

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

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## INTRODUCTION

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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 *2013 South Florida Environmental Report (SFER) – Volume I*. The CERP Annual Report fulfills statutory reporting requirements, providing CERP financial updates for Fiscal Year 2012 (FY2012) (October 1, 2011–September 30, 2012) and the status on the 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 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 (FY2013). 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 NEEPP is presented in Appendix 8-1 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](http://www.sfwmd.gov/sfer). Further reporting information on CERP is also available at [www.evergladesplan.org](http://www.evergladesplan.org) and [www.sfrestore.org/documents/index.html](http://www.sfrestore.org/documents/index.html).

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## PART (A) FUNDS – SFWMD AND FDEP

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### 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 1–4** as follows:

- **Table 1:** FY2012 revenues
- **Table 2:** FY2012 expenditures
- **Table 3:** FY2012 unencumbered fund balance remaining in trust funds or other accounts
- **Table 4:** Anticipated expenditures for the next fiscal year, FY2013

The financial information contained in this annual report is taken from unaudited FY2012 records. Audited FY2012 information is scheduled to be available during the second quarter of FY2013. 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 6A).

### BASIS OF PRESENTATION

Accounting principles, policies, and practices of both the District and the FDEP conform to generally accepted accounting principles (GAAPs) for state and local governments, and are structured in accordance with the Government Accounting Standards Board requirements. GAAPs 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.** Comprehensive Everglades Restoration Plan (CERP) revenues for Fiscal Year 2012 (FY2012) (October 1, 2011–September 30, 2012)<sup>1</sup>.

Source	SFWMD <sup>2</sup>	FDEP <sup>3</sup>	Other Local Sponsors	Total
Save Our Everglades Trust Fund:				
General Revenue		\$14,993,629		\$14,993,629
Documentary Stamp Taxes (for Debt Service)		\$15,939,725		\$15,939,725
Investment Earnings (net)		\$901,556		\$901,556
<b>Save Our Everglades Trust Fund – Total</b>		<b>\$31,834,910</b>		<b>\$31,834,910</b>
Ad Valorem Resources	\$28,074,166			\$28,074,166
Investment Earnings	\$661,719			\$661,719
Water Management Lands Trust Fund				
<b>Florida Forever Trust Fund</b>		<b>\$969,908</b>		<b>\$969,908</b>
State Appropriations	\$1,025,615			\$1,025,615
Alligator Alley Toll Revenues	\$143,439			\$143,439
Lease Revenues	\$802,786			\$802,786
Miscellaneous Revenues	\$673,521			\$673,521
<b>Total Revenues</b>	<b>\$31,381,246</b>	<b>\$32,804,818</b>	<b>N/A</b>	<b>\$64,186,064</b>

<sup>1</sup> Federal revenues are not listed in this table.

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

<sup>3</sup> This information for FDEP reflects the Save Our Everglades Trust Fund in its entirety, including funding to be used for implementation of the Northern Everglades and Estuaries Protection Program (NEEPP).

**Table 2.** CERP expenditures for FY2012<sup>1,2</sup>.

<b>Projects</b>	<b>SFWMD</b>	<b>FDEP</b>	<b>Total Expenditures</b>
<b>Local Sponsor - SFWMD<sup>3,4</sup></b>			
<b>Pilot Projects</b>			
Lake Okeechobee ASR Pilot			\$0
Caloosahatchee (C-43) River ASR Pilot			\$0
Hillsboro ASR Pilot	\$2,900		\$2,900
ASR Regional Study	\$6,908		\$6,908
Lake Belt In-Ground Reservoir Technology Pilot			\$0
L-31N Seepage Management Pilot	\$35,075		\$35,075
Wastewater Reuse Technology Pilot			\$0
<b>Kissimmee River and Lake Okeechobee Region</b>			
Lake Okeechobee Watershed	\$14,547		\$14,547
Lake Istokpoga Regulation Schedule			\$0
Lake Okeechobee Aquifer Storage and Recovery			\$0
<b>Caloosahatchee River Region</b>			
C-43 Basin Storage Reservoir – Part 1 <sup>5</sup>	\$57,317	(\$2,863,068)	(\$2,805,751)
C-43 Basin Aquifer Storage and Recovery – Part 2			\$0
Caloosahatchee Backpumping with Stormwater Treatment			\$0
<b>Upper East Coast Region</b>			
Indian River Lagoon – South / C-44 Reservoir and STA	\$1,063,410	\$2,963,485	\$4,026,895
<b>Everglades Agricultural Area</b>			
River of Grass	\$41,125		\$41,125
Everglades Agricultural Area Storage Reservoirs – Phase 1			\$0
EAA Bolles and Cross Canals			\$0
Everglades Agricultural Area Storage Reservoirs – Phase 2			\$0
<b>Big Cypress Region</b>			
Big Cypress/L-28 Interceptor Modifications			\$0
<b>Water Conservation Areas and Everglades Region</b>			
Central Everglades Planning Project	1,359,234		1,359,234
Flow to NW and Central WCA 3A			\$0
WCA-3 Decomp and Sheetflow Enhancement – Part 1	\$150,175		\$150,175
WCA-3 Decomp and Sheetflow Enhancement – Part 2			\$0
ENP Seepage Management			\$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	\$4,410		\$4,410

