

Appendix 1-4: Comprehensive Everglades Restoration Plan Annual Report – 470 Report

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INTRODUCTION

The Comprehensive Everglades Restoration Plan (CERP) Annual Report (also known as the CERP 470 Report) is required to provide oversight and accountability for financial commitments under the Everglades restoration legislation, and to record progress of the CERP implementation, in accordance with Section 373.470(7), Florida Statutes (F.S.). This report is prepared annually by the South Florida Water Management District (SFWMD or District) in cooperation with the Florida Department of Environmental Protection (FDEP), and is made available to the legislature and public as part of the *2016 South Florida Environmental Report (SFER) – Volume I*. The CERP Annual Report fulfills statutory reporting requirements, providing CERP financial updates for Fiscal Year 2014-2015 (October 1, 2014–September 30, 2015) and the status on CERP implementation. The report is divided into three parts (A, B, and C), paralleling the content requirement outlined in the statute.

Similar to previous SFERs, Parts (A) and (B) in this year's report provide an update on District and FDEP fund appropriations, revenues, and expenditures related to the CERP Program. Information is provided on the Florida Forever Trust Fund, the Save Our Everglades Trust Fund, and other funding sources used for CERP projects, components, features, or facilities that benefit CERP. Additionally, itemized expenditures related to CERP implementation are presented, along with the purpose for which the funds were expended, the unencumbered fund balance remaining for CERP implementation, and the schedule of anticipated expenditures for the next fiscal year (Fiscal Year 2015-2016). As FDEP fund appropriations, revenues, and expenditures reflect the Save Our Everglades Trust Fund in its entirety, funding used for implementation of the Northern Everglades and Estuaries Protection Program (NEEPP) is also included. Reporting information for the NEEPP is presented in Appendix 1-6 of this volume.

Part (C) in this year's report provides an overview of the CERP implementation by reviewing the progression of each project or component through the CERP implementation process. Additionally, highlights of key CERP activities occurring during the reporting cycle are provided. To further streamline annual reporting, project specific details such as descriptions, project schedules, fiscal year milestones, and accomplishments are available in the SFER Consolidated

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Project Report Database at www.sfwmd.gov/sfer. Further reporting information on CERP is also available at www.evergladesrestoration.gov.

PART (A) FUNDS – SFWMD AND FDEP

BACKGROUND

Pursuant to Section 373.470(7)(a), F.S., Part (A) of the CERP Annual Report contains fiscal-year information on revenues, expenditures, fund balance, and anticipated expenditures related to CERP implementation. This is summarized in **Tables 1** through **4** as follows:

- **Table 1:** Fiscal Year 2014-2015 revenues
- **Table 2:** Fiscal Year 2014-2015 expenditures
- **Table 3:** Fiscal Year 2014-2015 unencumbered fund balance remaining in trust funds or other accounts
- **Table 4:** Anticipated expenditures for the next fiscal year, Fiscal Year 2015-2016

The financial information contained in this annual report is taken from unaudited Fiscal Year 2014-2015 records. Audited Fiscal Year 2014-2015 information is scheduled to be available during the second quarter of Fiscal Year 2015-2016. Any changes to the financial information presented in this appendix will be reflected in the District's Comprehensive Annual Financial Report and in future CERP Annual Reports. No federal revenues or expenditures are shown in these schedules.

The District is funding its share of CERP with revenues from several sources, the largest portion of which is composed of ad valorem taxes. Other sources include, but are not limited to, state appropriations, investment earnings on available cash balances, contributions from local governments, mitigation revenues, long-term debt, and Florida Forever Program funds (for additional information, see Volume II, Chapter 6).

BASIS OF PRESENTATION

Accounting principles, policies, and practices of both the District and FDEP conform with accounting principles generally accepted in the United States for state and local governments, and are structured in accordance with the Governmental Accounting Standards Board requirements. Generally accepted accounting principles (GAAP) require the use of fund accounting. A fund is a separate fiscal and accounting entity having a self-balancing set of accounts. Fund accounting is designed to segregate transactions related to certain functions or activities to ensure resources are applied to finance the activities and objectives for which the resources are received and to show compliance with legal and contractual obligations.

Table 1. CERP revenues for
Fiscal Year 2014-2015 (October 1, 2014–September 30, 2015).¹

Source	SFWMD ²	FDEP ³	Other Local Sponsors	Total
Save Our Everglades Trust Fund				
General Revenue		\$51,209,170		\$51,209,170
Documentary Stamp Taxes for Debt Service		\$14,752,748		\$14,752,748
Transfer-Conservation and Recreation Lands Trust Fund		\$10,500,000		\$10,500,000
Transfer-Land Acquisition Trust Fund		\$12,500,000		\$12,500,000
Transfer-Solid Waste Management Trust Fund		-		-
Transfer-Water Management Lands Trust Fund - Comprehensive Everglades Restoration		\$7,700,000		\$7,700,000
Transfer-Water Management Lands Trust Fund - Restoration Strategies Regional Water Quality Plan		\$20,000,000		\$20,000,000
Investment Earnings (net)		\$1,243,447		\$1,243,447
Save Our Everglades Trust Fund – Total		\$117,905,365	\$0	\$117,905,365
Ad Valorem Resources	\$26,444,640			\$26,444,640
Investment Earnings				-
Florida Forever Trust Fund		\$17,068,986		\$17,068,986
State Appropriations	\$999,700			\$999,700
Alligator Alley Toll Revenues	\$7,081,469			\$7,081,469
Lease Revenues				-
Miscellaneous Revenues	\$656,069			\$659,069
Total Revenues	\$35,181,878	\$134,974,351	\$0	\$170,156,229

¹ Federal revenues are not listed in this table.

² This information is being presented prior to the completion of the SFWMD annual audit and is subject to further adjustments.

³ This information for FDEP reflects the Save Our Everglades Trust Fund in its entirety, including funding to be used for implementation of the NEEPP and Restoration Strategies for Clean Water for the Everglades (Restoration Strategies).

Table 2. CERP expenditures for Fiscal Year 2014-2015.^{1,2.}

Projects ³	SFWMD	FDEP	Total Expenditures
Local Sponsor - SFWMD^{4,5}			
Pilot Projects			
Lake Okeechobee ASR Pilot			\$0
Caloosahatchee River (C-43) ASR Pilot			\$0
Hillsboro ASR Pilot			\$0
ASR Regional Study			\$0
Lake Belt In-Ground Reservoir Technology Pilot			\$0
L-31N Seepage Management Pilot			\$0
Wastewater Reuse Technology Pilot			\$0
Lake Okeechobee Region			
Lake Okeechobee Watershed	\$82,177		\$82,177
Lake Istokpoga Regulation Schedule			\$0
Lake Okeechobee ASR			\$0
Lower West Coast Region			
C-43 Basin Storage Reservoir – Part 1	\$270,481	\$177,917	\$448,398
C-43 Basin ASR – Part 2			\$0
Caloosahatchee Backpumping with Stormwater Treatment			\$0
Picayune Strand (SGGE) Hydrologic Restoration	\$1,455,445	\$1,358,308	\$2,813,753
Big Cypress/L-28 Interceptor Modifications			\$0
Upper East Coast Region			
Indian River Lagoon – South / C-44 Reservoir and STA	\$1,619,660	\$18,106,885	\$19,726,545
Indian River Lagoon – South / Natural Storage and WQT Areas		\$16,984,718	\$16,984,718
Indian River Lagoon – South	\$19,981		\$19,981
Everglades Agricultural Area			
EAA Storage Reservoirs – Phase 1			\$0
EAA Bolles and Cross Canals			\$0
EAA Storage Reservoirs – Phase 2			\$0
Everglades, Florida Bay, and Florida Keys Region			
Central Everglades Planning Project	\$23,519		\$23,519
Flow to Northwest and Central WCA-3A			\$0
WCA-3 Decomp and Sheetflow Enhancement – Part 1	\$426,930		\$426,930
WCA-3 Decomp and Sheetflow Enhancement – Part 2			\$0
ENP Seepage Management			\$0
Bird Drive Recharge Area			\$0
Loxahatchee National Wildlife Refuge Internal Canal Structures			\$0
Modify Holey Land Wildlife Management Area Operation Plan			\$0
Modify Rotenberger Wildlife Management Area Operation Plan			\$0
Melaleuca Eradication and Other Exotic Plants			\$0
Florida Keys Tidal Restoration			\$0

Table 2. Continued.

