13	STA	WCA2A	Fr: To:	1	1		x x x x x x STA2 outflow into NW WCA-2A Germain etal 2011 SFER: 1994-2010 FWMean TP=23 ug/L	500 1 N 2919559 E 550433
WMM E1 E1 ELM TTBRIDG E1	TTbridge1			ENP	ENP	Fr: To:	147 20	54 09		One of 4 (4 structure flows in RSM) flows under the Tamiami Trail 1-mile Bridge from Tamiami Canal (L29) into ENP marsh. While the 4 RSM cells span almost 3 miles, we put into 4 adjacent cells (length 2 km, or 1.2 mi)	500 1 N 2849046 E 546706
WMM TTBRIDG E2 ELM TTBRIDG E2	TTbridge2			ENP	ENP	Fr: To:	148 20	54)9		One of 4 (4 structure flows in RSM) flows under the Tamiami Trail 1-mile Bridge from Tamiami Canal (L29) into ENP marsh. While the 4 RSM cells span almost 3 miles, we put into 4 adjacent cells (length 2 km, or 1.2 mi)	500 1 N 2849046 E 547206

ELM Wa	ter Contro	l Stru	cture	Attribute	s	Fr:	Cell_X C	ا v الم	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Basi From	n To		Cell_X C		CanalID	Calib 2.8 LOR S07 Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp AltB AltG Dcmp AltE	Structure loc UTM,NAD'27
ELM TTBRIDG E3 ELM TTBRIDG E3	TTbridge3			ENP	ENP	Fr: To:	149	209	54	One of 4 (4 structure flows in RSM) flows under the Tamiami Trail 1-mile Bridge from Tamiami Canal (L29) into ENP marsh. While the 4 RSM cells span almost 3 miles, we put into 4 adjacent cells (length 2 km, or 1.2 mi)	500 1 N 2849046 E 547700
WMM E4 ELM TTBRIDG E4	TTbridge4			ENP	ENP	Fr: To:	150	209	54	One of 4 (4 structure flows in RSM) flows under the Tamiami Trail 1-mile Bridge from Tamiami Canal (L29) into ENP marsh. While the 4 RSM cells span almost 3 miles, we put into 4 adjacent cells (length 2 km, or 1.2 mi)	500 1 N 2849046 E 548113
WMM TTCULV 1 ELM TTCULV	TTculv1			ENP	ENP	Fr: To:	121	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 533505
WMM TTCULV 2 ELM TTCULV 2	TTculv2			ENP	ENP	Fr: To:	125	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 535415
WMM TTCULV 3 ELM TTCULV 3	TTculv3			ENP	ENP	Fr: To:	129	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 537428
WMM TTCULV 4 ELM TTCULV 4	TTculv4			ENP	ENP	Fr: To:	135	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 540456
WMM TTCULV 5 ELM TTCULV 5	TTculv5			ENP	ENP	Fr: To:	139	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 542440
WMM TTCULV 6 ELM TTCULV 6	TTculv6			ENP	ENP	Fr: To:	145	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 545483
WMM TTCULV 7 ELM TTCULV 7	TTculv7			ENP	ENP	Fr: To:	149	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 547452
WMM TTCULV 8 ELM TTCULV 8	TTculv8			ENP	ENP	Fr: To:	153	209	54	One of 8 (19 in real world, 8 structure flows in RSM) culvert flows from Tamiami Canal (L29) into ENP marsh. Could partition these 8 into 16, but does not appear necessary to add that complexity.	500 1 N 2849046 E 549496

ELM Wa	ater Contro	l Stru	cture	Attribute	<i>es</i>	Fr:	Cell_X Cell_Y	CanallD	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	in To		Cell_X Cell_Y	CanalID	Calib 2.8 S07 Dcmp Dcmp Dcmp Dcmp Dcmp Alta Comp Alta Comp Alta Alta Comp Alta Alta Alta Alta Alta Comp Al	Structure loc UTM,NAD'27
ELM VS_H1	VS_H1			Holey L	EAA	Fr: To:	1 1	31	Land, via northern borrow	500 -1 N 2923917 E 530375