Table 2. Continued.

Projects	SFWMD	FDEP	Total Expenditures
<b>Lower East Coast Region</b>			
Loxahatchee River Watershed	\$2,076,490		\$2,076,490
Loxahatchee River Watershed – Part 2			\$0
ACME Basin B Discharge			\$0
Strazzulla Wetlands			\$0
Site 1 Impoundment	\$24,148		\$24,148
Broward County WPA	\$85,796		\$85,796
C-11 Impoundment			\$0
C-9 Impoundment			\$0
WCA-3A/3B Seepage Management			\$0
C-4 Structure			\$0
Bird Drive Recharge Area	\$819		\$819
PBC Agriculture Reserve Reservoir – Part 1			\$0
PBC Agriculture Reserve Aquifer Storage & Recovery – Part 2			\$0
Hillsboro Aquifer Storage & Recovery – Part 2			\$0
Diverting WCA Flows to CLB to Downstream Natural Areas			\$0
Broward Co. Secondary Canal System			\$0
North Lake Belt Storage Area			\$0
Central Lake Belt Storage Area			\$0
Everglades National Park Seepage Management			\$0
Biscayne Bay Coastal Wetlands	\$597,888	\$4,467,836	\$5,065,724
C-111 Spreader Canal	\$1,723,718	\$10,502,675	\$12,226,393
<b>Southwestern Florida Region</b>			
Picayune Strand (Southern Golden Gate Estates) Hydrologic Restoration	\$854,991	\$969,908	\$1,824,899
<b>Florida Bay and Florida Keys Region</b>			
Florida Keys Tidal Restoration			\$0
<b>Critical Restoration Projects</b>			
Ten Mile Creek	\$155,216		\$155,216
Western Tamiami Trail Culverts			\$0
Western C-4 Water Control Structures			\$0
Southern Crew	\$448,665	\$68,024	\$516,689
Lake Trafford Restoration			\$0
Lake Okeechobee Water Retention/Phosphorus Removal	\$636,914		\$636,914
Western C-11 Water Quality Improvement			\$0
Critical Restoration Program Controls			\$0

Table 2. Continued.

Projects	SFWMD	FDEP	Total Expenditures
<b>Reconnaissance, Feasibility, and Planning Studies</b>			
Southwest Florida Feasibility Study	\$5,658		\$5,658
Florida Bay and Florida Keys Feasibility Study	\$0		\$0
Indian River Lagoon Feasibility Study	\$0		\$0
Water Preserve Areas Feasibility Study	\$0		\$0
<b>Monitoring and Evaluation</b>			
RECOVER	\$303,665		\$303,665
Adaptive Assessment and Monitoring	\$802,887		\$802,887
<b>Program Management and Support</b>			
Program Management	\$747,969		\$747,969
Debt Service <sup>6</sup>	\$15,743,641	\$15,948,124	\$31,691,765
Program Support <sup>6</sup>	\$3,686,496	\$771,902	\$4,458,398
Program Controls	\$0		\$0
Public Involvement and Outreach	\$0		\$0
Environmental and Economic Equity	\$0		\$0
Data Management	\$612,703		\$612,703
Interagency Modeling Center	\$519,046		\$519,046
Master Recreation Plan	\$0		\$0
Programmatic Regulations	\$0		\$0
<b>CERP Pre-Cursors</b>			
C-111 Project Implementation	\$423,955		\$423,955
<b>Other Local Sponsors<sup>7</sup></b>			
Comprehensive Integrated Water Quality Feasibility Study (FDEP)		\$57,813	\$57,813
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
<b>Total</b>	<b>\$32,185,766</b>	<b>\$32,886,699</b>	<b>\$65,072,465</b>

<sup>1</sup> Federal expenditures are not listed in table.

