

Chapter 6: Florida Forever Work Plan, 2016 Annual Update

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SECTION 6-1: INTRODUCTION

As required by Section 373.199, Florida Statutes (F.S.), this chapter has been prepared by the South Florida Water Management District (SFWMD or District) as an annual update of the Florida Forever Work Plan (FFWP). This 2016 update presents projects eligible for funding under the Florida Forever Act (Section 259.105, F.S.) as well as projects eligible for state acquisition monies from the appropriate account or trust fund under Section 373.139(3)(c), F.S., and reports associated changes since the March 1, 2015, submission of the *2015 South Florida Environmental Report* (SFER) – Volume II, Chapter 6A.

The 2016 FFWP update summarizes acquisitions that occurred in Fiscal Year 2014-2015 (October 1, 2014–September 30, 2015), along with the status of land acquisition for eligible projects, noting for each the number of acres acquired and acres still to be acquired, as of September 30, 2015. This update is intended to be used in conjunction with portions of the 2016 SFER – Volume I that have additional information on systemwide and regional projects. Detailed project descriptions and supporting information are provided in the Consolidated Project Report Database, available on the District’s website at www.sfwmd.gov/sfer. The Five-Year Capital Improvements Plan (CIP), Chapter 4 of this volume, includes projected five-year capital expenditures for eligible FFWP projects. The CIP includes projected expenditures for (1) basic construction costs including design, engineering, permits, inspections, and site development; (2) other project costs including land acquisition and associated costs, surveys, and facility acquisition; and (3) estimated changes in operation and maintenance costs for those projects that will be owned and capitalized as fixed assets by the District.

¹ This chapter of the *2016 South Florida Environmental Report* (SFER) – Volume II is dedicated to the Memory of Wanda Caffie-Simpson (1957–2015). Wanda was a Senior Budget Analyst at the South Florida Water Management District (District) and was a primary author of this chapter of the SFER, and its predecessor report, the Everglades Consolidated Report. She was a tremendous asset to the District and true friend. She will be truly missed by all who knew her.

The 2016 Florida Forever Work Plan (FFWP) update is organized as follows:

- *Section 6-1* provides the introduction and summary of changes to the eligible list of projects.
- *Section 6-2* highlights land acquisition activity for the reporting cycle.
- *Section 6-3* provides a brief overview of FFWP regions and presents the status of land acquisitions for eligible projects within each region. **Table 6-2** applies to Kissimmee River Restoration Project (KRRP); **Tables 6-3 to 6-10** apply to Comprehensive Everglades Restoration Plan (CERP) projects, unless otherwise noted; and **Table 6-11** applies to Northern Everglades and Estuaries Protection Program (NEEPP) projects.
- *Sections 6-4* provides major plan/program highlights of CERP, Florida Forever/Save Our Rivers (FF/SOR), and NEEPP, respectively.
- *Section 6-5* provides an update on surplus land activities for the reporting cycle.
- *Section 6-6* lists eligible Florida Forever Program projects.
- *Section 6-7* lists Florida Forever Program goals and performance measures.

The 2016 FFWP update identifies a total of 46 eligible projects, which include CERP, FF/SOR, NEEPP, and other related projects.

One project was modified as follows:

- The Indian River Lagoon – South, Palmar Complex – Natural Water Storage and Treatment Area (NWSTA) feature will be updated as part of this 2016 FFWP modifying the project boundary to add 18.69 acres, more or less, and remove 636 acres, more or less, from the project boundary.

SECTION 6-2: LAND ACQUISITION HIGHLIGHTS

LAND ACQUISITION ACTIVITY REPORT

In Fiscal Year 2014-2015, the District obtained 6,459.68 acres of land interests through donations, mitigation and expenditures totaling \$37,766,002. Acquisitions were made using District, state, and local government funds.

FISCAL YEAR 2015 LAND ACQUISITION HIGHLIGHTS

- A total of 4,510.35 acres of land were acquired for CERP projects at a cost of \$22,792,483. that includes 1,840.81 acres acquired for the Palmar Complex NWSTA – C44 Basin at a cost of \$20,391,646 of which Martin County funded and acquired 288.87 acres at a cost of \$3,200,000; 2,501.63 acres acquired in easement from the Florida Department of Environmental Protection (FDEP) and Florida Fish and Wildlife Conservation Commission (FWC) at a cost of \$2,058,382 for the Loxahatchee River Watershed Restoration Project; and 6.25 acres acquired by FDEP for the Picayune Strand – Fakahatchee Project at a cost of \$5,795. An additional 60.52 acres were obtained for CERP projects through mitigation and donation.
- A total of 140.27 acres of land were acquired for the Lake Hicpochee Hydrologic Enhancement, a NEEPP project, at a cost of \$480,000.
- A total of 303.70 acres of land were acquired within Pool D of the Kissimmee River at a cost of \$2,734,283.
- Miami-Dade County, external project partner, acquired 101.14 acres of land for \$336,660 within the Southern Glades for a FF/SOR project.

Table 6-1 provides additional details regarding the lands acquired by project and funding source.

Table 6-1. Fiscal Year 2014-2015 acquisition activity report by funding source. [Note: P-2000 – Preservation 2000; SOETF – Save Our Everglades Trust Fund; and WMLTF/LATF – Water Management Lands Trust Fund/Land Acquisition Trust Fund.]