WMM	VS1_06			WCA1	WCA1	Fr: To:		11 19	x x x x x x A virtual structure linking a reach of the rim canal of west WCA1 to the western reach segment of Hillsboro (in rim of WCA1)	500 0 N 2929328 E 555305
WMM ELM VS1_07	VS1_07			WCA1	WCA1	Fr: To:		19 14	X X X X X A virtual structure linking two reaches of Hillsboro canal Image: Comparison of Hillsboro canal Image: Comparison of Hillsboro canal	500 0 N 2921600 E 559800
ELM VS1_07b	VS1_07b			WCA1	WCA1	Fr: To:		11 12	x x x x x x A virtual structure linking two reaches of L-40 canal	500 0 N 2943926 E 569278
ELM VS1_09	VS1_09			WCA1	WCA1	Fr: To:		12 14	reach with eastern reach of Hillsboro	500 0 N 2915745 E 570851
WMM	VS2A1			WCA2A	LEC	Fr: To:	1 1	25	eastern wCA-2A boundary	500 -1 N 2901120 E 570257
WMM ELM VS2A2	VS2A2			WCA2A	LEC	Fr: To:	1 1	10	western wCA-2A boundary	500 -1 N 2913764 E 546237
ELM VS2A4	VS2A4			WCA2A	WCA2A	Fr: To:		21 22		500 0 N 2915855 E 567481
WMM ELM VS2A5	VS2A5			WCA2A	WCA2A	Fr: To:		22 23		500 0 N 2911466 E 570068
WMM	VS2A6			WCA2A	WCA2A	Fr: To:		23 24		500 0 N 2901521 E 570057

ELM Wa	ater Contro	l Stru	cture	Attributes		Fr-	Cell_X Cell_Y	CanallD	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Basin From T	ō		Cell_X Cell_Y	CanalID	Calib 2.8 S07 Dcmp Dcmp Dcmp Dcmp Dcmp AltB AltG Dcmp AltE	Structure loc UTM,NAD'27
WMM ELM VS2B1	VS2B1			WCA2B L	EC.	Fr: To:	1 1	28	X X X X X A variation on use of virtual structures for seepage control outside WCA2B , via L35A borrow	500 -1 N 2889849 E 563389
ELM VS2B2	VS2B2			WCA2B L	EC.	Fr: To:	1 1	70	x x x x x x A variation on use of virtual structures for seepage control outside WCA2B , via L35A borrow	500 -1 N 2896677 E 570125
ELM VS3A1	VS3A1			WCA3A WC	САЗА	Fr: To:		39 30	x x x x x x A virtual structure linking reaches of L38 borrow along NE 3A	500 0 N 2901664 E 553700
WMM ELM VS3A2	VS3A2			WCA3A WC	САЗА	Fr: To:		30 46	X X X X X X X X A virtual structure linking reaches of L38 borrow and L-68A borrow along NE 3A	500 0 N 2892240 E 555724
WMM ELM VS3A3	VS3A3			WCАЗА WC	САЗА	Fr: To:		46 47	X X X X X X A virtual structure linking reaches of L-68A & L-67A borrows.	500 0 N 2877072 E 548936
ELM VS3A6	VS3A6			WCA3A WC	САЗА	Fr: To:		47 53	x x x x x A virtual structure linking reaches of L-67A and L-29 borrow.	500 0 N 2849632 E 532611
WMM ELM VS3B1	VS3B1			WCA3B L	EC	Fr: To:	1 1	66	x x x x x x A variation on use of virtual structures for seepage control outside WCA3B , via L37 WCA3B , via L37	500 0 N 2882413 E 555646
WMM ELM VS3B2	VS3B2			WCA3B L	EC	Fr: To:	1 1	50	X X X X X X A variation on use of virtual structures for seepage control outside WCA3B , via L33	500 0 N 2876413 E 556098
WMM ELM VS3B3	VS3B3			WCA3B L	EC	Fr: To:	1 1	51	X X X X X X X X X A variation on use of virtual structures for seepage control outside WCA3B , via L30	500 0 N 2850807 E 551845
WMM ELM VS3B4	VS3B4			WCA3B L	EC	Fr: To:	1 1	71	X X X X X A variation on use of virtual structures for seepage control outside WCA3B , via L30	500 0 N 2863423 E 551310

ELM Wa	ater Contro	l Structure	Attributes	Fr: C	ell_X Cell_Y	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TPCI (ppb)(ppt)	Basin From To		ell_X Cell_Y	CanalID	Calib LOR Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp Alta AltB AltB AltB AltB	Structure loc UTM,NAD'27
