

Appendix 9-1: Five-Year Capital Improvements Plan Fiscal Years 2005 through 2009

**FIVE-YEAR CAPITAL IMPROVEMENTS PLAN
FISCAL YEARS 2005-2009**

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

2.0 ACQUISITION, RESTORATION AND PUBLIC WORKS

2.3 SURFACE WATER PROJECTS

REVENUES	FY2005	FY2006	FY2007	FY2008	FY2009
Lake Okeechobee Trust Fund	\$618,105	\$0	\$0	\$0	\$0
Water Management Lands Trust Fund	1,000,000	0	0	0	0
Florida Forever	33,255,000	33,936,750	12,006,400	5,010,000	5,012,000
Ad Valorem Sources - District	1,182,635	0	0	0	0
Ad Valorem Sources - Okeechobee Basin	10,982,815	2,350,000	300,000	0	0
TOTAL	\$47,038,555	\$36,286,750	\$12,306,400	\$5,010,000	\$5,012,000

Project #	EXPENDITURES	FY2005	FY2006	FY2007	FY2008	FY2009
242	Lemkin Creek Urban Treatment System	\$2,968,105	\$2,350,000	\$300,000	\$0	\$0
65	Kissimmee River/Kissimmee Chain of Lakes	44,070,450	33,936,750	12,006,400	5,010,000	5,012,000
	TOTAL	\$47,038,555	\$36,286,750	\$12,306,400	\$5,010,000	\$5,012,000

Critical Restoration Projects (CRP) and Comprehensive Everglades Restoration Plan (CERP)

REVENUES	FY2005	FY2006	FY2007	FY2008	FY2009
Save Our Everglades Trust Fund	\$134,411,135	\$100,000,000	\$100,000,000	\$100,000,000	\$100,000,000
Ad Valorem Sources	91,812,673	100,000,000	100,000,000	100,000,000	100,000,000
Ad Valorem Sources - Big Cypress Basin	8,187,326	0	0	0	0
Florida Forever	8,432,000	0	0	0	0
Alligator Alley Toll Revenues	1,119,569	0	0	0	0
Federal USDA/NRCS	1,925,599	1,810,226	1,020,757	293,086	0
Florida Fish and Wildlife Conservation Commission	2,000,000	0	0	0	0
Collier County	2,000,000	0	0	0	0
State Appropriation #SA 2064A	5,010,000	0	0	0	0
Allapattah Easement Revenue	10,100,000	0	0	0	0
Martin County	20,000,000	0	0	0	0
Ad Valorem Sources - Previous Balance	60,000,000	60,000,000	0	0	0
Designated for Future Years' Expenditures	(60,000,000)	0	0	0	0
TOTAL	\$284,998,302	\$261,810,226	\$201,020,757	\$200,293,086	\$200,000,000