Project Names	Parcels	Acres	Price	District	Federal	State	Local Government	Mitigation
Biscayne Bay Coastal Wetlands (CERP) ¹	17	101.14	\$336,660.00				\$336,660.00	
C-111 Spreader Canal (CERP) ²	2	15.00	\$0.00					
Cell 26 - Pennsuco Wetlands	2	30.00	\$240,000.00					\$240,000.00
Corkscrew Regional Ecosystem Watershed (CREW) ^{1,2,3}	3	1,272.36	\$9,765,000.00			\$9,765,000.00		
Indian River Lagoon - South (CERP)			\$0.00					
- Palmar Complex NWSTA - C-44 Basin ¹	4	1,840.81	\$20,391,646.00				\$3,406,928.00	
Kissimmee River Restoration (KRRP)			\$0.00					
- Kissimmee River Pool D ^{1,3}	8	303.70	\$2,734,283.00	\$2,734,283.00				
Kissimmee Chain of Lake (KRRP)			\$0.00					
- Lake Hatchineha ^{2,3}	2	0.86	\$0.00					
- Lake Kissimmee ³	1	3.70	\$185,000.00	\$185,000.00				
- Tiger Lake ³	3	21.74	\$510,500.00					
Lake Hicpochee Hydrologic Enhancement (NEEPP) ²	2	140.27	\$480,000.00	\$480,000.00				
Lake Okeechobee Water Retention Phosphorous Removal ³	1	56.13	\$935,840.00					
Loxahatchee River Watershed Restoration (CERP) ^{2,3}	8	2,501.63	\$2,058,382.00					
Palmar ²	1	1.00	\$0.00					
Picayune Strand Restoration (CERP)			\$0.00					
- Manatee Mitigation ^{2,3}	1	25.54	\$0.00					
- Belle Meade ^{1,2}	3	19.98	\$0.00					
- Fakahatchee ¹	2	6.25	\$5,795.00			\$5,795.00		
Picayune Strand Restoration (Outside Boundary) ¹	12	88.43	\$122,896.00			\$122,896.00		
Shingle Creek ²	1	1.20	\$0.00					
Canals/Rights-of-Way (Works of the District)			\$0.00					
- Big Cypress Basin ^{2,3}	4	3.11	\$0.00					
- Hillsboro Canal ^{2,3}	1	1.98	\$0.00					
- L-40 ^{2,3}	1	24.85	\$0.00					
TOTALS	79	6,459.68	\$37,766,002.00	\$3,399,283.00	\$0.00	\$9,893,691.00	\$3,743,588.00	\$240,000.00

¹External partner acquired acres.

²All or portion of acres acquired through donation or mitigation.

³Easement acres are included in all or a portion of acres acquired.

Table 6-1. Continued.

Project Names	Parcel	Acres	Price	P-2000	WMLTF/LATF	Florida Forever	SOETF
Biscayne Bay Coastal Wetlands (CERP) ¹	17	101.14	\$336,660.00				
C-111 Spreader Canal (CERP) ²	2	15.00	\$0.00				
Cell 26 - Pennsuco Wetlands	2	30.00	\$240,000.00				
Corkscrew Regional Ecosystem Watershed (CREW) ^{1,2,3}	3	1,272.36	\$9,765,000.00				
Indian River Lagoon - South (CERP)			\$0.00				
- Palmar Complex NWSTA - C-44 Basin ¹	4	1,840.81	\$20,391,646.00			\$16,984,718.00	
Kissimmee River Restoration (KRRP)			\$0.00				
- Kissimmee River Pool D ^{1,3}	8	303.70	\$2,734,283.00				
Kissimmee Chain of Lake (KRRP)			\$0.00				
- Lake Hatchineha ^{2,3}	2	0.86	\$0.00				
- Lake Kissimmee ³	1	3.70	\$185,000.00				
- Tiger Lake ³	3	21.74	\$510,500.00	\$127,050.00	\$383,450.00		
Lake Hicpochee Hydrologic Enhancement (NEEPP) ²	2	140.27	\$480,000.00				
Lake Okeechobee Water Retention Phosphorous Removal ³	1	56.13	\$935,840.00		\$935,840.00		
Loxahatchee River Watershed Restoration (CERP) ^{2,3}	8	2,501.63	\$2,058,382.00				\$2,058,382.00
Palmar ²	1	1.00	\$0.00				
Picayune Strand Restoration (CERP)			\$0.00				
- Manatee Mitigation ^{2,3}	1	25.54	\$0.00				
- Belle Meade ^{1,2}	3	19.98	\$0.00				
- Fakahatchee ¹	2	6.25	\$5,795.00				
Picayune Strand Restoration (Outside Boundary) ¹	12	88.43	\$122,896.00				
Shingle Creek ²	1	1.20	\$0.00				
Canals/Rights-of-Way (Works of the District)			\$0.00				
- Big Cypress Basin ^{2,3}	4	3.11	\$0.00				
- Hillsboro Canal ^{2,3}	1	1.98	\$0.00				
- L-40 ^{2,3}	1	24.85	\$0.00				
TOTALS	79	6,459.68	\$37,766,002.00	\$127,050.00	\$1,319,290.00	\$16,984,718.00	\$2,058,382.00

¹External partner acquired acres.

²All or portion of acres acquired through donation or mitigation.

³Easement acres are included in all or a portion of acres acquired.

SECTION 6-3: LAND ACQUISITION STATUS BY REGION

This section presents a brief overview of the status of land acquisitions for eligible projects within each FFWP region including acres acquired, acres that remain to be acquired, and percent of acquisitions completed. It should be noted that for multiple reasons, summary numbers may change from one year to another, minimizing the ability to make simple comparisons among the annual updates of acquisition tables contained in this section. These differences may be due to such factors as the refinement of reporting techniques or changes in the number or size of projects, rather than the acquisition or disposition of land. The nine regions used as the framework for the plan update are shown in **Figure 6-1**.