ELM VSbr01	VSbr01		WCA3A WCA3A	Fr: To:	96 119 96 121		X X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 0 N 2893317 E 521178
ELM VSbr02	VSbr02		WCA3A WCA3A	Fr: To:	103 119 103 122		x x x x x A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 0 N 2892822 E 524440
ELM VSbr03	VSbr03		WCA3A WCA3A	Fr: To:	109 121 109 123		X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 -1 N 2892242 E 527602
ELM VSbr04	VSbr04		WCA3A WCA3A	Fr: To:	115 121 115 124		X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 0 N 2891942 E 530666
WMM ELM VSbr05	VSbr05		WCA3A WCA3A	Fr: To:	120 123 120 125		X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 -1 N 2891942 E 533128
ELM VSbr06	VSbr06		WCA3A WCA3A	Fr: To:	135 123 135 125		x x x x x A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 0 N 2891942 E 540550
WMM ELM VSbr07	VSbr07		WCA3A WCA3A	Fr: To:	143 123 143 125		X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 -1 N 2891965 E 544503
WMM ELM VSbr08	VSbr08		WCA3A WCA3A	Fr: To:	146 123 146 125		X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 0 N 2891965 E 546085
WMM ELM VSbr09	VSbr09		WCA3A WCA3A	Fr: To:	150 123 150 125		X X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 -1 N 2891965 E 547765
WMM	VSbr10		WCA3A WCA3A	Fr: To:	153 123 153 125		X X X X X A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 0 N 2891965 E 549346

ELM W	cture	Attribute	<i>es</i>	Er:	Cell_X C	L V I	CanalID	Click Alt button for structure list	grid flag hist		
Model ID	Name	TP (ppb)	CI (ppt)	Bas From	in To		Cell_X C		CanalID	Calib 2.8 S07 Dcmp Dcmp Dcmp Dcmp Dcmp AltA AltB AltB AltG Dcmp AltE	Structure loc UTM,NAD'27
ELM VSbr11	VSbr11			WCA3A	WCA3A	Fr: To:	156 156	123 125		x x x x x A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 -1 N 2891965 E 550928
ELM VSbr12	VSbr12			WCA3A	WCA3A	Fr: To:	159 159	123 125		x x x x x x A virtual structure allowing (Manning's) flow under bridge of Alligator Alley	500 0 N 2891978 E 552410
ELM VSENP1	VSENP1			ENP	LEC	Fr: To:	1	1	52	X X X X X X A variation on use of virtual structures for seepage control outside north ENP, via L31N ENP Variation of the set o	500 0 N 2837709 E 550365
WMM ELM VSENP2	VSENP2			ENP	LEC	Fr: To:	1	1	61	x x x x x x A variation on use of virtual structures for seepage control outside north ENP, via southern part of L31N ENP Control outside north L31N	500 0 N 2816518 E 542612
WMM ELM VSENP4	VSENP4			ENP	LEC	Fr: To:	1	1	76	X X X X X X A variation on use of virtual structures for seepage control outside south ENP near Frog Pond, via upper part of ELM's C-111 C-111	500 0 N 2809253 E 544570
ELM VSt_ABC Ri	VSt_ABCRi			ENP	ENP	Fr: To:			116 115	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between Alligator Bay (AB) & Chatham River (CRi)	500 0 N 2845710 E 478223
ELM VSt_ABC Ri1	VSt_ABCRi 1			ENP	TIDE	Fr: To:	1	1	115	XXXXXXVirtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions, Gulf of Mexico via Alligator Bay (AB) & Chatham River (CRi); 1 of 2 uni-directional flows at this virtual structure (outflow)	500 0 N 2850000 E 474914
ELM VSt_ABC Ri2	VSt_ABCRi 2		15	TIDE	ENP	Fr: To:	1	1	115	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions, Gulf of Mexico via Alligator Bay (AB) & Chatham River (CRi); 1 of 2 uni-directional flows at this virtual structure (inflow)	500 0 N 2850000 E 474914