Project #	EXPENDITURES	FY2005	FY2006	FY2007	FY2008	FY2009
	Critical Restoration Projects (CRPs):					
66	Ten Mile Creek CRP	\$1,317,992	\$5,572,993	\$3,628,252	\$200,000	\$200,000
67	Tamiami Trail Culverts (West) CRP	5,096,157	10,170,736	6,219,852	200,000	200,000
68	Southern Crew/Imperial River Flowway CRP	2,069,811	20,000	20,000	20,000	20,000
69	Lake Trafford Restoration CRP	7,913,327	10,000,000	10,000,000	68,247	20,000
70	Lake Okeechobee Water Retention/Phosphorus Removal CRP	212,170	1,518,928	419,000	419,000	419,000
71	W C-11 (S-9) Water Quality CRP	200,000	1,617,515	110,000	110,000	110,000
	Comprehensive Everglades Restoration Plan (CERP):					
72	Lake Okeechobee Watershed	476,217	44,939,004	24,353,601	29,174,373	17,418,800
73	C-43 Basin Storage Reservoir - Part 1	2,286,040	44,512,135	21,371,635	0	0
360	C-43 Basin Aquifer Storage and Recovery- Part 2	0	0	0	36,923	1,310,500
397	Caloosahatchee Backpumping with Stormwater Treatment	0	514,800	514,800	3,012,336	4,770,528
74	Indian River Lagoon - South	57,112,750	41,713,707	23,114,356	30,700,459	29,805,688
75	Everglades Agricultural Area Storage Reservoirs - Phase 1	40,722,694	0	0	0	0
398	Everglades Agricultural Area Storage Reservoirs - Phase 2	0	902,200	1,121,772	19,673,096	19,555,988
205	Big Cypress L-28 Interceptor Modifications	0	338,857	729,287	1,845,766	1,838,721
210	Flow to NW & Central WCA 3A	0	158,592	105,185	0	0
76	WCA 3 Decom & Sheetflow Enhancement - Part 1	888,024	310,709	965,570	1,042,206	761,223
77	Loxahatchee National Wildlife Refuge Internal Canal Structures	0	101,058	4,808	0	0
385	Modify Holey Land Wildlife Management Area Operation Plan	0	16,667	16,667	8,205	0
386	Modify Rotenberger Wildlife Management Area Operation Plan	0	19,922	0	0	0
78	North Palm Beach County - Part 1	55,899,186	23,178,571	38,160,071	40,719,445	0
349	North Palm Beach County - Part 2	0	0	0	0	125,769
79	PBC Agriculture Reserve Reservoir - Part 1	12,839	199,450	149,500	5,004,047	14,544,811
424	PBC Agriculture Reserve Reservoir Aquifer Storage & Recovery- Part 2	0	0	0	0	125,769
425	Hillsboro Aquifer Storage & Recovery - Part 2	0	0	0	0	125,769
426	Flow to Eastern Water Conservation Area	0	0	0	0	83,077
372	Broward Co. Secondary Canal System	0	456,878	100,000	100,000	100,000
211	Everglades National Park Seepage Management	0	91,154	790,116	2,881,298	32,960,522
81	Biscayne Bay Coastal Wetlands	1,601,796	35,403,676	19,215,623	15,317,238	20,180,536
82	C-111 Spreader Canal	522,622	13,192,838	13,076,000	13,176,585	5,833,908
83	Southern Golden Gate Estates Hydrologic Restoration	12,927,797	2,100,000	2,100,000	2,100,000	2,100,000
84	Florida Keys Tidal Restoration	96,172	0	5,000	5,000	5,000
85	Lake Okeechobee ASR Pilot	117,010	0	1,896,154	2,007,692	1,141,538
86	Caloosahatchee (C-43) River ASR Pilot	73,449	261,538	300,000	288,462	200,000
87	Hillsboro ASR Pilot	63,870	29,231	300,000	287,726	233,043
88	Lake Belt In-Ground Reservoir Technology Pilot	29,107	84,767	77,844	78,443	78,144
89	L-31N Seepage Management Pilot	198,845	63,421	0	0	0
90	Wastewater Reuse Technology Pilot	238,861	1,317,500	240,000	241,846	181,792
91	Acme Basin B Discharge	96,574	0	285,000	285,000	285,000
92	Strazzulla Wetlands	37,209	0	25,000	50,000	50,000
93	Site 1 Impoundment	140,230	0	200,000	200,000	200,000
94	Bird Drive Recharge Area	750,000	0	0	0	0
95	ASR Regional Study	761,149	91,154	9,855,070	9,759,250	24,252,304
96	Broward County WPA	1,373,769	1,294,787	1,286,932	1,290,876	1,109,059
433	C-111 Project Implementation	9,551,569	0	0	0	0
99	CERP Program Management and Support (1)	25,060,041	14,921,828	13,949,000	13,422,500	13,222,500
100	Monitoring and Evaluation (RECOVER) (2)	4,932,617	6,431,011	6,314,663	6,567,067	6,431,011
369	Program Reserves (3)	50,378,980	0	0	0	0
101	Reconnaissance, Feasibility, and Planning Studies	1,839,429	264,600	0	0	0
	TOTAL	\$284,998,302	\$261,810,226	\$201,020,757	\$200,293,086	\$200,000,000

(1) Includes program-level costs including: Program Management, Program Controls, Outreach, Environmental & Economic Equity, Data Management, Master Recreation Plan, Interagency Modeling Center, Program Regulations, and Program Indirect Costs.