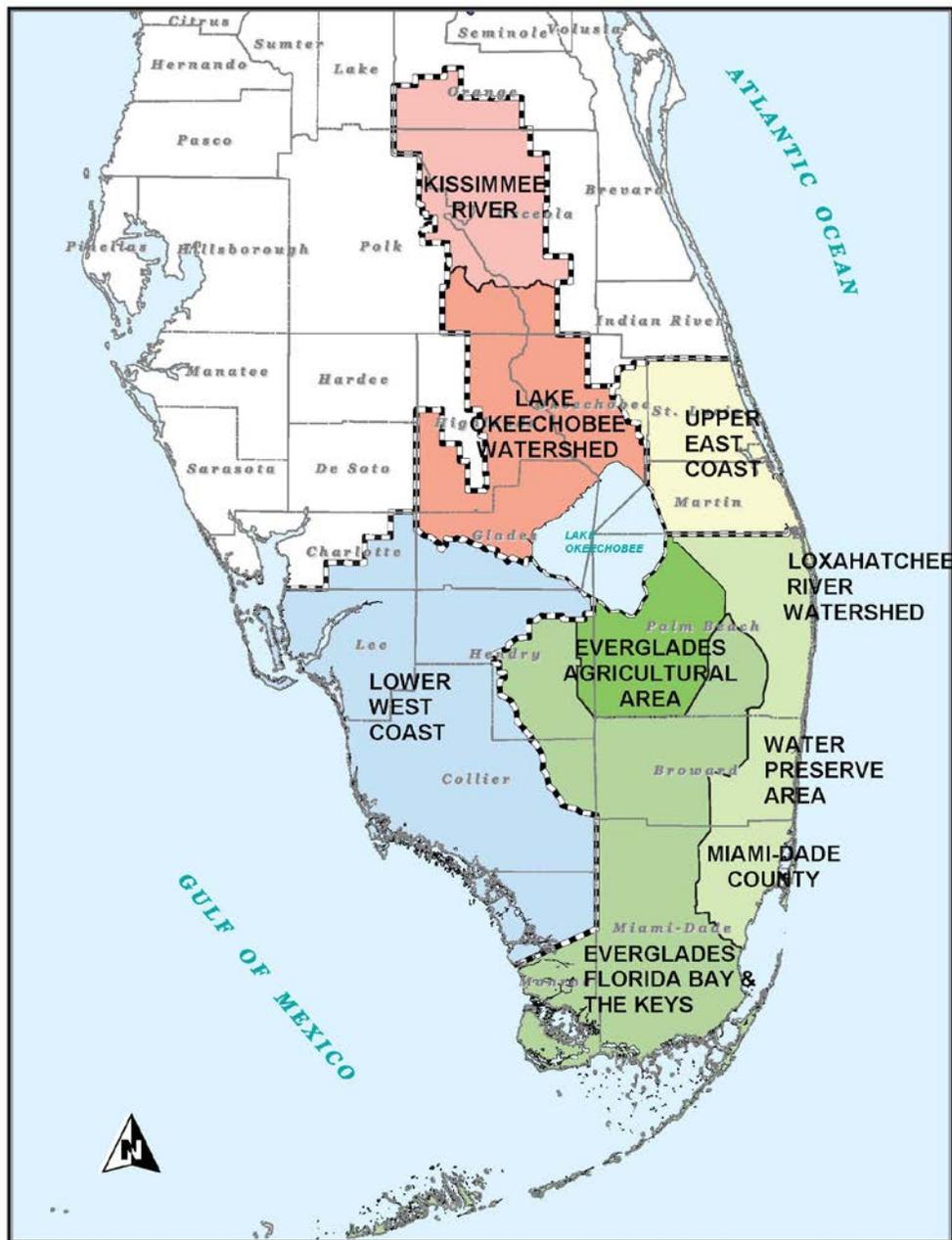


Figure 6-1. FFWP regions.

LAND ACQUISITIONS FOR THE KISSIMMEE RIVER

Land acquisition is almost complete for the KRRP. Over 100,000 acres have been acquired, with approximately 1,504 acres in the process of complex settlement negotiations or condemnation to complete acquisition of remaining land needed for the backfilling KRRP Lower Kissimmee Basin components, and preparing for changes to the elevation regulation schedule in the Upper Kissimmee Basin.

In summary, the KRRP land acquisition processes are nearing completion. Project certification and credit requests are expected to be processed throughout Fiscal Year 2015-2016 and into future years.

Table 6-2 quantifies the acreage needed versus obtained within the Kissimmee River region under the real estate acquisition plan as of September 30, 2015.

Table 6-2. KRRP real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
KRRP - Upper Kissimmee Basin ¹	36,522	35,518	1,004	97%
KRRP - Lower Kissimmee Basin ^{1,2,3,4}	63,843	63,608	235	99%
Total	103,365	99,126	1,239	99%

¹The Lower Kissimmee Basin components are required for the backfilling of areas of the KRRP. According to project records, as of September 30, 2015, approximately 99 percent of the land has been acquired; 1,239 acres remain outstanding.

²Chandler Slough acres are within the authorized KRRP boundary; however, the land is not required for backfilling. Thus the Chandler Slough acreage is not included in the total acres required.

³Additional fee interest to be acquired in the Lower Kissimmee Basin over 165 acres, more or less, of easement interest previously acquired. This acreage is included in the total acres required.

⁴The acres acquired total includes 429 acres of state-owned lands over which an easement will be obtained at no cost to the District.

LAND ACQUISITIONS FOR THE LAKE OKEECHOBEE WATERSHED

Table 6-3 quantifies the acreage needed versus obtained within the Lake Okeechobee Watershed region under the current real estate acquisition plan as of September 30, 2015.

Table 6-3. Lake Okeechobee Watershed region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
North Lake Okeechobee Storage Reservoir	10,273	0	10,273	0%
Taylor Creek/Nubbin Slough Storage and Treatment Area	6,557	6,557	0	100%
Lake Okeechobee Watershed Quality Treatment Facilities	16,610	4,963	11,647	30%
Lake Okeechobee Tributary Sediment Dredging	320	0	320	0%
Total	33,760	11,520	22,240	34%

LAND ACQUISITIONS FOR THE LOWER WEST COAST

Table 6-4 quantifies the acreage needed versus obtained within the Lower West Coast region under the current real estate acquisition plan as of September 30, 2015.

Table 6-4. Lower West Coast region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
Caloosahatchee Basin Storage Reservoir	9,493	1,921	7,572	20%
Caloosahatchee River (C-43) West Basin Storage Reservoir	10,507	10,507	0	100%
Big Cypress/ L-28 Interceptor Modifications	1,900	0	1,900	0%
Picayune Strand Restoration (Southern Golden Gate Estates)	55,051	55,051	0	100%
Picayune Strand Restoration – Fakahatchee Strand	1,839	1,822	17	99%
Picayune Strand Restoration – Belle Meade	10,153	9,228	925	91%
Picayune Strand Restoration – Manatee Mitigation	26	26	0	100%
Total	88,969	78,555	10,414	88%

LAND ACQUISITIONS FOR THE UPPER EAST COAST

Table 6-5 quantifies the acreage needed versus obtained within the Upper East Coast region under the current real estate acquisition plan as of September 30, 2015.

Table 6-5. Upper East Coast region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
C-44 Reservoir	4,461	4,461	0	100%
C-44 West Stormwater Treatment Area (STA)	3,225	3,225	0	100%
C-44 East STA	4,518	4,518	0	100%
Pal-Mar Complex - NWSTA – C-44 Basin	11,954	1,841	10,113	15%
C-23/24 North Reservoir	2,442	2,442	0	100%
C-23/24 South Reservoir	6,271	4,849	1,422	77%
C-23/C-24 STA	2,562	2,456	106	96%
C-25 Reservoir and STA	904	0	904	0%
Allapattah Complex	42,348	21,865	20,483	52%
Pal-Mar Complex NWSTA– South Fork Basin	4,842	4,842	0	100%
Pal-Mar Complex NWSTA – Halpatiokee Park	347	347	0	100%
Cypress Creek Complex	28,704	1,233	27,471	4%
Cypress Creek Complex (Public-owned Lands) ¹	3,935	3,935	0	100%
Muck Remediation and Artificial Habitat	640	0	640	0%
North Fork Floodplain Restoration	1,995	475	1,520	24%
North Fork Floodplain Restoration (Public-owned Lands) ¹	1,094	4	1,090	0.41%
Total	120,242	56,493	63,749	47%

¹Public-owned land within the project. St. Lucie County has acquired 3,935 acres within the Cypress Creek Complex. A letter of agreement will be required to use public-owned lands for the project.