<sup>2</sup> SFWMD FY2012 expenditures exclude \$2,952,034 of anticipated SOETF monies for which the District will seek reimbursement.

<sup>3</sup> Project expenditures include indirect costs that are charged to the program by applying a federally approved rate to direct salaries.

<sup>4</sup> This information is being presented prior to the completion of the SFWMD annual audit and is subject to further adjustments.

<sup>5</sup> The negative expenditure is due to movement of FY2011 expenditures from CERP to NEEPP.

<sup>6</sup> 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 both CERP and NEEPP projects. Program support for FDEP represents administrative support for both CERP and NEEPP.

<sup>7</sup> For local sponsors other than the SFWMD, "N/A" indicates the information is not available.

**Table 3.** CERP unencumbered fund balance for FY2012<sup>1</sup>.

	SFWMD <sup>2</sup>	FDEP <sup>5</sup>	Other Local Sponsors	Total
<b>Fund Balance as of October 1, 2011<sup>3</sup></b>	<b>\$65,956,568</b>	<b>\$44,630,118</b>	<b>N/A</b>	<b>\$110,586,686</b>
Add: Revenues	\$31,381,246	\$32,804,818	N/A	\$64,186,064
Less: Expenditures	(\$32,185,766)	(\$53,949,529)	N/A	(\$86,135,295)
<b>Fund Balance as of September 30, 2012<sup>3</sup></b>	<b>\$65,152,048</b>	<b>\$23,485,407</b>	<b>N/A</b>	<b>\$88,637,455</b>
Less: Encumbrances - as of September 30, 2012	(\$6,249,362)		N/A	(\$6,249,362)
Less: Designated Fund Balance <sup>4</sup>	(\$16,894,238)		N/A	(\$16,894,238)
Add: Fund Balance Reserved for Encumbrances as of September 30, 2011		\$57,813	N/A	\$57,813
<b>Unencumbered Balance as of September 30, 2012</b>	<b>\$42,008,448</b>	<b>\$23,543,220</b>	<b>N/A</b>	<b>\$65,551,668</b>

<sup>1</sup> Federal expenditures are not included in this table.

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

<sup>3</sup> Fund balance figures for SFWMD include the CERP Ad Valorem Fund, Other Creditable CERP Fund and CERP Capital Construction Fund.

<sup>4</sup> This represents the CERP *ad valorem* portion of fund balance designated to fund the following year's budget.

<sup>5</sup> The information for FDEP reflects the Save Our Everglades Trust Fund in its entirety, including funding to be used for NEEPP implementation.

**Table 4.** CERP anticipated expenditures for Fiscal Year 2013 (FY2013)  
(October 1, 2012–September 30, 2013).<sup>1,2</sup>

	<b>Total Anticipated Expenditures</b>
<b>Local Sponsor - South Florida Water Management District</b>	
<b>Pilot Projects</b>	
Lake Okeechobee ASR Pilot	\$22,245
Caloosahatchee (C-43) River ASR Pilot	\$0
Hillsboro ASR Pilot	\$0
ASR Regional Study	\$10,290
Lake Belt In-Ground Reservoir Technology Pilot	\$0
L-31N Seepage Management Pilot	\$0
Wastewater Reuse Technology Pilot	\$0
<b>Kissimmee River and Lake Okeechobee Region</b>	
Lake Okeechobee Watershed	\$4,476
Lake Istokpoga Regulation Schedule	\$0
Lake Okeechobee Aquifer Storage and Recovery	\$0
<b>Caloosahatchee River Region</b>	
C-43 Basin Storage Reservoir – Part 1	\$22,034
C-43 Basin Aquifer Storage and Recovery – Part 2	\$0
Caloosahatchee Backpumping with Stormwater Treatment	\$0
<b>Upper East Coast Region</b>	
Indian River Lagoon – South (Includes C-44 Reservoir / STA)	\$5,341,255
C-44 Reservoir / STA	\$0
<b>Everglades Agricultural Area</b>	
River of Grass	\$57,324
Everglades Agricultural Area Storage Reservoirs – Phase 1	\$0
EAA Bolles and Cross Canals	\$0
Everglades Agricultural Area Storage Reservoirs – Phase 2	\$0
<b>Big Cypress Region</b>	
Big Cypress/L-28 Interceptor Modifications	\$0
<b>Water Conservation Areas and Everglades Region</b>	
Flow to NW & Central WCA 3A	\$0
WCA-3 Decomp and Sheetflow Enhancement – Part 1	\$537,868
WCA-3 Decomp and Sheetflow Enhancement – Part 2	\$0
ENP Seepage Management	\$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	\$10,055
Central Everglades Study	\$958,615

Table 4. Continued.