Projects	SFWMD	FDEP	Total Expenditures
Loxahatchee River Watershed Region			
Loxahatchee River Watershed	\$281,157		\$281,157
LRWRP Flow-way 2 Storage	\$83,517		\$83,517
L-8 Reservoir (CERPL17C)	\$3,166,620	\$5,565,153	\$8,731,773
Loxahatchee River Watershed – Part 2			\$0
Water Preserve Areas Region			
ACME Basin B Discharge			\$0
Strazzulla Wetlands			\$0
Fran Reich Preserve / Site 1 Impoundment	\$25,660		\$25,660
Broward County Water Preserve Area	\$37,501		\$37,501
C-11 Impoundment			\$0
C-9 Impoundment			\$0
WCA-3A/3B Seepage Management			\$0
C-4 Structure			\$0
PBC Agriculture Reserve Reservoir – Part 1			\$0
PBC Agriculture Reserve ASR – Part 2			\$0
Hillsboro ASR – Part 2			\$0
Diverting WCA Flows to CLB to Downstream Natural Areas			\$0
Broward County Secondary Canal System			\$0
Miami-Dade Region			
North Lake Belt Storage Area			\$0
Central Lake Belt Storage Area			\$0
Biscayne Bay Coastal Wetlands (CERPL28) ⁶	\$255,838		\$255,838
C-111 Spreader Canal	\$273,083		\$273,083
Critical Restoration Projects			
Ten Mile Creek	\$1,021,359		\$1,021,359
Western Tamiami Trail Culverts			\$0
Western C-4 Water Control Structures			\$0
Southern CREW	\$36,022		\$36,022
Lake Trafford Restoration			\$0
Lake Okeechobee Water Retention/Phosphorus Removal	\$4,353		\$4,353
Western C-11 Water Quality Improvement			\$0
Critical Restoration Program Controls			\$0
Reconnaissance, Feasibility, and Planning Studies			
Southwest Florida Feasibility Study			\$0
Florida Bay and Florida Keys Feasibility Study			\$0
Indian River Lagoon Feasibility Study			\$0
Water Preserve Areas Feasibility Study			\$0

Table 2. Continued.

Projects	SFWMD	FDEP	Total Expenditures
Monitoring and Evaluation			
RECOVER	\$319,415		\$319,415
Adaptive Assessment and Monitoring	\$978,211		\$978,211
Program Management and Support			
Program Management	\$2,640,987		\$2,640,987
Debt Service ⁶	\$15,725,409	\$14,752,748	\$30,478,157
Program Support ⁶	\$3,037,679	\$285,196	\$3,322,875
Program Controls			\$0
Public Involvement and Outreach			\$0
Environmental and Economic Equity			\$0
Data Management	\$312,795		\$312,795
Interagency Modeling Center	\$443,753		\$443,753
Master Recreation Plan			\$0
Programmatic Regulations			\$0
CERP Pre-Cursors			
C-111 South Dade/MWD/CSOP Project Implementation	\$520,113		\$520,113
Other Local Sponsors⁷			
Comprehensive Integrated Water Quality Feasibility Study (FDEP)		\$134,585	\$134,585
Biscayne Bay Feasibility Study (Miami-Dade DERM)	N/A		N/A
Seminole Tribe Big Cypress Reservation Water Conservation Plan (Seminole Tribe)	N/A		N/A
Henderson Creek/Belle Meade Restoration (FDEP)	N/A		N/A
Lakes Park Restoration (Lee County)	N/A		N/A
Winsberg Farms Wetlands Restoration (Palm Beach County)	N/A		N/A
Miccosukee Water Management Plan (Miccosukee Tribe)	N/A		N/A
Restoration of Pineland & Hardwood Hammocks in C-111 Basin (Miami-Dade County)	N/A		N/A
West Miami-Dade Reuse (Miami-Dade County)	N/A		N/A
South Miami-Dade Reuse (Miami-Dade County)	N/A		N/A
Total	\$33,061,665	\$57,365,510	\$ 90,427,175

¹ Federal expenditures are not listed in table.

² SFWMD Fiscal Year 2014-2015 expenditures exclude \$ 27,449,178 of anticipated Save Our Everglades Trust Fund and other state funding for which the District will seek reimbursement.

³ Key to acronyms: ASR – Aquifer Storage and Recovery, CLB – Central Lake Belt; CREW – Corkscrew Regional Ecosystem Watershed, CSOP – Combined Structural and Operational Plan, Decom – Decentralization, DERM – Department of Environmental Resources Management, EAA – Everglades Agricultural Area; ENP – Everglades National Park, LRWRP – Loxahatchee River Watershed Restoration Project, MWD – Modified Water Deliveries to Everglades National Park, PBC – Palm Beach County, RECOVER – Restoration Coordination and Verification, SGGE – Southern Golden Gate Estates, STA – Stormwater Treatment Area, WCA – Water Conservation Area, WQT – Water Quality Treatment Areas

⁴ Project expenditures include indirect costs that are charged to the program by applying a federally approved rate to direct salaries.

⁵ This information is being presented prior to the completion of the SFWMD annual audit and is subject to further adjustments.

⁶ Debt service for SFWMD on the 2006 Series Certificates of Participation to fund project construction; and Debt Service for existing bonds issued by FDEP for CERP, NEEPP, and Restoration Strategies for Clean Water for the Everglades (Restoration Strategies) projects. Program Support for FDEP represents administrative support for CERP, NEEPP, and Restoration Strategies projects.

⁷ N/A indicates the information is not available.

Table 3. CERP unencumbered fund balance for Fiscal Year 2014-2015.¹

	SFWMD ²	FDEP ³	Other Local Sponsors ⁴	Total
Fund Balance as of October 1, 2014⁴	\$57,686,762	\$68,847,087	N/A	\$126,533,849
Add: Revenues	\$34,181,878	\$134,974,351	N/A	\$169,156,229
Less: Expenditures	(\$33,061,665)	(\$83,312,071)	N/A	(\$116,373,736)
Fund Balance as of September 30, 2015⁵	\$58,806,975	\$120,509,367	N/A	\$179,316,342
Less: Encumbrances as of September 30, 2015	(\$429,447)	(\$4,699)	N/A	(\$434,146)
Less: Designated Fund Balance ⁶	(\$34,705,483)	-	N/A	(\$34,705,483)
Add: Fund Balance Reserved for Encumbrances as of September 30, 2014	-	\$4,699	N/A	\$4,699
Unencumbered Balance as of September 30, 2015	\$23,672,045	\$120,509,367	N/A	\$144,181,412

¹ Federal revenues and expenditures are not included in this table.

² This information is being presented prior to the completion of the SFWMD annual audit and is subject to further adjustments.