LAND ACQUISITIONS FOR THE EVERGLADES AGRICULTURAL AREA

Table 6-6 quantifies the acreage needed versus obtained within the Everglades Agricultural Area (EAA) region under the current real estate acquisition plan as of September 30, 2015.

Table 6-6. EAA region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
A-1 Flow Equalization Basin (FEB) ¹	16,692	16,692	0	100%
Central Everglades Planning Project (CEPP), EAA A-2 FEB ²	20,548	16,495	4,053	80%
Bolles/Cross Canals	203	203	0	100%
Total	37,443	33,390	4,053	89%

¹The lands associated with Compartment A-1 are primarily designated for use as part of the Restoration Strategies for Clean Water for the Everglades central flow path (SFWMD 2015). CEPP proposes to integrate the use of Compartment A-1 and Compartment A-2 as a combined FEB storage feature in the EAA.

²EAA A-2 FEB, Compartment A-2, is designated for use as part of the CERP CEPP.

LAND ACQUISITIONS FOR THE EVERGLADES, FLORIDA BAY AND FLORIDA KEYS

Table 6-7 quantifies the acreage needed versus obtained within the Everglades, Florida Bay, and Florida Keys region under the real estate acquisition plan as of September 30, 2015.

Table 6-7. Everglades, Florida Bay, and Florida Keys region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
Central Everglades Planning Project (CEPP), Eastern Tamiami Trail	27	0	27	0%
CEPP, Part 1, North New River Improvements (S-34 to C-6)	918	0	918	0%
CEPP, Water Conservation Area (WCA)-3 Decpartmentalization and Sheetflow Enhancement – Phase 2	28	0	28	0%
CEPP, L-31N (L-30) Seepage Management	391	391	0	100%
CEPP, S-356 Structure	3,556	0	3,556	0%
Everglades National Park, Bird Drive	3,996	1,399	2,597	35%
Everglades National Park, Dade-Broward Levee and Canal	990	651	339	66%
C-111 Spreader Canal Eastern – Phase 2 (Miami-Dade External Partner) ¹	3,893	3,893	0	100%
C-111 Spreader Canal Eastern – Phase 2 (Public-owned Lands) ²	4,220	1	4,219	0.02%
C-111 Spreader Canal Eastern – Phase 2 Remaining	20,612	16,296	4,316	79%
C-111 Spreader Canal Western – Frog Pond & Aerojet	3,431	3,431	0	100%
C-111 Spreader Canal Western (Miami-Dade External Partner) ¹	129	129	0	100%
C-111 Spreader Canal Western (Public-owned Lands) ²	5,687	0	5,687	0%
C-111 Spreader Canal Western - Operations	12,403	11,881	522	96%
C-111 South Dade Project ³	41,289	40,771	518	99%
L-31N (L-30) Seepage Management Pilot	91	91	0	100%
Total	101,661	78,925	22,736	78%

¹Miami-Dade County, as an external partner, has acquired 4,022 acres.

²Public-owned lands that include land owned by Florida Power & Light. A letter of agreement will be required to use public-owned lands for the project.

³Approximately 29,187 acres overlap C-111 South Dade and C-111 Spreader Canal Projects

LAND ACQUISITIONS FOR MIAMI-DADE COUNTY

Table 6-8 quantifies the acreage needed versus obtained within the Miami-Dade County region under the current real estate acquisition plan as of September 30, 2015.

Table 6-8. Miami-Dade County region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
Biscayne Bay Coastal Wetlands (BBCW) - Cutler South	859	826	33	96%
BBCW - Cutler South (Public-owned Lands) ²	843	505	338	60%
BBCW - Cutler South/Flow-way	30	30	0	100%
BBCW - L-31E Culverts-Homestead North	254	0	254	0%
BBCW - L-31E Culverts-Homestead North (Public-owned Lands) ²	643	550	93	86%
BBCW - L-31E Culverts-Homestead South	342	199	143	58%
BBCW - L-31E Culverts-Homestead South (Public-owned Lands) ²	633	409	224	65%
BBCW – Deering Estates/Shoal Point	197	83	114	42%
BBCW – Phase 2, Operations	1,291	1,291	0	100%
BBCW – Phase 2, Operations, (Miami-Dade External Partner Acquired) ¹	7,785	7,785	0	100%
BBCW –Phase 2, Operations (Public Owned Lands) ²	1,074	1,074	0	100%
Total	13,951	12,752	1,199	91%

¹Miami-Dade County, as an external partner, has acquired 7,785 acres.

² Public-owned lands that include land owned by Florida Power & Light. A letter of agreement will be required to use public-owned lands for the project.

LAND ACQUISITIONS FOR THE LOXAHATCHEE RIVER WATERSHED

Table 6-9 quantifies the acreage needed versus obtained within the Loxahatchee River Watershed region under the real estate acquisition plan as of September 30, 2015.

Table 6-9. Loxahatchee River Watershed region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
Pal-Mar and J.W. Corbett, Loxahatchee River Watershed Restoration Project (LRWRP) Natural Storage	7,542	7,542	0	100%
LRWRP Flow-way 1 Storage ¹	2,923	2,923	0	100%
L-8 Basin, LRWRP Flow-way 2 Storage ¹	1,916	1,916	0	100%
C-51 Reservoir and L-8 Flow Equalization Basin ²	1,800	1,270	530	70%
C-51 Regional Groundwater Aquifer Storage and Recovery	34	0	34	0%
Total	14,224	13,660	564	96%

¹Estimates of acres required represent the conceptual boundary acres and are subject to change.

²Land acquired for this feature have been designated for use by Restoration Strategies for Clean Water for the Everglades (SFWMD 2015).

LAND ACQUISITIONS FOR THE WATER PRESERVE AREAS

Table 6-10 quantifies the acreage needed versus obtained within the Water Preserve Areas region under the current real estate acquisition plan as of September 30, 2015.