	<b>Total Anticipated Expenditures</b>
<b>Lower East Coast Region</b>	
Loxahatchee River Watershed (formerly North Palm Beach County – Part 1)	\$72,764,848
Loxahatchee River Watershed (formerly North Palm Beach County – Part 2)	\$0
Strazzulla Wetlands	\$0
Site 1 Impoundment	\$11,680
Broward County WPA	\$42,257
C-11 Impoundment	\$0
C-9 Impoundment	\$0
WCA-3A/3B Seepage Management	\$0
C-4 Structure	\$0
Bird Drive Recharge Area	\$0
PBC Agriculture Reserve Reservoir – Part 1	\$0
PBC Agriculture Reserve Aquifer Storage & Recovery – Part 2	\$0
Hillsboro Aquifer Storage & Recovery – Part 2	\$0
Diverting WCA Flows to CLB to Downstream Natural Areas	\$0
Broward Co. Secondary Canal System	\$0
North Lake Belt Storage Area	\$0
Central Lake Belt Storage Area	\$0
Everglades National Park Seepage Management	\$0
Biscayne Bay Coastal Wetlands	\$400,303
C-111 Spreader Canal	\$1,033,855
<b>Southwestern Florida Region</b>	
Picayune Strand (Southern Golden Gate Estates) Hydrologic Restoration	\$1,417,720
<b>Florida Bay and Florida Keys Region</b>	
Florida Keys Tidal Restoration	\$0
<b>Critical Restoration Projects</b>	
Ten Mile Creek	\$0
Western Tamiami Trail Culverts	\$0
Western C-4 Water Control Structures	\$0
Southern Crew	\$248,191
Lake Trafford Restoration	\$0
Lake Okeechobee Water Retention/Phosphorus Removal	\$9,547
Western C-11 Water Quality Improvement	\$0
Critical Restoration Project Implementation Support	\$0

Table 4. Continued.

	<b>Total Anticipated Expenditures</b>
<b>Reconnaissance, Feasibility and Planning Studies</b>	
Southwest Florida Feasibility Study	\$12,149
Florida Bay and Florida Keys Feasibility Study	\$0
Indian River Lagoon Feasibility Study	\$0
Water Preserve Areas Feasibility Study	\$0
<b>Monitoring and Evaluation</b>	
RECOVER	629,703
Adaptive Assessment and Monitoring	\$1,263,652
<b>Program Management and Support</b>	
Program Management and Support	\$8,793,718
Geodetic Vertical Control Surveys	\$0
Program Controls	\$0
Public Involvement and Outreach	\$0
Environmental and Economic Equity	\$0
Data Management	\$523,855
Master Recreation Plan	\$0
Interagency Modeling Center	\$476,190
Programmatic Regulations	\$0
Project Implementation Support	\$0
Program Indirect Costs <sup>3</sup>	\$5,549,030
Debt Service <sup>4</sup>	\$33,553,571
<b>CERP Pre-Cursors</b>	
C-111 Project Implementation	\$14,912,399
<b>Other Local Sponsors</b>	
Comprehensive Integrated Water Quality Feasibility Study (FDEP)	\$517,080
Biscayne Bay Feasibility Study (Miami-Dade DERM)	N/A
Seminole Tribe Big Cypress Reservation Water Conservation Plan (Seminole Tribe)	N/A
Henderson Creek/Belle Meade Restoration (FDEP)	\$0
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 and 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
<b>Total</b>	<b>\$149,123,910</b>

<sup>1</sup> Federal expenditures are not listed on this table.

<sup>2</sup> Total anticipated expenditures include debt service and personnel services.

<sup>3</sup> 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.

<sup>4</sup> Represents budgeted debt service in FY2013 on Certificates of Participation issued in 2006 (FY2007) of \$15,749,511 to fund project construction; and debt service of \$17,804,060 on existing bonds issued by FDEP to fund CERP and NEEPP.