³ The information for FDEP reflects the Save Our Everglades Trust Fund in its entirety, including funding to be used for NEEPP and Restoration Strategies for Clean Water for the Everglades project implementation.

⁴ N/A indicates the information is not available.

⁵ Fund balance figures for SFWMD include the ad valorem funds and other creditable CERP funds.

⁶ This represents the ad valorem and other funds portion of fund balance designated to fund the following year's budget.

Table 4. CERP anticipated expenditures for Fiscal Year 2015-2016
(October 1, 2015–September 30, 2016).^{1,2}

Projects ³	Total Anticipated Expenditures
Local Sponsor - SFWMD	
Pilot Projects	
Lake Okeechobee ASR Pilot	
Caloosahatchee River (C-43) ASR Pilot	
Hillsboro ASR Pilot	
ASR Regional Study	\$2,500,000
Lake Belt In-Ground Reservoir Technology Pilot	
L-31N Seepage Management Pilot	
Wastewater Reuse Technology Pilot	
Lake Okeechobee Region	
Lake Okeechobee Watershed	\$1,112,734
Lake Istokpoga Regulation Schedule	
Lake Okeechobee ASR	
Lower West Coast Region	
C-43 Basin Storage Reservoir – Part 1	\$28,780,355
C-43 Basin ASR – Part 2	
Caloosahatchee Backpumping with Stormwater Treatment	
Picayune Strand (SGGE) Hydrologic Restoration	\$12,212,691
Big Cypress/L-28 Interceptor Modifications	
Upper East Coast Region	
Indian River Lagoon – South/C-44 Reservoir and STA	\$78,579,562
Indian River Lagoon – South	\$3,088,941
Everglades Agricultural Area	
EAA Storage Reservoirs – Phase 1	
EAA Bolles and Cross Canals	
EAA Storage Reservoirs – Phase 2	
Everglades, Florida Bay, and Florida Keys Region	
Central Everglades Planning Project	
Flow to Northwest and Central WCA-3A	
WCA-3 Decomp and Sheetflow Enhancement – Part 1	\$708,391
WCA-3 Decomp and Sheetflow Enhancement – Part 2	
ENP Seepage Management	
Bird Drive Recharge Area	
Loxahatchee National Wildlife Refuge Internal Canal Structures	
Modify Holey Land Wildlife Management Area Operation Plan	
Modify Rotenberger Wildlife Management Area Operation Plan	
Melaleuca Eradication and Other Exotic Plants	
Florida Keys Tidal Restoration	

Table 4. Continued.

Projects ³	Total Anticipated Expenditures
Loxahatchee River Watershed Region	
Loxahatchee River Watershed	\$426,412
LRWRP Flow-way 2 Storage	1,908,574
L-8 Reservoir (CERPL17C)	\$13,035,911
Loxahatchee River Watershed – Part 2	
Water Preserve Areas Region	
ACME Basin B Discharge	
Strazzulla Wetlands	
Fran Reich Preserve, Site 1 Impoundment	\$20,515
Broward County Water Preserve Area	\$53,419
C-11 Impoundment	
C-9 Impoundment	
WCA-3A/3B Seepage Management	
C-4 Structure	
PBC Agriculture Reserve Reservoir – Part 1	
PBC Agriculture Reserve ASR – Part 2	
Hillsboro ASR – Part 2	
Diverting WCA Flows to CLB to Downstream Natural Areas	
Broward County Secondary Canal System	
Miami-Dade Region	
North Lake Belt Storage Area	
Central Lake Belt Storage Area	
Biscayne Bay Coastal Wetlands (CERPL28)	\$2,017,867
C-111 Spreader Canal (CERPL29)	\$499,135
Critical Restoration Projects	
Ten Mile Creek	\$7,724,148
Western Tamiami Trail Culverts	
Western C-4 Water Control Structures	
Southern CREW	\$4,321,976
Lake Trafford Restoration	
Lake Okeechobee Water Retention/Phosphorus Removal	\$28,608
Western C-11 Water Quality Improvement	
Critical Restoration Program Controls	
Reconnaissance, Feasibility, and Planning Studies	
Southwest Florida Feasibility Study	
Florida Bay and Florida Keys Feasibility Study	
Indian River Lagoon Feasibility Study	
Water Preserve Areas Feasibility Study	

Table 4. Continued.

Projects ³	Total Anticipated Expenditures
Monitoring and Evaluation	
RECOVER	\$803,689
Adaptive Assessment and Monitoring	\$1,309,908
Program Management and Support	
Program Management and Support	\$ 3,453,627
Program Controls ⁴	\$ 3,332,968
Debt Service ⁵	\$ 39,664,128
Public Involvement and Outreach	
Environmental and Economic Equity	
Data Management	\$206,574
Interagency Modeling Center	\$235,563
Master Recreation Plan	
Programmatic Regulations	
CERP Pre-Cursors	
C-111/MWD/CSOP Project Implementation	\$21,025,432
Other Local Sponsors	
Comprehensive Integrated Water Quality Feasibility Study (FDEP)	\$1,838,196
Biscayne Bay Feasibility Study (Miami-Dade DERM)	N/A ⁶
Seminole Tribe Big Cypress Reservation Water Conservation Plan (Seminole Tribe)	N/A
Henderson Creek/Belle Meade Restoration (FDEP)	N/A
Lakes Park Restoration (Lee County)	N/A
Winsberg Farms Wetlands Restoration (Palm Beach County)	N/A
Miccosukee Water Management Plan (Miccosukee Tribe)	N/A
Restoration of Pineland & Hardwood Hammocks in C-111 Basin (Miami-Dade County)	N/A
West Miami-Dade Reuse (Miami-Dade County)	N/A
South Miami-Dade Reuse (Miami-Dade County)	N/A
Total	\$ 228,889,324

¹ Federal expenditures are not listed on this table.

² Total anticipated expenditures include debt service and personnel services.

³ Key to acronyms: ASR – Aquifer Storage and Recovery, CLB – Central Lake Belt; CREW – Corkscrew Regional Ecosystem Watershed, CSOP – Combined Structural and Operational Plan, Decomp – Decentralization, DERM – Department of Environmental Resources Management, EAA – Everglades Agricultural Area; ENP – Everglades National Park, LRWRP – Loxahatchee River Watershed Restoration Project, MWD – Modified Water Deliveries to Everglades National Park, PBC – Palm Beach County, RECOVER – Restoration Coordination and Verification, SGGE – Southern Golden Gate Estates, STA – Stormwater Treatment Area, and WCA – Water Conservation Area.

⁴ Includes the cost of District central service departments (accounting, budget, procurement, etc.) charged to the program by applying a federally approved indirect rate to direct salaries and FDEP administrative costs of the Bureau of Finance and Accounting.

⁵ Represents budgeted debt service of \$15,718,921 in Fiscal Year 2015-2016 on District issued Certificates of Participation issued in 2006 (Fiscal Year 2006-2007) to fund CERP- related project construction and debt service of \$23,945,20 on existing bonds issued by FDEP to fund CERP, NEEPP and Restoration Strategies for Clean Water for the Everglades project implementation.

⁶ N/A – not available.

PART (B) FUNDS – FDEP

BACKGROUND

Pursuant to Section 373.470(7)(b), F.S., Part (B) of the CERP Annual Report provides a detailed account of all funds expended by the State of Florida toward land acquisition, design and construction for CERP in Fiscal Year 2014-2015. Every CERP project component is or will be described in a project implementation report, and subsequently executed project partnership agreement. The amount of expenditures to be credited toward the State of Florida's share of funding for implementation of CERP will be developed during the detailed design phase and affirmed in the respective project partnership agreements.