(2) Includes RECOVER and Adaptive Assessment.

(3) This represents funds that have not been budgeted to a specific project, but are expected to be spent during FY2005.

**FIVE-YEAR CAPITAL IMPROVEMENTS PLAN
FISCAL YEARS 2005-2009
SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

DISTRICT EVERGLADES (EFA) PROGRAM

REVENUES	FY2005	FY2006	FY2007	FY2008	FY2009
Prior Year Balance	\$6,686,236	\$3,060,422	\$0	\$0	\$0
Okeechobee Basin Ad Valorem (0.100 mill)	50,115,704	54,626,117	58,723,076	62,980,499	67,389,134
Agriculture Privilege Tax	12,242,934	11,384,291	11,151,345	11,151,345	11,151,345
Alligator Alley Toll Revenue	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Intergovernmental - State Sources	500,000	0	0	0	0
Intergovernmental - Federal Sources	151,462	72,045	0	0	0
Investment Income	1,322,156	1,449,000	1,655,063	1,752,563	1,995,000
Tag Proceeds	187,000	200,000	200,000	200,000	200,000
Other	56,500	0	0	0	0
Designated for Future Years' EFA Related Expenditures	(3,060,422)	0	0	0	0
TOTAL	\$69,201,570	\$71,791,875	\$72,729,484	\$77,084,407	\$81,735,479

Project #	EXPENDITURES	FY2005	FY2006	FY2007	FY2008	FY2009
102	STA-1 East/C-51 West	\$4,012,785	\$2,567,248	\$2,644,176	\$2,724,180	\$2,805,605
103	STA-1 West Works/I & D Works (G-311 Water Control Structure)	4,293,550	3,911,378	2,010,780	2,071,620	2,133,540
104	STA-2 Works	1,684,960	1,957,703	2,100,148	2,163,692	2,228,364
105	S-5A Basin Runoff Diversion Works (G-341 Water Control Structure)	334,378	1,897,817	51,387	53,314	54,524
106	WCA-2A Hydropattern Restoration	23,166	658,470	81,416	25,320	26,077
107	STA-3/4 Works	5,279,536	8,427,499	5,772,202	3,349,148	3,448,786
108	STA-5 Works	1,082,100	2,597,676	717,178	738,878	760,963
109	STA-6, Sections 1 & 2	3,471,922	1,667,943	4,822,369	575,450	592,650
110	West WCA-3A Hydropattern Restoration	232,713	620,815	246,879	254,349	261,951
414	STA-1 East Enhancements	834,000	53,323	0	0	0
111	STA-1 West Enhancements	2,281,409	3,504,116	0	0	0
112	STA-2 Enhancements	2,813,908	4,591,492	0	0	0
113	STA-3/4 Enhancements	7,912,063	1,330,823	0	0	0
114	STA-5 Enhancements	1,805,742	1,161,272	0	0	0
115	STA-6 Enhancements	967,976	1,477,348	0	0	0
	EFA Program Management and Support*	3,662,130	2,004,610	2,430,735	979,304	994,431
	Agriculture Privilege Tax Fees/Revenue Costs	1,295,698	1,320,208	1,397,488	1,482,637	1,570,810
	Future EFA Project Components	0	10,244,484	20,257,733	31,919,679	35,421,453
	EFA Managerial Reserves	138,428	0	0	0	0
	Other EFA (ECP & LTP) Components including Operations, Maintenance, Monitoring, Research and Evaluation	27,075,106	21,797,650	30,196,993	30,746,836	31,436,326
	TOTAL	\$69,201,570	\$71,791,875	\$72,729,484	\$77,084,407	\$81,735,479

* These costs are program-level costs which are not specific to any one EFA (ECP/LTP) project.