Table 6-10. Water Preserve Areas region real estate acquisitions.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
Broward County Secondary Canal System	245	0	245	0%
Fran Reich Preserve (Site 1 Impoundment)	1,642	1,642	0	100%
Broward County Water Preserve Areas (BCWPA), Water Conservation Area (WCA)-3A/3B Seepage Management ¹	2,859	2,859	0	100%
BCWPA, WCA-3A/3B Seepage Management (Other Public Lands) ^{1,2}	1,494	0	1,494	0%
BCWPA, C-9 Impoundment ¹	1,807	1,807	0	100%
BCWPA, C-9 Impoundment - Optional Mitigation Area ^{1,3}		384	(384)	
BCWPA, C-9 Impoundment (Other Public Lands) ^{1,2}	69	0	69	0%
BCWPA, C-11 Impoundment ¹	1,543	1,543	0	100%
BCWPA, C-11 Impoundment (Other Public Lands) ^{1,2}	287	210	77	73%
Total	9,946	8,445	1,501	85%

¹Components of the BCWPA Project.

²Public-owned lands include land owned by Florida Power & Light. A letter of agreement will be required to use these public-owned lands for the project.

³The acres for the optional component of the BCWPA Project were included in the project implementation report/environmental impact statement (USACE and SFWMD 2012) as a possible addition to the project boundary; and are currently off-set by other acres and estimated dollars designated for other projects within the Water Preserve Areas region.

SECTION 6-4: MAJOR PLAN/PROGRAM HIGHLIGHTS

COMPREHENSIVE EVERGLADES RESTORATION PLAN

As of September 30, 2015, a total of 260,486 acres (64 percent) of land needed to implement CERP were acquired. A total of 4,510.35 acres were acquired in Fiscal Year 2014-2015 for CERP projects at a cost of \$22,792,483 that includes 1,840.81 acres acquired for the Palmar Complex NWSTA – C44 Basin at a cost of \$20,391,646 of which Martin County funded and acquired 288.87 acres at a cost of \$3,200,000; 2,501.63 acres acquired in easement from FDEP and FWC at a cost of \$2,058,382 for the Loxahatchee River Watershed Restoration Project; 6.25 acres acquired by FDEP for the Picayune Strand – Fakahatchee Project at a cost of \$5,795; and 101.14 acres acquired by Miami-Dade County at a cost of \$336,660. An additional 60.52 acres were obtained for CERP projects through mitigation and donation.

Additional information on the progress of CERP implementation is available in the Comprehensive Everglades Restoration Plan Annual Report – 470 Report in Volume I, Appendix 1-4.

FLORIDA FOREVER/SAVE OUR RIVERS PROJECTS

As of September 30, 2015, there are 35 FF/SOR projects totaling nearly 1.5 million required acres of land, of which 1.2 million acres of real estate interests have been acquired, approximately 46 percent in fee and 54 percent in easement.

The C-111 South Dade Project boundary includes 29,127 acres associated the Southern Glades, 5,274 acres associated within the Frog Pond, and 6,000 acres associated with L-31N, Rocky Glades. All are FF/SOR projects for the purpose of Everglades restoration and flood protection.

NORTHERN EVERGLADES AND ESTUARIES PROTECTION PROGRAM

In 2007, the Florida legislature expanded the Lake Okeechobee Protection Act to include protection of the Lake Okeechobee Watershed and the Caloosahatchee and St. Lucie Rivers estuaries, known as the Northern Everglades and Estuaries Protection Program (NEEPP) (Section 373.4595, F.S.). Funding for land acquisition and construction for NEEPP was provided for under Florida Forever.

Additional information on the progress of NEEPP implementation is available in the 2016 SFER – Volume I. Refer to Cross-reference for Northern Everglades and Estuaries Protection Program Reporting in Volume I, Appendix 1-6.

Table 6-11 quantifies the acreage needed versus obtained for NEEPP projects as of September 30, 2015.

Table 6-11. NEEPP.

Component	Acres Required	Acres Acquired	Remaining Acres	Percent Acquired
Caloosahatchee River Basin Water Quality Treatment and Testing Facility	1,766.40	1,766.40	0	100%
Lake Hicpochee Hydrologic Enhancement	807	807	0	100%
Lake Okeechobee Protection Plan	174	174	0	100%
Lemkin Creek Water Storage and Treatment Facility – Phase 1 ¹	151	151	0	100%
Total	2,766	2,766	0	100%

Note: Gagbee, Inc., Lakeside Ranch, Brandy Ranch, and Taylor Creek/Grassy Island acquisitions are reported as part potential CERP project surplus land within the Lake Okeechobee Watershed Region (see **Table 6A-3**) and are being designated for use by NEEPP projects.

¹Lemkin Creek Storage and Treatment Facility – Phase 1 Project has been incorporated into NEEPP.

SECTION 6-5: SURPLUS LAND

SURPLUS LANDS REPORT

The District acquires land for flood protection, water supply, water management, ecosystem restoration, and the conservation and protection of water resources. The District may sell or exchange surplus lands, including easements and other legal interests in real property, not required for present or future use. Surplus transactions are processed in accordance with Chapters 373.056, 373.089, and 373.096, F.S., and District rules, policies, and procedures.

Lands used by the District in an exchange or surplus transaction were determined, by a formal District routing and approval process, not necessary for any identified project. As further justification, some of these lands were acquired as remainder parcels, that is, portion of lands acquired outside approved project boundaries. The District uses exchange of surplus lands in lieu of cash to avoid costly condemnation proceedings and as further incentive for landowners.

During Fiscal Year 2014-2015, the District conveyed a total of 777.75 acres of real estate interests, 754.11 acres in fee simple, and 23.64 acres in non-fee interests. **Table 6-12** summarizes the real estate interests conveyed in Fiscal Year 2014-2015 as part of exchange or disposal transactions.

Table 6-12. Surplus lands conveyed in Fiscal Year 2014-2015.