Table 5 provides the FDEP Annual Report for CERP. As FDEP fund appropriations and expenditures reflect the Save Our Everglades Trust Fund in its entirety, funding used for implementation of the Northern Everglades and Estuaries Protection Program (NEEPP) and Restoration Strategies for Clean Water for the Everglades (Restoration Strategies) is also included. In this volume, refer to Appendix 1-6 for reporting information on NEEPP and Chapter 5A for status updates on Restoration Strategies projects.

BASIS OF PRESENTATION

The FDEP accounting policies conform to GAAP for state and local governmental units and are structured in accordance with the Governmental Accounting Standards Board requirements. The information in these special-purpose financial presentations relates to the general fund and to special revenue funds classified as a governmental fund type. Special revenue funds are used to account for specific revenue sources that are legally restricted to expenditure for specified purposes (**Table 5**).

Table 5. FDEP, CERP, NEEPP, and Restoration Strategies Annual Report for Fiscal Year 2014-2015.

	Save Our Everglades Trust Fund	General Revenue Fund	Florida Forever Trust Fund	Totals
REVENUES - By source of funds				
General Revenue	\$48,300,000	\$2,909,170		\$51,209,170
Documentary Stamp Taxes for Debt Service	\$14,752,748			\$14,752,748
Transfer-Conservation and Recreation Land Trust Fund	\$10,500,000			\$10,500,000
Transfer-Land Acquisition Trust Fund	\$12,500,000			\$12,500,000
Transfer-Solid Waste Management Trust Fund	\$-			\$-
Transfer-Water Management Lands Trust Fund - Comprehensive Everglades Restoration	\$7,700,000			\$7,700,000
Transfer-Water Management Lands Trust Fund – Restoration Strategies Regional Water Quality Plan	\$20,000,000			\$20,000,000
Florida Forever Trust Fund			\$17,068,986	\$17,068,986
Interest Earnings (Net)	\$1,243,447			\$1,243,447
TOTAL REVENUES	\$114,996,195	\$2,909,170	\$17,068,986	\$134,974,351

Table 5. Continued.

	Save Our Everglades Trust Fund	General Revenue Fund	Florida Forever Trust Fund	Totals
EXPENDITURES - By Projects¹				
CERP Projects:				
C-43 West Basin Storage Reservoir (CERPL04)	\$177,917			\$177,917
L-8 Reservoir (CERP17C)	\$2,655,983	\$2,909,170		\$5,565,153
Picayune Strand Restoration (CERPL30)	\$1,274,039		\$84,268	\$1,358,307
C-44 Basin Storage Reservoir St Lucie (CERPL7A)	\$18,106,885			\$18,106,885
Indian River Lagoon South – Natural Storage and Water Quality Treatment Areas			\$16,984,718	\$16,984,718
CERP Water Quality Copper In Snails Study (WQFS4)	\$42,885			\$42,885
CERP Water Quality Mercury Methylation Study (WQFS5)	\$85,000			\$85,000
CERP Water Quality Sediment Guidelines Modification Study (WQFFS6)	\$6,700			\$6,700

Table 5. Continued.

	Save Our Everglades Trust Fund	General Revenue Fund	Florida Forever Trust Fund	Totals
EXPENDITURES - By Projects¹				
NEEPP Projects:²				
Lake Hicpochee North Hydrologic Enhancement (CRE04)	\$334,233			\$334,233
Spanish Creek (CRE44)	\$84,683			\$84,683
Northern Everglades Agricultural Nonpoint Source (NELOCASLDA1)	\$250,000			\$250,000
Nicodemus Slough - (NEAWS1	\$828,551			\$828,551
Restoration Strategies:³				
A-1 Flow Equalization Basin (RASA1FEB)	\$7,750,622			\$7,750,622
G-341 Conveyance Improvement (RSG341)	\$355,453			\$355,453
L-8 Flow Equalization Basin (RSL8FEB)	\$12,877,984			\$12,877,984
Stormwater Treatment Area (RSSTA1WEX)	\$3,465,036			\$3,465,036
CERP and NEEPP:				
Debt Service on Bonds	\$14,752,748			\$14,752,748
Transfer - Administrative Trust Fund	\$285,196			\$285,196
TOTAL EXPENDITURES	\$63,333,915	\$2,909,170	\$17,068,986	\$83,312,071

Table 5. Continued.

	Save Our Everglades Trust Fund	General Revenue Fund	Florida Forever Trust Fund	Totals
ENCUMBRANCES	\$4,699			\$4,699
TOTAL ENCUMBRANCES	\$4,699			\$4,699
Excess (Deficiency) of Revenues Over Expenditures and Encumbrances	\$51,657,581			\$51,657,581
Unencumbered Balance as of September 30, 2014	\$68,847,087			\$68,847,087
Fund Balance Reserved for Encumbrances as of September 30, 2014	\$4,699			\$4,699
Unencumbered Balance as of September 30, 2015	\$120,509,367			\$120,509,367

¹ Expenditures by project reflect trust fund monies issued to SFWMD through the FDEP reimbursement process.

² Refer to Appendix 1-6 of this volume for information on the NEEPP.

³ Refer to Chapter 5A of this volume for information on Restoration Strategies projects.

PART (C) – IMPLEMENTATION STATUS

BACKGROUND

CERP is a conceptual plan that proposes major modifications to the Central and Southern Florida Project in order to reverse decades of ecosystem decline (USACE and SFWMD, 1999). Specifically, the plan describes nearly 50 major projects and 68 project components to be constructed at an original cost estimate of \$10.9 billion, in 2004 dollars. Major components of CERP focus on restoring the quantity, quality, timing, and distribution of water for the natural system, and include aquifer storage and recovery (ASR), in ground reservoirs, rainfall-driven operations, removing barriers to sheetflow, seepage management, stormwater treatment areas (STAs), surface water storage reservoirs, and water reuse and conservation. The estimated costs for CERP have increased to \$17.6 billion, based on price level (inflation) adjustments to 2014 dollars; and revisions made to scope based on finalized designs for projects such as the Indian River Lagoon – South, Picayune Strand Restoration, Fran Reich Preserve - Site 1 Impoundment, and C-111 Spreader Canal Western projects (<http://www.evergladesrestoration.gov/>). Maps of the CERP projects and components, including pilot projects, are provided in **Figures 1** through **8**.

The timeframe of the Central and Southern Florida Project Comprehensive Review Study (Restudy) did not permit a thorough investigation of all the regional water resource challenges in South Florida; therefore, several new feasibility studies were proposed. These studies are being conducted under the authority of the Water Resources Development Act of 1996, which allows for the continuation of studies and analyses that are necessary to further CERP implementation. These studies will investigate conceptual designs developed under the Restudy and make regional recommendations for meeting the future needs of agricultural, urban, and environmental users. Additional information is available at <http://www.evergladesrestoration.gov/>.

In addition to activities outlined in the plan, several non-CERP projects were under way when the plan was written and are necessary precursors for many CERP projects. This precedence relationship was acknowledged when Water Resources Development Act of 2000 required the completion of certain of these projects before appropriations are made for related CERP restoration projects. More information is available at <http://www.evergladesrestoration.gov/>.



Figure 3. General location of CERP projects and components within the Lower West Coast Region. [Note: Crew – Corkscrew Regional Ecosystem Watershed.]