2.5 FACILITIES CONSTRUCTION AND OTHER MAJOR PROJECTS

REVENUES	FY2005	FY2006	FY2007	FY2008	FY2009
Capital Financing	\$1,653,780	\$0	\$0	\$0	\$0
Ad Valorem Sources - Okeechobee Basin	134,500	1,004,500	415,000	2,508,000	2,736,500
TOTAL	\$1,788,280	\$1,004,500	\$415,000	\$2,508,000	\$2,736,500

Project #	EXPENDITURES	FY2005	FY2006	FY2007	FY2008	FY2009
323	Building & Improvements	\$1,788,280	\$1,004,500	\$415,000	\$2,508,000	\$2,736,500
	TOTAL	\$1,788,280	\$1,004,500	\$415,000	\$2,508,000	\$2,736,500

**FIVE-YEAR CAPITAL IMPROVEMENTS PLAN
FISCAL YEARS 2005-2009**

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

3.0 OPERATION AND MAINTENANCE OF LANDS AND WORKS

3.1 LAND MANAGEMENT

REVENUES	FY2005	FY2006	FY2007	FY2008	FY2009
Florida Forever	\$3,000,000	\$0	\$0	\$0	\$0
Wetland Mitigation (Fund balance)	9,784,000	2,501,250	1,406,250	1,351,250	811,250
External Grant	690,000	90,000	90,000	0	0
Lake Belt Mitigation	3,400,000	4,000,000	4,500,000	4,700,000	4,900,000
Water Management Lands Trust Fund	630,000	7,000	7,000	7,000	7,000
Ad-Valorem Sources - District	20,000,000	15,370,360	9,320,000	0	0
Ad-Valorem Sources - Okeechobee Basin	200,000	0	0	0	0
TOTAL	\$37,704,000	\$21,968,610	\$15,323,250	\$6,058,250	\$5,718,250

Project #	EXPENDITURES	FY2005	FY2006	FY2007	FY2008	FY2009
245	Herbert Hoover Dike ROW/Easement Acquisition	\$200,000	\$0	\$0	\$0	\$0
246	Lee Property Land Acquisition-Martin County	20,000,000	15,370,360	9,320,000	0	0
247	Par Mar/Pal Mar - Martin County MOU-Land	3,000,000	0	0	0	0
250	Lake Belt Land/Lake Belt Associated Costs	3,900,000	4,000,000	4,500,000	4,700,000	4,900,000
253	Pennsoco Land/Associate Costs	2,500,000	1,500,000	1,000,000	1,000,000	500,000
257	Shingle Creek Phase II & III Land/Associated Costs	6,189,000	600,000	50,000	40,000	35,000
248	CREW Land/Associated Costs	345,000	400,000	355,000	310,000	275,000
244	STA Retro-fit	250,000	1,000	1,000	1,000	1,000
259	Shingle Creek Swale-Hydrologic Restoration	200,000	1,000	1,000	1,000	1,000
258	Shingle Creek Road Removal	50,000	250	250	250	250
256	Rough Island Restoration	100,000	30,000	30,000	0	0
255	Public Use Access	280,000	1,000	1,000	1,000	1,000
254	Starvation Slough Prairie Groundcover & Hydrological Restoration II	100,000	5,000	5,000	5,000	5,000
252	Packingham & Buttermilk Slough Restoration	350,000	0	0	0	0
251	Lightsey Restoration	40,000	10,000	10,000	0	0
249	Gardner-Cobb Marsh Restoration	200,000	50,000	50,000	0	0
TOTAL		\$37,704,000	\$21,968,610	\$15,323,250	\$6,058,250	\$5,718,250

3.2 WORKS

REVENUES	FY2005	FY2006	FY2007	FY2008	FY2009
Ad Valorem Sources - Big Cypress Basin	\$4,864,000	\$4,930,000	\$5,742,000	\$8,347,000	\$5,769,000
FEMA Revenues	10,365,000	35,000	35,000	35,000	35,000
Ad Valorem Sources - Okeechobee Basin	32,872,000	41,717,500	51,917,139	61,775,284	61,800,000
TOTAL	\$48,101,000	\$46,682,500	\$57,694,139	\$70,157,284	\$67,604,000