PROJECT	COUNTY	ACRES	ESTATE	TRACT NUMBER/ ENCUMBRANCE NUMBER	CLOSING DATE	TRANSACTION DESCRIPTION
Caloosahatchee River Basin Water Quality Treatment & Testing Facility	Glades	1.25	Utility Easement	KC10E-005	10/15/14	Conveyed to Glades Electric Co-op, Inc. at no cost to supply power to the project.
		3.00		KC10E-006		
		0.14		KC10E-007		
Loxahatchee River Watershed Restoration	Palm Beach	150.14	Fee	23116-041	11/25/14	Exchange with FWC for multiple easements over tracts 23116-035, 036, 037, 038, 039, 042 and 044.
		0.28	Access Easement	2310E-002		
		8.06		2310E-004		
C-44 Stormwater Treatment Area	Martin	6.56	Utility Easement	JE10E-083	12/31/14	Granted 25-year utility easement for substation and permanent drainage easement to Florida Power & Light for \$50,000. Florida Power & Light will provide power to the project.
		0.88	Drainage Easement	JE10E-076		
Big Cypress Basin Field Station	Collier	0.06	Access Easement	OB10E-001	3/24/15	Reciprocal Driveway Easements exchanged with adjacent owners to facilitate construction of new Big Cypress Basin Field Station. Easements received over OB100-003 and OB100-004.
		0.07		OB10E-002		
C-44 Spoil Areas	Martin	2.08	Drainage Easement	FF10E-002	3/31/15	Granted Easements to Florida Department of Transportation for State Road 76 road widening project; \$244,900 for drainage easement; and \$28,900 for temporary construction easement (5 years).
		0.46	Temp Construction Easement	FF10E-003		
Lake Hicpochee Hydrologic Enhancement, NEEPP	Glades	0.50	Fee	KC100-027	5/1/15	Exchange: \$3,049 credited toward purchase of 78.71 acres (KC100-029).
Big Cypress Basin	Collier	1.62	Fee	01300-002	5/5/15	Conveyed 3 structures that are no longer Works of the District to Collier County at no cost.
		0.53	Canal Easement	01300-003		
Indian River Lagoon - South	St. Lucie	23.74	Fee	KE100-236	5/13/15	Surplus sale to highest bidder at \$107,000.
		102.54		KE100-238		Surplus sale to highest bidder at \$572,000.
Indian River Lagoon - South	Martin	0.15	Drainage Easement	JE10E-084	6/1/15	Granted to Hobe Sound Ranch, Ltd. as part of acquisition of JE100-074, JE100-081 and JE100-097. Drainage easement to benefit remainder property.
Kissimmee Field Station	Osceola	20.41	Fee	AG100-008	6/17/15	Surplus sale to highest bidder at \$480,105.
C-51	Palm Beach	0.07	Canal Easement	35100-051	8/3/15	Released portion of canal right of way to the Board of Trustees of the Internal Improvement Trust Fund (Florida Department of Transportation).
		0.05		35100-052		
Kissimmee Chain of Lakes (Tiger Lake)	Polk	5.40	Fee	18403-008	9/1/15	Surplus sale to highest bidder at \$103,000. Flowage easement retained over 3.39 acres for KRRP (18403-048).
Kissimmee Chain of Lakes (Tiger Lake)	Polk	14.76	Fee	18403-033	9/1/15	Surplus sale to highest bidder at \$137,200. Flowage easement retained over 9.18 acres for KRRP (18403-047).
Kissimmee Chain of Lakes (Tiger Lake)	Polk	11.55	Fee	18403-045	9/1/15	Surplus sale to highest bidder at \$116,600. Flowage easement retained over 9.17 acres for KRRP (18403-046).
Lake Okeechobee Water Retention Phosphorus Removal	Okeechobee	416.41	Fee	C1100-038	9/11/15	Surplus sale to highest bidder at \$2,132,000. Flowage easement retained over 56.13 acres of wetlands.
Caloosahatchee River Basin Water Quality Treatment & Testing Facility	Glades	3.47	Fee	KC100-023	9/18/15	Conveyed to Florida Department of Transportation for State Road 80 road widening project; \$98,700 for land and improvements, and \$316,300 for cost to cure to remainder property.
		3.57		KC100-026		
Total Acres Disposed - Fee						754.11
Total Acres Disposed or Encumbered - Varied Non-Fee Interests						23.64

LAND ASSESSMENT PROCESS

Over six decades, the District has acquired nearly 1.5 million acres of land (fee and non-fee interest) within its 16-county jurisdiction to support flood control infrastructure, protect water resources, and restore impaired ecosystems.

As part of a broad effort to maximize its resources to meet mission-critical responsibilities, the District conducted a comprehensive land assessment to ensure that these lands are being put to its most effective use. A similar assessment process was conducted by FDEP and the state's four other water management districts.

In September 2013, the first phase of the SFWMD land assessment was completed—a review of approximately 750,000 acres of fee-owned lands in which the District has full or shared ownership rights. A total of 21,357 acres of land were recommended and approved for further evaluation as potential surplus or exchange.

The next phase of the assessment process is now in progress. It involves conducting a complete review on each property identified for further evaluation. During this phase some of the lands will be recommended for alternative uses by the District while others will be recommended for sale or exchange.

SECTION 6-6: FLORIDA FOREVER LIST OF ELIGIBLE PROJECTS

Projects eligible for funding under the Florida Forever Act (Section 259.105, F.S.) as well as projects eligible for state acquisition monies from the appropriate account or trust fund under Section 373.139(3)(c), F.S., during the Fiscal Year 2014-2015 through Fiscal Year 2018-2019 period are listed in this section. Detailed project descriptions and supporting information are provided in the Consolidated Project Report Database, available on the District's website at www.sfwmd.gov/sfer.

CERP PROJECTS

Information on CERP projects is included for each of the projects on the CERP website at www.evergladesrestoration.gov. If available, the approved planning documents, as well as in-progress reports, are available on this website. The following two subcategories summarize all eligible CERP projects:

Full-Scale CERP Projects

- Big Cypress/L-28 Interceptor Modifications
- Bird Drive Recharge Area, as part of Everglades National Park (ENP) Seepage Management
- Biscayne Bay Coastal Wetlands
- Broward County Water Preserve Areas
- Broward County Secondary Canal System
- C-43 Basin Storage Reservoir and Aquifer Storage and Recovery (ASR) – Part 1
- C-44 Reservoir and Stormwater Treatment Area (STA) Adjacent Land (part of Indian River Lagoon – South)
- C-111 Spreader Canal
- Central Everglades Planning Project (considers EAA Storage Reservoirs, Phases 1 and 2; Flow to Northwest and Central Water Conservation Area (WCA) 3A; WCA-3 Decompartmentalization and Sheetflow Enhancement; and ENP Seepage Management)
- EAA Storage Reservoir, Phases 1 and 2
- ENP Seepage Management
- Fran Reich Preserve/Site 1 Impoundment
- Flow to Northwest and Central WCA-3A
- Indian River Lagoon – South
- Lake Okeechobee Watershed
- Loxahatchee River Watershed Restoration ²
- Picayune Strand Restoration - (formerly known as Southern Golden Gates Estates)
- Picayune Strand Restoration - Fakahatchee Strand and Belle Meade Adjacent Land
- WCA-3 Decompartmentalization and Sheetflow Enhancement – Part 1