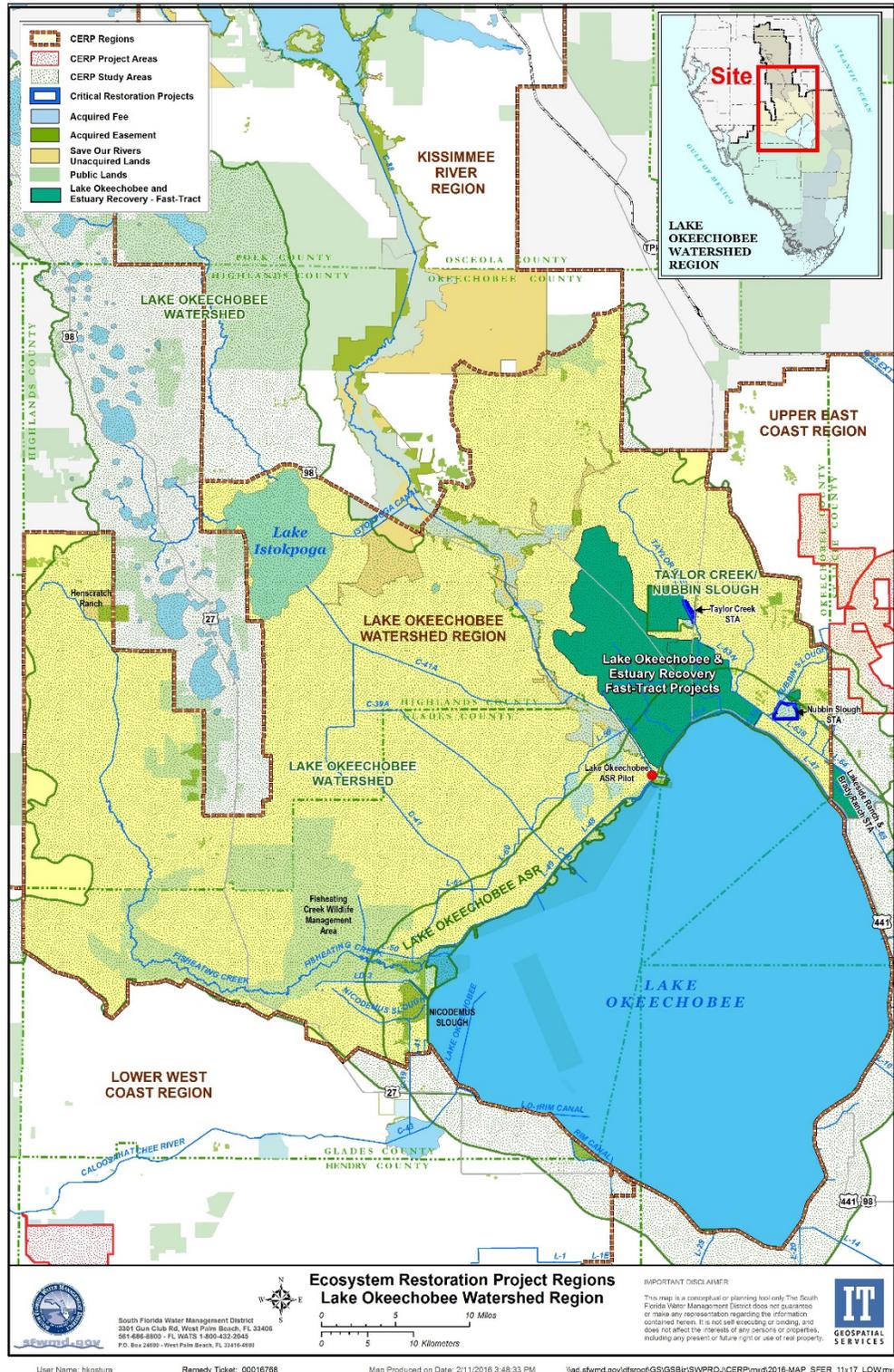


Figure 4. General location of CERP projects and components within the Lake Okeechobee Watershed Region.

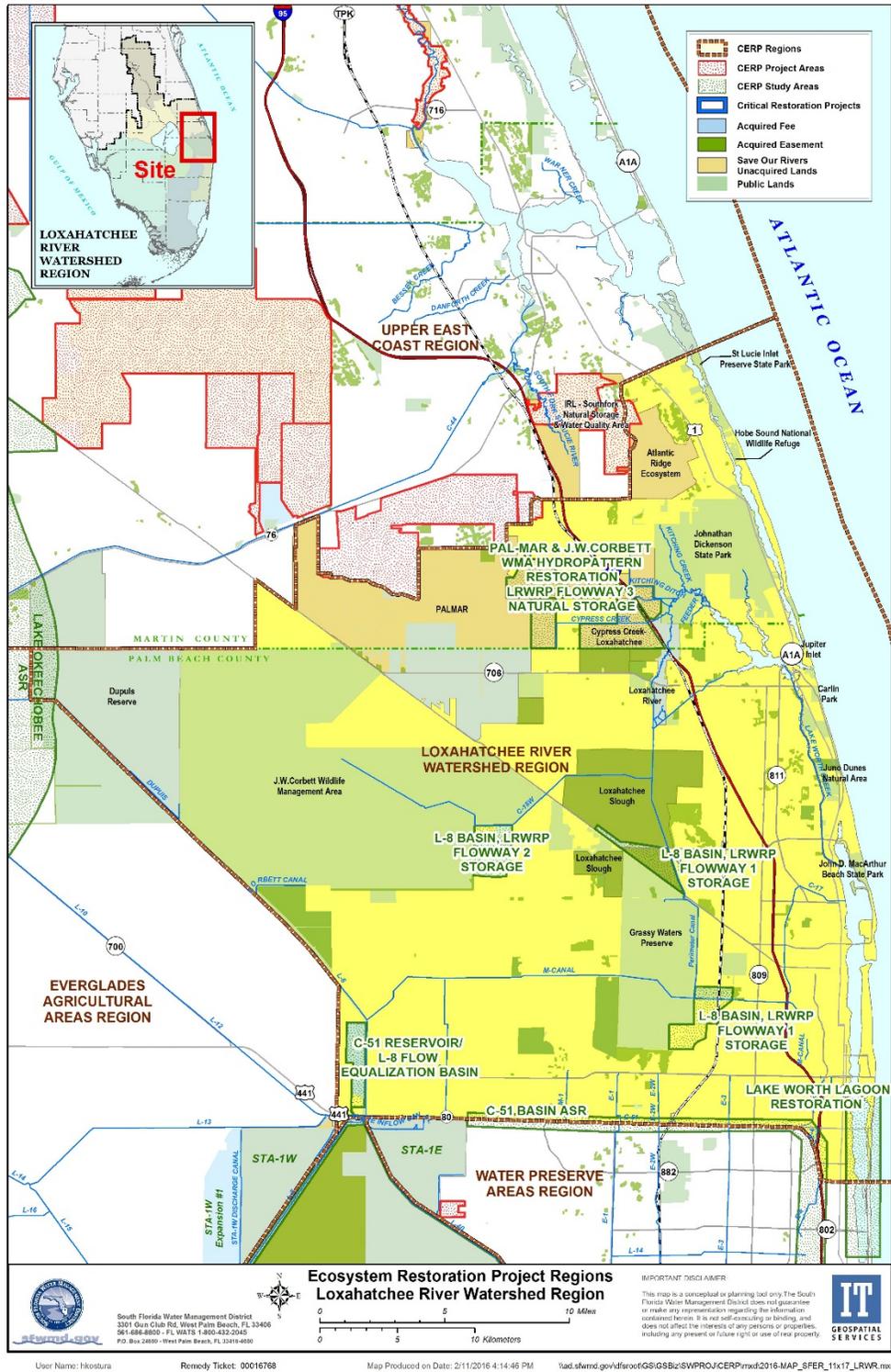


Figure 6. General location of CERP projects and components within the Loxahatchee River Watershed Region.
[Note: IRL – Indian River Lagoon, LRWRP – Loxahatchee River Watershed Restoration Plan, STA-1E – STA-1 East, and STA-1W – STA-1 West.]