Project #	EXPENDITURES	FY2005	FY2006	FY2007	FY2008	FY2009
266	Faka Union Canal Weir No. 4 Rehabilitation	\$214,000	\$160,000	\$10,000	\$10,000	\$10,000
263	C-1 Connector and Miller Weir No. 3 Renovation	500,000	1,100,000	5,000	5,000	5,000
264	Camp Keais Strand Flowway Restoration	1,000,000	50,000	7,000	7,000	7,000
265	Corkscrew Canal Improvement - Phases I and II	1,650,000	500,000	5,000	5,000	5,000
267	Golden Gate Canal Weir No. 2 Retrofit	1,500,000	1,000,000	10,000	10,000	10,000
261	Barron River Canal Improvements	0	0	1,005,000	2,010,000	1,010,000
262	Belle Meade Area Master Plan Implementation	0	0	0	2,050,000	110,000
268	Henderson Creek Canal Improvements	0	0	0	0	2,600,000
260	Henderson Creek Diversion	0	0	0	2,350,000	12,000
429	Golden Gate Canal Weir No. 3 Retrofit	0	220,000	2,000,000	0	0
430	Big Cypress Basin Office and Field Station Relocation	0	1,900,000	2,600,000	0	0
431	Golden Gate Canal Weir No. 's 6 and 7 Retrofit	0	0	100,000	1,700,000	0
432	Golden Gate Canal Weir No. 5 Retrofit	0	0	0	200,000	2,000,000
116	C-4 Phase 3 Dredging/S-25 Downstream Conveyance	5,200,000	0	0	0	0
411	S-27 Forward Pump Station	3,000,000	20,000	20,000	20,000	20,000
117	Sweetwater Berm Phase III	1,210,000	10,000	10,000	10,000	10,000
118	Sweetwater Berm Phase IV	955,000	5,000	5,000	5,000	5,000
121	Bearing Replacement	1,190,000	5,230,000	3,000,000	3,000,000	3,000,000
311	S-5A Horizontal Pump Refurbishment	3,028,000	3,149,000	3,875,000	0	0
318	Double Wall Piping	200,000	0	0	0	0
120	Engineering Design Fees	4,500,000	7,000,000	7,000,000	8,000,000	9,000,000
321	Erosion Control	532,000	0	0	0	0
322	Hydraulic Pump Replacement G-123	530,000	0	0	0	0
327	L-8 Tie Back Levee	877,000	0	0	0	0
333	Lock Hoist Replacement G-36	450,000	0	0	0	0
334	Lock Hoist Replacement S-135	450,000	0	0	0	0
335	Okeechobee Field Station B-11 Sewer Lines and Paving	300,000	0	0	0	0
336	Repowering of S-129, S-131, S-135	2,653,000	0	0	0	0
408	Automation/Telemetry	3,948,000	2,731,000	0	1,500,000	0
400	S-4 Fuel Tank Replacement	95,000	0	0	0	0
401	S-4 Electrical Upgrades	165,000	0	0	0	0
402	S-21 Structure Repairs (Corrosion Protection)	283,000	0	0	0	0
403	S-65 Structure Repair for Bank Stabilization	1,079,000	0	0	0	0
404	S-127 Operations Control Facility	1,500,000	0	0	0	0
405	S-10E Structure Decommission	80,000	0	0	0	0
324	Kissimmee Field Station Replacement	1,500,000	0	0	0	0
410	Dredging	1,500,000	4,265,000	16,841,879	23,433,084	25,500,000
407	Project Culverts	195,000	2,360,000	2,415,000	8,000,000	0
406	Pump Station Waterproofing/Hardening	3,268,000	500,000	1,500,000	1,200,000	0
122	Bank Stabilization	132,000	10,745,000	11,775,260	14,142,200	22,300,000
409	Trash Rakes	2,250,000	5,037,500	5,250,000	2,500,000	2,000,000
315	Gate Hoist/Operator Replacements	586,000	700,000	260,000	0	0
119	S-65 A Erosion Repairs	1,581,000	0	0	0	0
TOTAL		\$48,101,000	\$46,682,500	\$57,694,139	\$70,157,284	\$67,604,000

TOTAL CAPITAL EXPENDITURES	\$488,831,707	\$439,544,461	\$359,489,030	\$361,111,027	\$362,806,229
-----------------------------------	----------------------	----------------------	----------------------	----------------------	----------------------