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## PART (B) FUNDS – FDEP

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### 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 FY2012. 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) is also included (refer to Appendix 8-1 of this volume for reporting information on NEEPP).

### BASIS OF PRESENTATION

The FDEP's accounting policies conform to GAAP for state and local governmental units and are structured in accordance with the Government 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 (see **Table 5**).

**Table 5.** Florida Department of Environmental Protection, CERP, and NEEPP<sup>1</sup> Annual Report for FY2012.

	Save Our Everglades Trust Fund	General Revenue Fund	Florida Forever Trust Fund	Totals
<b>Revenues By Fund Source</b>				
General Revenue		\$14,993,629		\$14,993,629
Documentary Stamp Taxes for Debt Service	\$15,939,725			\$15,939,725
Florida Forever Trust Fund			\$969,908	\$969,908
Interest Earnings (Net)	\$901,556			\$901,556
<b>Total Revenues</b>	<b>\$16,841,281</b>	<b>\$14,993,629</b>	<b>\$969,908</b>	<b>\$32,804,818</b>
<b>Expenditures By Project<sup>2</sup></b>				
<b>CERP Projects:</b>				
C-43 Basin Storage Reservoir (Berry Groves) (CERPL04)	(\$2,863,068)			(\$2,863,068)
C-44 Basin Storage Reservoir St Lucie (CERPL7A)	\$1,594,208	\$1,369,277		\$2,963,485
Biscayne Bay Coastal Wetlands (CERPL28)	\$974,236	\$3,493,600		\$4,467,836
C-111 Spreader Canal (CERPL29)	\$500,450	\$10,002,225		\$10,502,675
C-111 Spreader Canal Project		\$68,024		\$68,024
Picayune Strand (Fakahatchee Strand)			\$7,800	\$7,800
Picayune Save Our Everglades			\$962,108	\$962,108
Water Quality Feasibility Study (WQFS1)	\$36,493			\$36,493
Water Quality Feasibility Study (WQFS2)	\$21,320			\$21,320
<b>NEEPP Projects:</b>				
Northern Everglades Agricultural Nonpoint Source (NELOCASLDA1)	\$4,484,120			\$4,484,120
Lake Okeechobee Protection Plan (LOP1)	\$11,397,905			\$11,397,905
South Florida Water Management District - Land Purchases (SFLND)	\$2,863,068			\$2,863,068
St. Lucie River Watershed Projects (SLRWP1)	\$2,257,234			\$2,257,234
Nicodemus Slough		\$31,883		\$31,883
C-43 Water Quality		\$28,620		\$28,620
<b>CERP and NEEPP:</b>				
Debt Service on Bonds	\$15,948,124			\$15,948,124
Transfer – Administrative Trust Fund	\$771,902			\$771,902
<b>Total Expenditures</b>	<b>\$37,985,992</b>	<b>\$14,993,629</b>	<b>\$969,908</b>	<b>\$53,949,529</b>

**Table 5.** Continued.

	Save Our Everglades Trust Fund	General Revenue Fund	Florida Forever Trust Fund	Totals
<b>Encumbrances</b>				
<b>Total Encumbrances</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Excess (Deficiency) of Revenues Over Expenditures and Encumbrances</b>	(\$21,144,711)			(\$21,144,711)
<b>Unencumbered Balance as of September 30, 2011</b>	\$44,630,118			\$44,630,118
<b>Fund Balance Reserved for Encumbrances as of September 30, 2011</b>	\$57,813			\$57,813
<b>Unencumbered Balance as of September 30, 2012</b>	<b>\$23,543,220</b>	<b>N/A</b>	<b>N/A</b>	<b>\$23,543,220</b>

<sup>1</sup> Refer to Appendix 8-1 of this volume for information on NEEPP.

<sup>2</sup> Expenditures by project reflect trust fund monies issued to SFWMD through the FDEP reimbursement process.