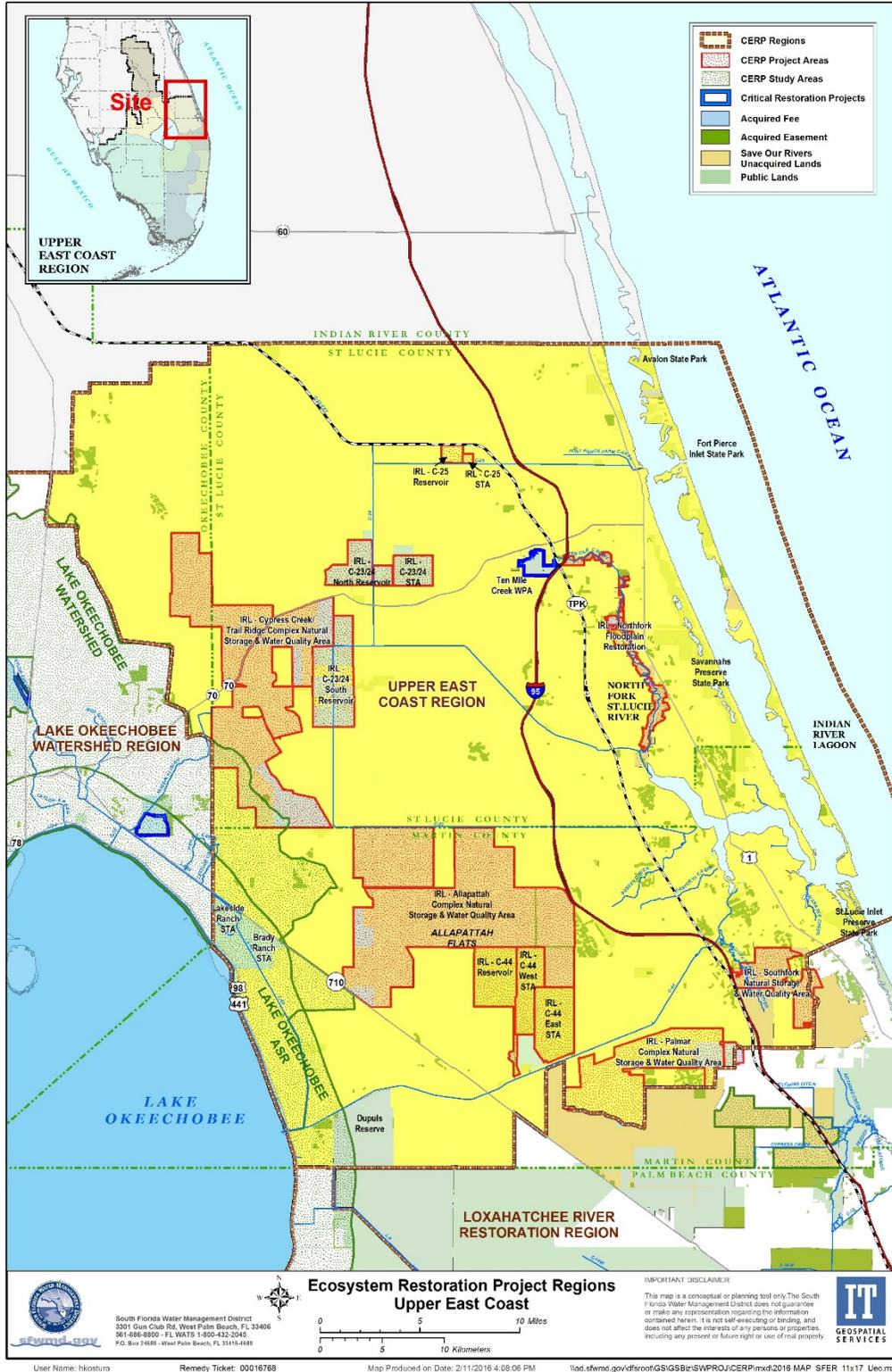


Figure 7. General location of CERP projects and components within the Upper East Coast Region.
 [Note: IRL – Indian River Lagoon and WPA – Water Preserve Area.]

PROJECT STATUS OVERVIEW

CERP projects or components of projects progress through a standard implementation process that starts with completion of the project identification phase, formalized in the Restudy document (USACE and SFWMD 1999). The process moves the project from the conceptually described projects and components contained in the Restudy document to more specifically defined features contained in project implementation reports. These features are then designed, constructed, and operated to achieve project goals. In order to complete CERP implementation, projects and components must advance through the remaining phases of project planning, project design, and project construction; supported by modeling, land acquisition, and project controls and technical services performed throughout the process. **Figure 9** depicts an overview of the CERP implementation process.

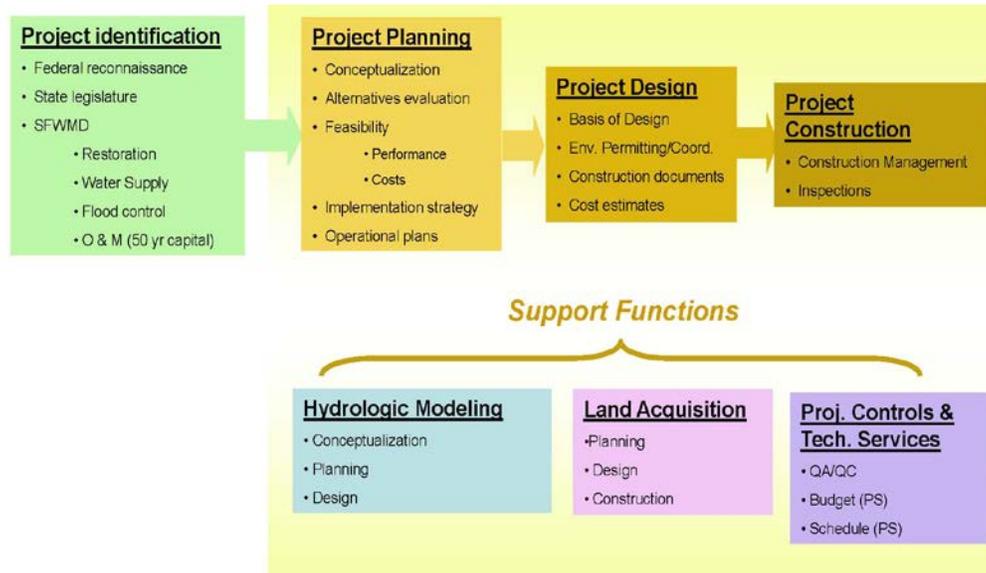


Figure 9. CERP implementation process. [Note: Env. – environmental, O & M – operation and maintenance, PS – Project Systems, QA/QC – quality assessment/quality control, and yr – year.]

Table 6 presents the progression of each CERP project and component through the CERP implementation process. It should be noted that the land acquisition support function is reflected as an implementation phase in the table, as Section 373.470(7), F.S., considers this activity alongside design and construction for financial reporting purposes. The post-implementation, operations phase is included in the table only for informational purposes.

There are 85 projects and components listed in the CERP implementation status table. During the reporting period, 27 CERP projects and components were actively worked. An additional 16 projects and components were inactive during the reporting period; however, one or more phases of the CERP implementation process had commenced. There are 21 pending projects that are planned to start in future years. Six projects are on-hold pending resolution of issues that may lead to project plan modifications. Other local sponsors have been assigned to oversee the remaining 9 projects and 4 projects are being implemented outside of CERP with non-federal partnerships.