WMM ELM VSt_ABL Ri	VSt_ABLRi			ENP	ENP	Fr: To:			113 112	X X X X X X Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the estuarine bays south of Alligator Bay (AB) and the Lostmans River (LRi)	500 0 N 2830023 E 486932
WMM	VSt_BRi			ENP	ENP	Fr: To:			111 110	X X X X X X Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the eastern portion of the Broad River (BRi) and western portion of the Broad River (BRi)	500 0 N 2820226 E 494252

ELM W	ater Contro	l Stru	icture	Attribute	s	Fr: Cell_X Cell_Y	CanalID	Click Alt button for structure list	
Model ID	Name	TP (ppb)	CI (ppt)	Basi From	n To	To: Cell_X Cell_Y	CanallD	Calib 2.8 S07 Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp Alta Alta Dcmp Alta Dcmp Alta Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp Dcmp	
WMM ELM VSt_BRi GM	VSt_BRiGM			ENP	ENP	Fr: To:	110 105	X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the western portion of the Broad River (BRi) and the Gulf of Mexico (GM) boundary reach in vicinity of the Broad and Lostmans Rivers 500 0	
WMM ELM VSt_HRi	VSt_HRi			ENP	ENP	Fr: To:	109 108	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the eastern portion of the Harney River (HRi) and the western portion of the Harney River (HRi) 500 0 N 281102 E 50001	
WMM ELM VSt_HRi GM	VSt_HRiGM			ENP	ENP	Fr: To:	108 104	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the western portion of the Harney River (HRi) and the Gulf of Mexico (GM) boundary reach in the vicinity of the Shark and Harney Rivers 500 0	
ELM VSt_LBL Ri	VSt_LBLRi			ENP	ENP	Fr: To:	114 112	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the estuarine bays near Big Lostmans Bay (LB) and the Lostmans River (LRi) 500 0 N 283002	
WMM ELM VSt_LRi GM	VSt_LRiGM			ENP	ENP	Fr: To:	112 105	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the western portion of the Lostmans River (LRi) and the Gulf of Mexico (GM) boundary reach in vicinity of the Broad and Lostmans Rivers 500 0	
WMM ELM VSt_SRi	VSt_SRi			ENP	ENP	Fr: To:	106 107	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the eastern portion of the Shark River (SRi) and the western portion of the Shark River (SRi) 500 0 1	
WMM ELM VSt_SRi GM	VSt_SRiGM			ENP	ENP	Fr: To:	106 104	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the western portion of the Shark River (SRi) and the Gulf of Mexico (GM) boundary reach in the vicinity of the Shark and Harney Rivers 500 0	
WMM ELM VSt_TRiF B	VSt_TRiFB			ENP	ENP	Fr: To:	99 100	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing physical connection between the Taylor River (TRi) and the eastern Florida Bay boundary reach N 278498 E 53465	
WMM ELM VStFB_C 1	VStFB_C1			ENP	TIDE	Fr: To: 1 1	101	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions in Florida Bay (FB), central (C) section; 1 of 2 unidirectional flows at this virtual structure (outflow) 0	
WMM ELM VStFB_C 2	VStFB_C2	12	30	TIDE	ENP	Fr: 1 1 To:	101	X X X X X X 500 0 Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions in Florida Bay (FB), central (C) section; 1 of 2 unidirectional flows at this virtual structure (inflow) 500 0	