Pilot Projects

- Hillsboro ASR Pilot
- L-30 (formerly L-31N) Seepage Management Pilot
- Lake Okeechobee ASR Pilot
- Wastewater Reuse Technology Pilot

² Formerly known as North Palm Beach County – Part 1

KISSIMMEE RIVER PROJECTS

- Kissimmee River Restoration Evaluation Program
- KRRP

FF/SOR PROJECTS

- C-111/L-31N (also known as C-111 Canal Project)
- Corkscrew Regional Ecosystem Watershed (CREW) - includes Critical Restoration Project component
- Kissimmee River (Lower Kissimmee Basin)
- Kissimmee River (Upper Kissimmee Basin, includes Kissimmee Chain of Lakes)
- Lake Marion Creek and Reedy Creek Management Area
- Pal-Mar (West Jupiter Wetlands)

NEEPP PROJECTS

- Brady Ranch STA
- Caloosahatchee Basin Storage and Treatment
- Caloosahatchee River Basin Water Quality Treatment and Testing Facility
- Dispersed Water Management
- Lake Hicpochee Hydrologic Enhancement
- Lakeside Ranch STA (Phases 1 and 2)
- Lemkin Creek
- Local and Sub-regional Water Quality ³
- Rio St. Lucie Stormwater Quality - Sediment Nutrients
- Spanish Creek/Four Corners

OTHER WATER RESOURCE PROJECTS

- Herbert Hoover Dike Rehabilitation Project
- STA-1 West Expansion
- Lainhart & Masten Dam Conveyance
- Bolles Canal (G-341)
- G-716 Structure Expansion (S-375)

³Formerly known as Source Control and Sub-regional Water Quality. Local projects include source control projects, local stormwater projects, and other type of local water quality and storage projects that will benefit the Northern Everglades; therefore, “source control” has been replaced by “local” in the project name.

SECTION 6-7: FLORIDA FOREVER GOALS AND PERFORMANCE MEASURES

This section presents the Florida Forever goals and performance measures that apply to all Florida water management districts and to FDEP. When the goals and performance measures for the Florida Forever Program were developed in collaboration with the Florida Forever Advisory Council, it was envisioned that these criteria would serve as a guide to land acquisition using Florida Forever funds.

While the District's funds are expected to be used to acquire land, the final footprints of projects may not be known when land is acquired. This is especially true for many CERP projects, for which exact locations are not yet available. Given this uncertainty, the Florida Forever goals and performance measures provide guidelines for acquisition managers as purchases are made. As land managers identify tracts for individual projects, the specific goals and performance measures the tracts satisfy must be identified.

To aid in this process, **Table 6-13** summarizes how each of the projects satisfies one or more Florida Forever goals and performance measures. As land managers acquire land for specific projects, this supporting information will aid in ensuring that future lands satisfy the requirements of the Florida Forever Program. The Florida Forever goals and performance measures specified in Section 259.105(5) a-h, F.S., are outlined below and cross-referenced in **Table 6-13**.

(5) It is the intent of the Legislature that projects or acquisitions funded pursuant to paragraphs (3) (a) and (b) contribute to the achievement of the following goals, which shall be evaluated in accordance with specific criteria and numeric performance measures developed pursuant s. 259.035(4):

(a) Enhance the coordination and completion of land acquisition projects, as measured by:

1. The number of acres acquired through the state's land acquisition programs that contribute to the enhancement of essential natural resources, ecosystem service parcels, and connecting linkage corridors as identified and developed by the best available scientific analysis;
2. The number of acres protected through the use of alternatives to fee simple acquisition; or
3. The number of shared acquisition projects among Florida Forever funding partners and partners with other funding sources, including local governments and the federal government.

(b) Increase the protection of Florida's biodiversity at the species, natural community, and landscape levels, as measured by:

1. The number of acres acquired of significant strategic habitat conservation areas;
2. The number of acres acquired of highest priority conservation areas for Florida's rarest species;
3. The number of acres acquired of significant landscapes, landscape linkages, and conservation corridors, giving priority to completing linkages;
4. The number of acres acquired of under-represented native ecosystems;
5. The number of landscape-sized protection areas of at least 50,000 acres that exhibit a mosaic of predominantly intact or restorable natural communities established through new acquisition projects, or augmentations to previous projects; or
6. The percentage increase in the number of occurrences of imperiled species on publicly managed conservation areas.

- (c) Protect, restore, and maintain the quality and natural functions of land, water, and wetland systems of the state, as measured by:
1. The number of acres of publicly owned land identified as needing restoration, acres undergoing restoration, enhancement, and management, acres with restoration activities completed, and acres managed to maintain such restored or enhanced conditions; the number of acres which represent actual or potential imperiled species habitat; the number of acres which are available pursuant to a management plan to restore, enhance, repopulate, and manage imperiled species habitat; and the number of acres of imperiled species habitat managed, restored, enhance, repopulated, or acquired;
 2. The percentage of water segments that fully meet, partially meet, or do not meet their designated uses as reported in the Department of Environmental Protection's State Water Quality Assessment 305(b) Report;
 3. The percentage completion of targeted capital improvements in surface water improvement and management plans created under Section 373.453(2), F.S., regional or master stormwater management system plans, or other adopted restoration plans;
 4. The number of acres acquired that protect natural floodplain functions;
 5. The number of acres acquired that protect surface waters of the state;
 6. The number of acres identified for acquisition to minimize damage from flooding and the percentage of those acres acquired;
 7. The number of acres acquired that protect fragile coastal resources;
 8. The number of acres of functional wetland systems protected;
 9. The percentage of miles of critically eroding beaches contiguous with public lands that are restored or protected from further erosion;
 10. The percentage of public lakes and rivers in which invasive, non-native aquatic plants are under maintenance control; or
 11. The number of acres of public conservation lands in which upland invasive, exotic plants are under maintenance control.
- (d) Ensure that sufficient quantities of water are available to meet the current and future needs of natural systems and the citizens of the state, as measured by:
1. The number of acres acquired which provide retention and storage of surface water in naturally occurring storage areas, such as lakes and wetlands, consistent with the maintenance of water resources or water supplies and consistent with district water supply plans;
 2. The quantity of water made available through the water resource development component of a district water supply plan for which a water management district is responsible; or
 3. The number of acres acquired of groundwater recharge areas critical to springs, sinks, aquifers, other natural systems or water supply.
- (e) Increase natural resource-based public recreational and educational opportunities, as measured by:
1. The number of acres acquired that are available for natural resource-based public recreation or education;
 2. The miles of trails that are available for public recreation, giving priority to those that provide significant connections including those that will assist in completing the Florida National Scenic Trail; or