The current listing of 85 projects and components can be linked to the CERP original suite of 50 major projects and 68 project components using the Restudy component identifier found in the first column of **Table 6** as a cross-reference. Project specific details such as descriptions, project schedules, fiscal year milestones and accomplishments, and project cost estimates are available in the SFER Consolidated Project Report Database at www.sfwmd.gov/sfer.

Table 6. CERP project implementation status.

Region / Restudy Component Comp ID Component Name			General Status	Implementation Status				
				Planning	Land Acquisition	Design	Construction	Operations
Everglades Agricultural Area Region								
GP1, GP2	08A	A-1 Flow Equalization Basin (FEB) ¹	NCI	x	x	x	x	x
GP1, GP2	08	CEPP, EAA A-2 FEB ²	Active	x	x			
NONE	08C	Bolles/Cross Canals	Pending					
DD	15	Modify Holey Land Wildlife Management Area Operational Plan	Pending					
EE	16	Modify Rotenberger Wildlife Management Area Operational Plan	Pending					
Everglades, Florida Bay and the Keys Region								
II	11A	CEPP, G-404 Pump Station Modifications ²	Active	x	x			
RR	11B	CEPP, Flows to NW & Central WCA 3A ²	Active	x	x			
AA, QQ, P1, QQ P2 SS, ZZ	12A-F	CEPP, WCA 3 Departmentalization and Sheetflow Enhancement ²	Active	x	x			
KK	14	Loxahatchee NWR Internal Canal Structures	Pending					
EEE	23	Flows to Eastern Water Conservation Area	Pending					
V	27A	CEPP, L-31N (L-30) Seepage Management ²	Active	x	x			
FF	27B	CEPP, S-356 Structure ²	Active	x	x			
U	43 A-C	Bird Drive Recharge Area ⁴	On-Hold	x	x			
BB	49B	Dade-Broward Levee & Canal	Inactive	x	x			
WW	29A	C-111 Spreader Canal Western Project	Active	x	x	x	x	x
WW	29	C-111 Spreader Canal Eastern Project	Pending	x	x			
OPE, FK	31	Florida Keys Tidal Restoration ⁴	On-Hold					
PILOT	36	L-31N (L-30) Seepage Management Pilot	Complete	x	x	x		
OPE, FK	90	Micosukee Water Management Plan	OLS					
Lake Okeechobee Watershed Region								
A	01A	North of Lake Okeechobee Storage Reservoir	Pending	x	x			
W	01B	Taylor Creek/Nubbin Slough Storage and Treatment Area	Active	x	x	x	x	x
LOWQFT	01C	Lake Okeechobee Watershed Water Quality Treatment Facilities ⁴	On-Hold	x	x			
OPE (LOTSD)	01D	Lake Okeechobee Tributary Sediment Dredging	Pending					
GG-P1, GG-P2, GG-P3	03A-C	Lake Okeechobee ASR - Phases 1-3	Pending					
PILOT	32	Lake Okeechobee ASR Pilot	Active	x	x	x	x	x
Lower West Coast Region								
DP1	04	C-43 Basin Storage Reservoir	Inactive	x	x			
DP1	04A	Caloosahatchee River (C-43) West Basin Storage Reservoir	Active	x	x	x	x	
DP2	05	C-43 Basin Aquifer Storage Reservoir	On-Hold	x				
DDD	06	Caloosahatchee Back-pumping with Stormwater Treatment	Pending					
CCC	10	Big Cypress -L-28 Interceptor Modifications	Pending					
OPE, SEGGHR	30	Picayune Strand Restoration	Active	x	x	x	x	x
PILOT	33	Caloosahatchee River (C-43) ASR Pilot	Inactive	x	x	x	x	x
OPE	93	Henderson Creek/Belle Meade Restoration	NCI					
OPE	94	Lake Park Restoration	NCI	x	x	x		
OPE	96	Seminole Tribe Big Cypress Reservation Water Conservation Plan	OLS	x	x	x		

Table 6. Continued.

Region / Restudy Component Comp ID Component Name			General Status	Implementation Status				
				Planning	Land Acquisition	Design	Construction	Operations
Loxahatchee River Watershed								
OPE (PALMAR)	17A	LRWRP Flowway 3 & Natural Storage (Pal Mar and J.W. Corbett WMA Hydropattern Restoration)	Active	x	x	x	x	x
K P1	17B	LRWRP Flowway 1 Storage	Active	x				
K P2	17H	L-8 Basin, LRWRP Flowway 2 Storage	Active	x				
GGG	17C	C-51 Reservoir & L-8 Flow Equalization Basin, L-8 Reservoir ⁵	Active / NCI	x				
OPE(LWL)	17D	Lake Worth Lagoon Restoration	Active	x		x	x	x
X	17E	C-17 Backpumping & Treatment ⁴	On-Hold	x				
Y	17F	C-51 Backpumping & Treatment ⁴	On-Hold	x				
LL	18A	C-51 Basin Aquifer Storage & Recovery	Pending					
K P2	18B	L-8 Loxahatchee River Watershed Restoration Aquifer Storage & Recovery ⁶	Active	x				
OPE	91	Winsberg Farms Wetlands Restoration	OLS	x	x	x	x	x
Miami-Dade County Region								
XX P2	25A	North Lake Belt Storage Area - Phase 2	Pending					
S P1	26	Central Lake Storage Area - Phase 1	Pending					
S P2	26A	Central Lake Storage Area - Phase 2	Pending					
FFF/OPE	28A	Biscayne Bay Coastal Wetlands - Phase 1	Active	x	x	x	x	x
FFF/OPE	28	Biscayne Bay Coastal Wetlands - Phase 2	Pending	x	x			
PILOT	35	Lake Belt In-Ground Reservoir Technology Pilot	Inactive	x				
PILOT	37A	South Miami-Dade WW Reuse Pilot	OLS					
PILOT	37B	West Miami-Dade WW Reuse Pilot	OLS					
NONE	92	Restoration of Pineland & Hardwood Hammocks In C-111 Basin	OLS					
HHH	97	South Miami-Dade Reuse	OLS	x				
BBB	98	West Miami-Dade Reuse	OLS	x				
Upper East Coast Region (IRL - South)								
UU	07A01	C-44 Reservoir	Active	x	x	x	x	
B	07A02	C-44 West STA	Active	x	x	x	x	
B	07A03	C-44 East STA	Active	x	x	x	x	
UU	07A04	Pal Mar Complex NWSTA, C-44 Basin	Inactive	x	x			
UU	07B05	C-23/C-24 North Reservoir	Inactive	x	x			
UU	07B06	C-23/C-24 South Reservoir	Inactive	x	x			
UU	07B07	C-23/C-24 STA	Inactive	x	x			
B	07B9	Allapattah Complex	Active	x	x	x	x	x
UU	07B10	Cypress Creek Complex	Inactive	x	x			
B	07B13	Pal Mar Complex NWSTA, Southfork Basin	Inactive	x	x			
B	07B14	Pal Mar Complex NWSTA, Halpatokee Park	Inactive	x	x			
UU	07C12	C-25 Reservoir & STA	Inactive	x				
UU	07C14	North Fork Floodplain Restoration	Inactive	x	x	x	x	x
UU	07C15	Muck Remediation & Artificial Habitat	Inactive	x				

Table 6. Continued.