ELM Wa	ater Contro	l Stru	cture	Attribute	es	Fr:	Cell_X Cell_Y	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TP (ppb)	CI (ppt)	Basi From	i n To		Cell_X Cell_Y	CanalID	Calib 2.8 LOR S07 DCmp Dcmp Dcmp Dcmp Alta AltB Dcmp Alta Alta	Structure loc UTM,NAD'27
ELM VStFB_E	VStFB_E1			ENP	TIDE	Fr: To:	1 1	100	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions in Florida Bay (FB), eastern (E) section; 1 of 2 uni-directional flows at this virtual structure (outflow)	500 0 N 2790873 E 543307
ELM VStFB_E	VStFB_E2		30	TIDE	ENP	Fr: To:	1 1	100	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions in Florida Bay (FB), eastern (E) section; 1 of 2 unidirectional flows at this virtual structure (inflow)	500 0 N 2790873 E 543307
ELM VStFB_W	VStFB_W1			ENP	TIDE	Fr: To:	1 1	102	X X X X X X Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions in Florida Bay (FB), west (W) section; 1 of 2 unidirectional flows at this virtual structure (outflow)	500 0 N 2779197 E 500979
ELM VStFB_W	VStFB_W2		30	TIDE	ENP	Fr: To:	1 1	102	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions in Florida Bay (FB), west (W) section; 1 of 2 unidirectional flows at this virtual structure (inflow)	500 0 N 2779197 E 500979
ELM VStGM_ BL1	VStGM_BL1			ENP	TIDE	Fr: To:	1 1	105	xxxxxxVirtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along the Gulf of Mexico region adjacent to the Broad and Lostmans Rivers (BL); 1 of 2 uni-directional flows at this virtual structure (outflow)	500 0 N 2819989 E 479411
ELM VStGM_ BL2	VStGM_BL2		30	TIDE	ENP	Fr: To:	1 1	105	XXXXXXVirtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along the Gulf of Mexico region adjacent to the Broad and Lostmans Rivers (BL); 1 of 2 uni-directional flows at this virtual structure (inflow)	500 0 N 2819989 E 479411
ELM VStGM_ CRi1	VStGM_CRi 1			ENP	TIDE	Fr: To:	1 1	116	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along the Chatham River (CRi); 1 of 2 uni-directional flows at this virtual structure (outflow)	500 -1 N 2845710 E 478223
ELM VStGM_ CRi2	VStGM_CRi 2		15	TIDE	ENP	Fr: To:	1 1	116	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along the Chatham River (CRi); 1 of 2 uni-directional flows at this virtual structure (inflow)	500 -1 N 2845710 E 478223
ELM VStGM_L Ri1	VStGM_LRi 1			ENP	TIDE	Fr: To:	1 1	112	X X X X X X Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along the Lostmans River (LRi); 1 of 2 uni-directional flows at this virtual structure (outflow)	500 -1 N 2825300 E 480154
WMM ELM VStGM_L Ri2	VStGM_LRi 2		15	TIDE	ENP	Fr: To:	1 1	112	Image: Non-Structure in the image with the image withe image with the image with the image with	500 -1 N 2825300 E 480154

ELM Wa	ater Contro	l Struct	ture	Attribute	9 5	Fr:	Cell_X Cell_	νI	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name		CI opt)	Bas From	in To		Cell_X Cell_	_	CanalID	Calib 2.8 COR S07 CCB CCB CCB CCB CCB CCB CCB CCB CCB CC	Structure loc UTM,NAD'27
ELM VStGM_SH1	VStGM_SH1			ENP	TIDE	Fr: To:	1	1	104	x x x x x x Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along the Gulf of Mexico region adjacent to the Shark and Harney Rivers (SH); 1 of 2 uni-directional flows at this virtual structure (outflow)	500 0 N 2806073 E 486422