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## PART (C) – IMPLEMENTATION STATUS

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### BACKGROUND

The Comprehensive Everglades Restoration Plan (USACE and SFWMD, 1999) is a conceptual plan that proposes major modifications to the Central and Southern Florida Project in order to reverse decades of ecosystem decline. 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, in-ground reservoirs, rainfall-driven operations, removing barriers to sheetflow, seepage management, stormwater treatment areas, surface water storage reservoirs, and water reuse and conservation. The estimated costs for CERP have increased to \$13.5 billion, based on price level (inflation) adjustments to 2009 dollars; and revisions made to scope based on finalized designs for projects such as the Indian River Lagoon – South, Picayune Strand Restoration, Site 1 Impoundment, and C-111 Spreader Canal Western projects ([www.evergladesplan.org/pm/program\\_docs/cerp\\_reports\\_congress.aspx](http://www.evergladesplan.org/pm/program_docs/cerp_reports_congress.aspx); USACE, 2010). Maps of the CERP projects and components, including pilot projects, are provided in **Figures 1a–1h**.

The timeframe of the Central and South 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 will be 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 the Comprehensive Plan. These studies will investigate conceptual designs developed under the Comprehensive Plan and make regional recommendations for meeting the future needs of agricultural, urban, and environmental users. Additional information is available at <http://www.evergladesplan.org/pm/studies/studies.aspx>.

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 WRDA 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.evergladesplan.org/pm/projects/non\\_cerp\\_sf\\_projects.aspx](http://www.evergladesplan.org/pm/projects/non_cerp_sf_projects.aspx).