Region / Restudy Component Comp ID Component Name			General Status	Implementation Status				
				Planning	Land Acquisition	Design	Construction	Operations
Water Preserve Region								
VV P1	20	PBC Agricultural Reserve Reservoir	Inactive	x	x			
VV P2	21	PBC Agricultural Reserve Aquifer Storage Reservoir	Pending					
MP2	22	Hillsboro Aquifer Storage & Recovery	Complete					
CC P1	24	Broward Secondary Canal System	OLS					
PILOT	34	Hillsboro ASR Pilot ³	Active	x	x	x	x	x
OPE	38	Acme Basin B Discharge	NCI	x	x	x	x	x
OPE	39	Strazulla Wetlands	Inactive	x	x	x		
MP1	40	Fran Reich Preserve - Site 1 Impoundment	Active	x	x	x	x	
Q	45A	Broward County Water Preserve Area, WCA 3A & 3B Levee Seepage Mgmt	Active	x	x	x		
Q	45B	Broward County Water Preserve Area, C-11 Impoundment	Active	x	x	x		
R	45C	Broward County Water Preserve Area, C-9 Impoundment	Active	x	x			
T	46	C-4 Control Structures	Pending					
YY, S P1	48A	L-30 Canal Upgrade	Pending					
YY, S P1	48B	WCA - 2B Flows to CLBSA	Pending					
XX P1	25B	WPA Conveyance	Pending					

Note: The current list of projects and components can be linked to the CERP original suite of 50 major projects and 68 project components using the Restudy component identifier shown in the first column of **Table 6** as a cross-reference. Other Program Element (OPE) projects (Component ID: 90-98) have a local sponsor other than SFWMD.

¹ The lands associated with Compartment A-1 are primarily designated for use as part of the Restoration Strategies' Central Flow Path. The Central Everglades Planning Project proposes to integrate the use of Compartment A-1 and Compartment A-2 as a combined flow equalization basin storage feature in the Everglades Agricultural Area.

² Components under consideration as part of the Central Everglades Planning Project.

³ Projects included in the Aquifer Storage and Recovery Regional Study.

⁴ Components have been screened out during the planning process and are no longer under consideration.

⁵ L-8 Reservoir repurposed for Restoration Strategies, C-51 Reservoir under consideration in the Loxahatchee River Water Restoration Project Planning effort.

⁶ Aquifer storage and recovery under consideration in the Loxahatchee River Watershed Restoration Project Planning effort.

⁷ Partially complete. Future planning is still required.

Key to Component Abbreviations: ASR – Aquifer Storage and Recovery, CEPP – Central Everglades Planning Project, CLBSA – Central Lake Belt Storage Area, Comp – Component, EAA – Everglades Agricultural Area, FEB – Flow Equalization Basin, LRWRP – Loxahatchee River Watershed Restoration Project, NW – Northwest, NWR – National Wildlife Refuge, NWSTA – Northwest Stormwater Treatment Area, PCB – Palm Beach County, STA – Stormwater Treatment Area, WCA – Water Conservation Area, WPA – Water Preserve Area, and WW – Wastewater.]

General Status Definitions:

Active – Project implementation activities occurred in the fiscal year (Fiscal Year 2014-2015).

Inactive – One or more phases of the CERP implementation process have commenced; however, no additional work was performed during the reporting period, pending resolution of some external driver (priorities, funding constraint, scheduling, etc.).

N/A – Information not available (only applies to OPE projects where the SFWMD is not the local sponsor).

On-Hold – Work on project has been suspended due to potential project plan modifications.

Pending – Project scheduled to start in a future year.

OLS - Other Local Sponsor

NCI - Non-CERP Implementation - implemented outside of CERP with non-federal partnerships.

CERP IMPLEMENTATION HIGHLIGHTS

Key activities and milestones completed during the reporting period are highlighted below.

Land Acquisition

Approximately 251,236 acres, or nearly 65 percent, of estimated lands needed for CERP have been acquired as of September 30, 2015.

Picayune Strand Restoration

- The District reinitiated acquisition efforts to acquire remaining lands needed for the Picayune Strand Restoration Project.

Planning

Loxahatchee River Watershed Restoration Project

- The United States Army Corps of Engineers (USACE) and SFWMD convened a public meeting to gather public input and initiate the scoping phase of the project.
- The team completed the project synopsis, initial risk register, schedule, and budget and USACE presented these materials to the vertical team for approval.
- The USACE vertical team approved the compliance package to allow the team to begin the plan formulation effort.

Central Everglades Planning Project

- The District obtained FDEP approval of the CERP Central Everglades Planning Project (CEPP), in accordance with Sections 373.026, F.S., and 373.1501(5), F.S.
- The Civil Works Review Board approved release of the Central Everglades Planning Project Final Integrated Project Implementation Report and Environmental Impact Statement for Chief of Engineers CEPP Chief's Report was completed and approved December 2014.

Broward County Water Preserve Areas

- The District completed acquisition of project lands from the City of Weston for the C-11 Northern Mitigation Area.
- The C-11 Impoundment intermediate design is underway and scheduled for completion in Fiscal Year 2015-2016.
- The Northern Mitigation Area final design is underway and scheduled for completion in Fiscal Year 2015-2016.

Construction

Biscayne Bay Coastal Wetlands Project

- The District completed the Biscayne Bay Coastal Wetlands L31E Project Pilot Pump Test in April 2015.
- The District will continue with the Biscayne Bay Coastal Wetlands L31E Interim Operations Project until the permanent pump station is constructed by USACE as part of the Biscayne Bay Coastal Wetlands Phase I Project. The agency is in the process of procuring an electrical 40 cubic feet per second (cfs)-project pump, manatee protection features, supervisory control and data acquisition (SCADA) components, fencing, and

monitoring equipment. Installation and operation of interim operations project is scheduled to be completed in 2016.

Caloosahatchee River (C-43) West Basin Storage Reservoir Project

- The District transitioned from an Early Start Phase project to redesign and construction of the full Caloosahatchee River (C-43) West Basin Storage Reservoir Project as authorized in the Water Resources Reform and Development Act of 2014. The initial construction package, which includes the required preloading for structure locations and demolitions, was approved at the August 2015 Governing Board meeting. In addition, the design contract for the S-470 Pump Station (195 cfs) was issued in April 2015 with design scheduled for completion in January 2016. The design contract for the S-476 Pump Station (1,500 cfs) was awarded in September 2015.

Picayune Strand Restoration Project

- SFWMD initiated the Operational, Testing and Monitoring Period (12 months) for the Merritt Pump Station in October 2015. In addition SFWMD completed the permitting for the Manatee Mitigation Feature and initiated construction in May 2015 with anticipated completion in February 2016.
- USACE continued construction of the Faka Union and Miller pump stations and tie-back levee.

Indian River Lagoon – South, C-44 Reservoir and Stormwater Treatment Areas Project

- SFWMD continued construction of the system discharge structure and canal, and is on track for completion in Fiscal Year 2015-2016.
- The Troup Indiantown Water Control District Permanent Pump Station Relocation design was finalized.
- SFWMD started construction of the STA and reservoir pump station. Expected completions are in Fiscal Year 2016-2017 and Fiscal Year 2017-2018, respectively.
- USACE awarded the construction contract for the construction of the reservoir.

Fran Reich Preserve - Site 1 Impoundment

- USACE neared completion of construction on the L-40 levee reinforcement features and the six-acre wetland wildlife habitat.

LITERATURE CITED

USACE and SFWMD. 1999. Central and Southern Florida Project Comprehensive Review Study, Final Integrated Feasibility Report and Programmatic Environmental Impact Statement. United States Army Corps of Engineers, Jacksonville, FL, and South Florida Water Management District, West Palm Beach, FL. April 1999.