ELM VStGM_ SH2	VStGM_SH2	12 3	0	TIDE	ENP	Fr: To:	1	1	104	XXXXXXVirtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along the Gulf of Mexico region adjacent to the Shark and Harney Rivers (SH); 1 of 2 uni-directional flows at this virtual structure (inflow)	500 0 N 2806073 E 486422
ELM VStGM_ WB1	VStGM_WB 1	-		ENP	TIDE	Fr: To:	1	1	103	X X X X X X Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along Cape Sable-Whitewater Bay (WB); 1 of 2 unidirectional flows at this virtual structure (outflow)	500 0 N 2794919 E 483235
ELM VStGM_ WB2	VStGM_WB 2	12 3	0	TIDE	ENP	Fr: To:	1	1	103	X X X X X X Virtual structure, tidal influence (VSt). A virtual structure providing tidal boundary conditions along Cape Sable-Whitewater Bay (WB); 1 of 2 uni-directional flows at this virtual structure (inflow)	500 0 N 2794919 E 483235
ELM WL1351	S-7	<u>108</u> 0	.13	LOK	WCA2A	Fr: To:	1	1	27	X X X X X X LEC water supply from LOK (from S-351) contribution to S-7 inflow into WCA-2A North New River Canal (ST3TS7+WL1351+S7BPMR+WLES7) = S7. 1995-2004 historical TP at S351 =108 ug/L (EAA Regional Feasibility Study, 2005)	500 1 N 2912764 E 546237
WMM WL2351 ELM WL2351	S-6	<u>108</u> 0	.13	LOK	WCA1	Fr: To:	1	1	12	XXXXXWater supply from LOK (S-351) that by-passes STA-2 into Hillsboro Canal, intended destination is LEC S6LCWS = (WL2351+WLES6). 1995-2004 historical TP at S351 =108 ug/L (EAA Regional Feasibility Study, 2005)	500 1 N 2927874 E 555265
WMM WL3351 ELM WL3351	S-150	<u>108</u> 0	.13	LOK	WCA3A	Fr: To:	1	1	39	From LOK S-351 to L-38W conveyance canal in NE WCA3A, intended as water supply to LEC (eventually via S-151) (bypasses STA-3/4). (WL3351+??) = S150. 1995-2004 historical TP at S351 =108 ug/L (EAA Regional Feasibility Study, 2005)	500 1 × N 2912670 E 545961
ELM WLC354	S-8	<u>132</u> 0	.13	LOK	WCA3A	Fr: To:	1	1	117	LOK (from S-354) contribution to S-8 flows into spreader canal along south end Holey Land, This was (?) intended as water supply to LEC. S8=(ROTTS8+WLC354+ST3TS8+S8BPMR+WLES8). 1995-2004 historical TP at S354 =132 ug/L (EAA Regional Feasibility Study, 2005)	500 1 N 2912300 E 522537
WMM WLES6	S-6	99 0	.13	EAA	WCA1	Fr: To:	1	1	19	XXXXXWater supply from EAA S-6/S-2 basin runoff, by-passing STA-2 into Hillsboro Canal, intended destination is LEC S6LCWS = (WL2351+WLES6). 1995-2004 historical TP =99 ug/L (EAA Regional Feasibility Study, 2005)	500 1 N 2927874 E 555265
WMM WLES7 ELM WLES7	S-7	85 0	.13	EAA	WCA2A	Fr: To:	1	1	27	X X X X X X Water supply from EAA S-7/S-2 basin runoff, bypassing STA3/4, and is contribution to S-7 inflow into WCA-2A North New River Canal (ST3TS7+WL1351+S7BPMR+WLES7) = S7. 1995-2004 historical TP =85 ug/L (EAA Regional Feasibility Study, 2005)	500 1 N 2912764 E 546237

ELM Wa	ter Contro	l Structure		Fr:	Cell_X Cell_Y	CanalID	Click Alt button for structure list	grid flag hist
Model ID	Name	TPCI (ppb)(ppt)	Basin From To	To:	Cell_X Cell_Y	CanalID	Calib 2.8 S07 Dcmp Dcmp Dcmp Dcmp Dcmp AltA AltB AltB AltB AltB AltB	Structure loc UTM,NAD'27
WMM WLES8	S-8	82 0.13	EAA WCA3A	Fr: To:	1 1	117	contribution to S-8 nows into spreader canal along south end Holey	500 1 N 2912300 E 522537
WMM WSL8S	S-5S		WCA1 LEC	Fr:		11	water supply releases from WCA-1 (thru S-5A) to L-8/M canal	500 1 N 2951444
ELM WSL8S				To:	1 1			E 562929