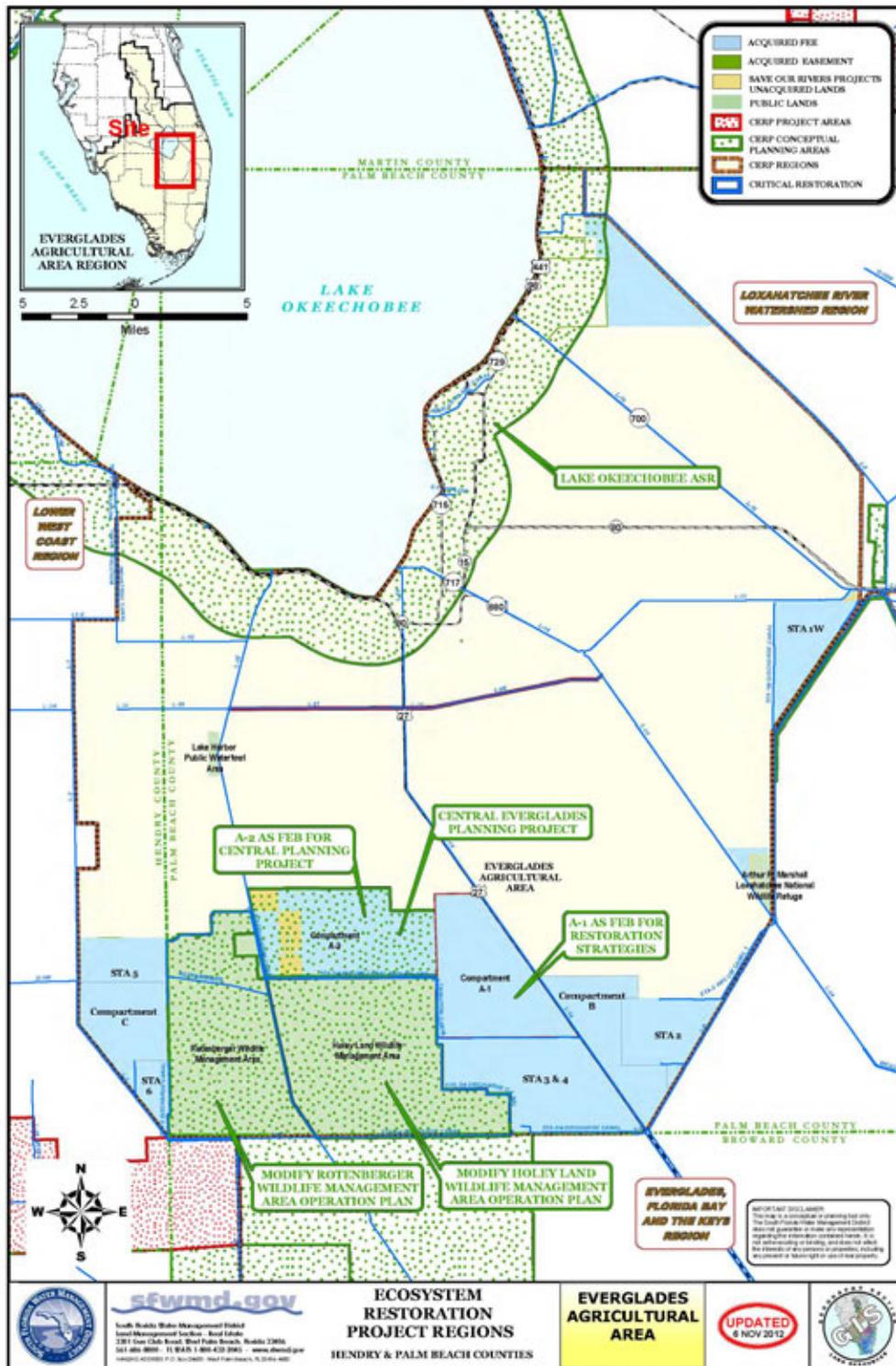


Figure 1a. General location of CERP projects and components, Everglades Agricultural Area region.

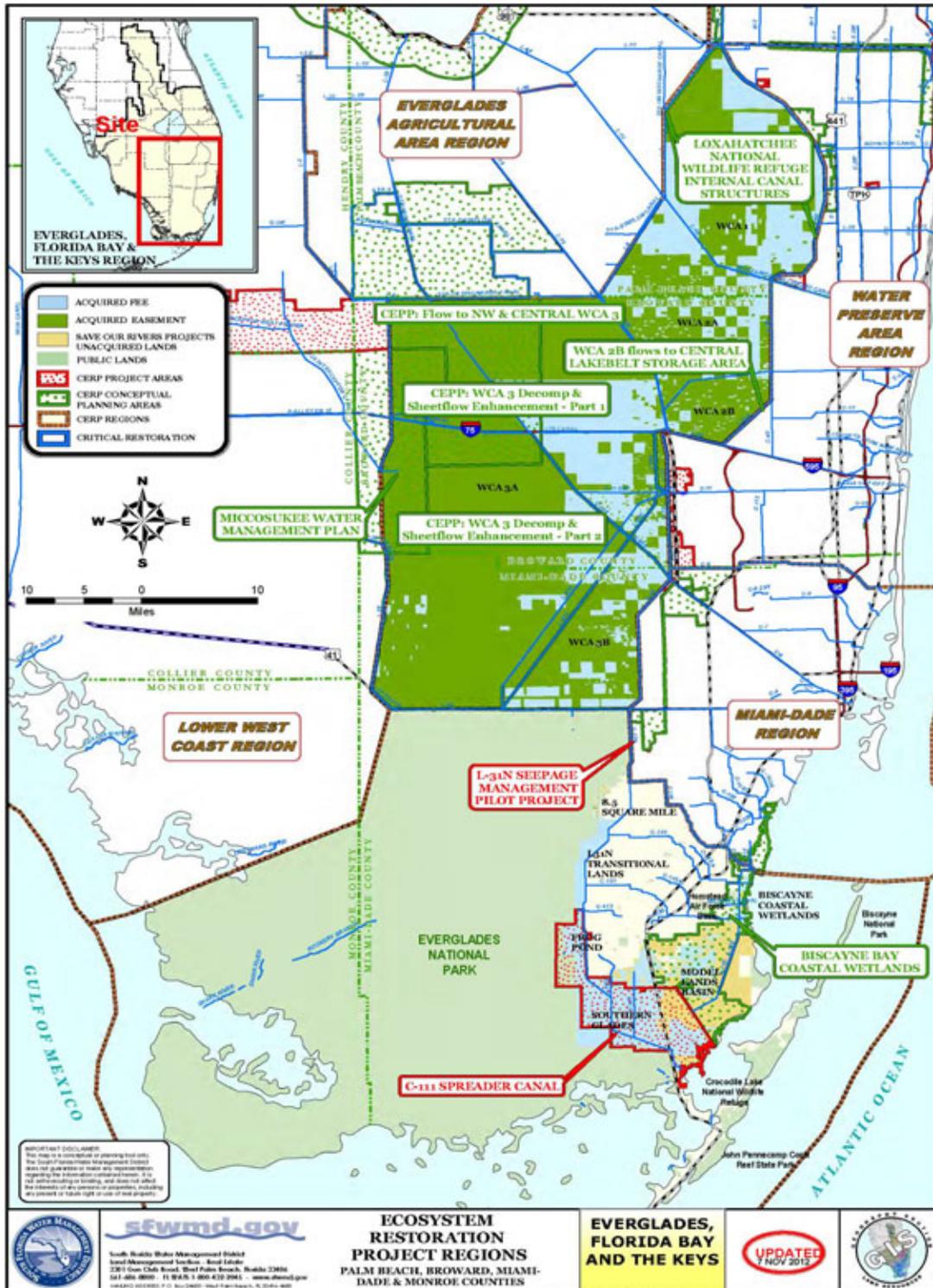


Figure 1b. General location of CERP projects and components, Everglades, Florida Bay, and Florida Keys region.