3. The number of new resource-based recreation facilities, by type, made available on public land.
- (f) Preserve significant archaeological or historic sites, as measured by:
1. The increase in the number of and percentage of historic and archaeological properties listed in the Florida Master Site File or National Register of Historic Places which are protected or preserved for public use; or
 2. The increase in the number and percentage of historic and archaeological properties that are in state ownership.
- (g) Increase the amount of forestland available for sustainable management of natural resources, as measured by:
1. The number of acres acquired that are available for sustainable forest management;
 2. The number of acres of state owned forestland managed for economic return in accordance with current best management practices;
 3. The number of acres of forestland acquired that will serve to maintain natural groundwater recharge functions; or
 4. The percentage and number of acres identified for restoration actually restored by reforestation.
- (h) Increase the amount of open space available in urban areas, as measured by:
1. The percentage of local governments that participate in land acquisition programs and acquire open space in urban cores; or
 2. The percentage and number of acres of purchases of open space within urban service areas.

Table 6-13. Florida Forever goals, performance measures, and projects cross-reference guide.

Goals									Project Name ¹
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	ID	
3			2	1,2,3				10	Big Cypress/L-28 Interceptor Modifications, CERP (CCC)
3			2	1,2,3				43	Bird Drive Recharge Area (U), as part of ENP Seepage Management,
3		7,2	1	1,2,3				28	Biscayne Bay Coastal Wetlands, CERP (FFF/OPE)
3		5,11	1	1,3					Brady Ranch STA, NEEPP
3		2	1	3				45	Broward County WPA (C-9 and C-11 Impoundments and WCA-3A/3B Levee Seepage Management), CERP (O,Q)
3			1	1,2,3				24	Broward County Secondary Canal System, CERP (CC) (P1)
		3							Bolles Canal (G-341), Restoration Strategies
3			2	1,2,3					C-111/L-31N (C-111 Canal Project or C-111 Project Implementation)
3	3	2	1	1,2,3				29	C-111 Spreader Canal, CERP (WW) (WW)
3			2,3	1,2,3				4	C-43 Basin Storage Reservoir and ASR – Part 1, CERP (DP1)
3			2	1,2,3				5	Caloosahatchee River (C-43) Basin West Storage Reservoir, CERP
3		2,3,5							Caloosahatchee River Basin Water Quality Treatment and Testing Facility, NEEPP
1		1,5	1	1,3					Caloosahatchee Basin Storage and Treatment, NEEPP
3			2	1,2,3				7	Indian River Lagoon – South, C-44 Reservoir and STA, CERP
3			2	1,2,3				7	Indian River Lagoon – South, C-44 Reservoir and STA adjacent lands, CERP
1,3	1,2,3,5	1,2,3,4,5,6,8,10,11	1,3	1,2,3					Corkscrew Regional Ecosystem Watershed (CREW), including Southern CREW
		2	2	1,2,3					Central Everglades Planning Project, CERP
2			1						Dispersed Water Management, NEEPP
3		2	2,3	1,2,3				8	EAA Storage Reservoirs (includes Bolles and Cross Canals Improvement), CERP (GP1 and 2)
3			2	1,2,3				27	ENP Seepage Management, CERP (V,FF,BB)
3	3			1,2,3				11	Flow to Northwest and Central WCA-3A, CERP (II)(RR)
		3							G-716 Structure Expansion (S-375), Restoration Strategies
2,3									Herbert Hoover Dike Rehabilitation Project

¹ Project Name column includes parenthetic references that correspond to Central and Southern Florida Comprehensive Review Study components (USACE and SFWMD 1999) for some CERP projects.

Table 6-13. Continued.

Goals									ID	Project Name ¹
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)			
3		1,2,4,5	1,2	1,2,3					7	Indian River Lagoon – South, C-23/C-24/C-25/North Fork Reservoirs and STAs; C-44 Basin Storage Reservoir including adjacent land; and natural storage areas (Allapattah, Cypress Creek, and South Fork, CERP
1,2		1,4	2							Kissimmee River (Lower Kissimmee Basin)
1,2		1,4	2							Kissimmee River (Upper Kissimmee Basin), includes Kissimmee Chain of Lakes
1,2		1,4								Kissimmee River Restoration Evaluation Program
1,2		1,4								Kissimmee River Restoration Project
3			2	1,2,3					36	L-30 (formerly L-31N) Seepage Management Pilot Project (Pilot), CERP
1		1,8	1							Lake Hicpochee Hydrologic Enhancement
1		8, 11		1						Lake Marion Creek and Reedy Creek Management Area
3			1,2	1,2,3					32	Lake Okeechobee ASR Pilot Project, CERP
		5	2	2						Lake Okeechobee Watershed, CERP
3		5,11	1	1,3	1,2					Lakeside Ranch STA (Phases I and 2), NEEPP
		5								Lemkin Creek, NEEPP
										Lainhart & Masten Dam Conveyance, Restoration Strategies
1,3		1	1						17	Loxahatchee River Watershed Restoration - PAL-Mar and Lake Worth Lagoon, CERP
1,3	3	1	1							Pal-Mar (West Jupiter Wetlands), CERP
3		1,4,6	2	1,2,3					30	Picayune Strand Restoration, CERP
3		1,4,6	2	1,2,3					30	Picayune Strand Restoration – Fakahatchee Strand adjacent land, CERP
		2,3								Rio St. Lucie Stormwater Quality - Sediment Nutrients
				1,2,3					34	Site 1 (Hillsboro) Impoundment and ASR Pilot, CERP
		2,3								Local and Sub-regional Water Quality
		3,8								Spanish Creek/Four Corners
3		2	2,3	1,2,3					40	Fran Reich Preserve/Site 1 Impoundment, CERP
		3								STA-1 West Expansion, Restoration Strategies
3	3			1,2,3					12,13	WCA-3 Decompartmentalization and Sheetflow Enhancement – WCA Conveyance, CERP

¹ Project Name column includes parenthetical references that correspond to Central and Southern Florida Comprehensive Review Study components (USACE and SFWMD 1999) for some CERP projects.

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