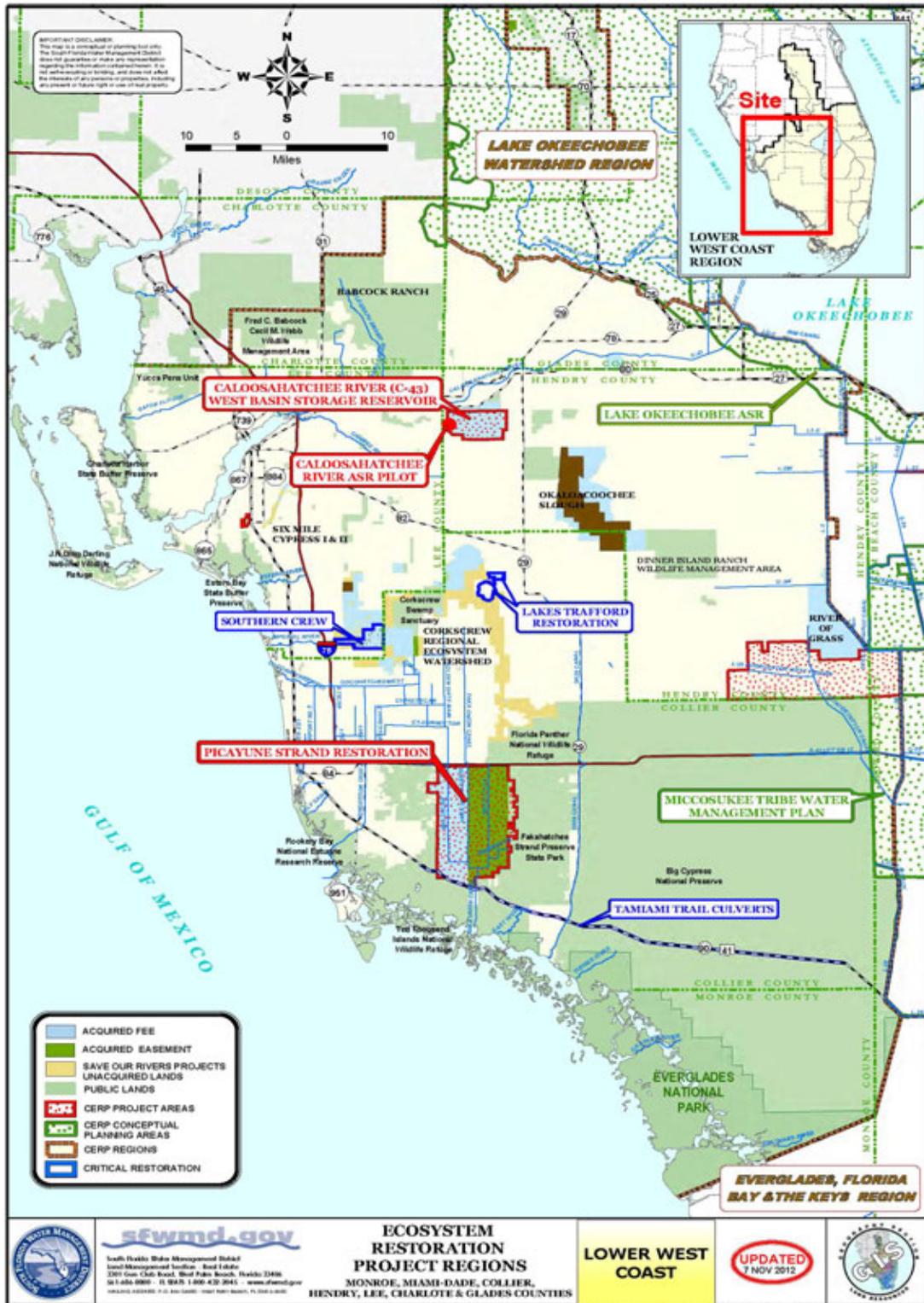


Figure 1c. General location of CERP projects and components, Lower West Coast region.

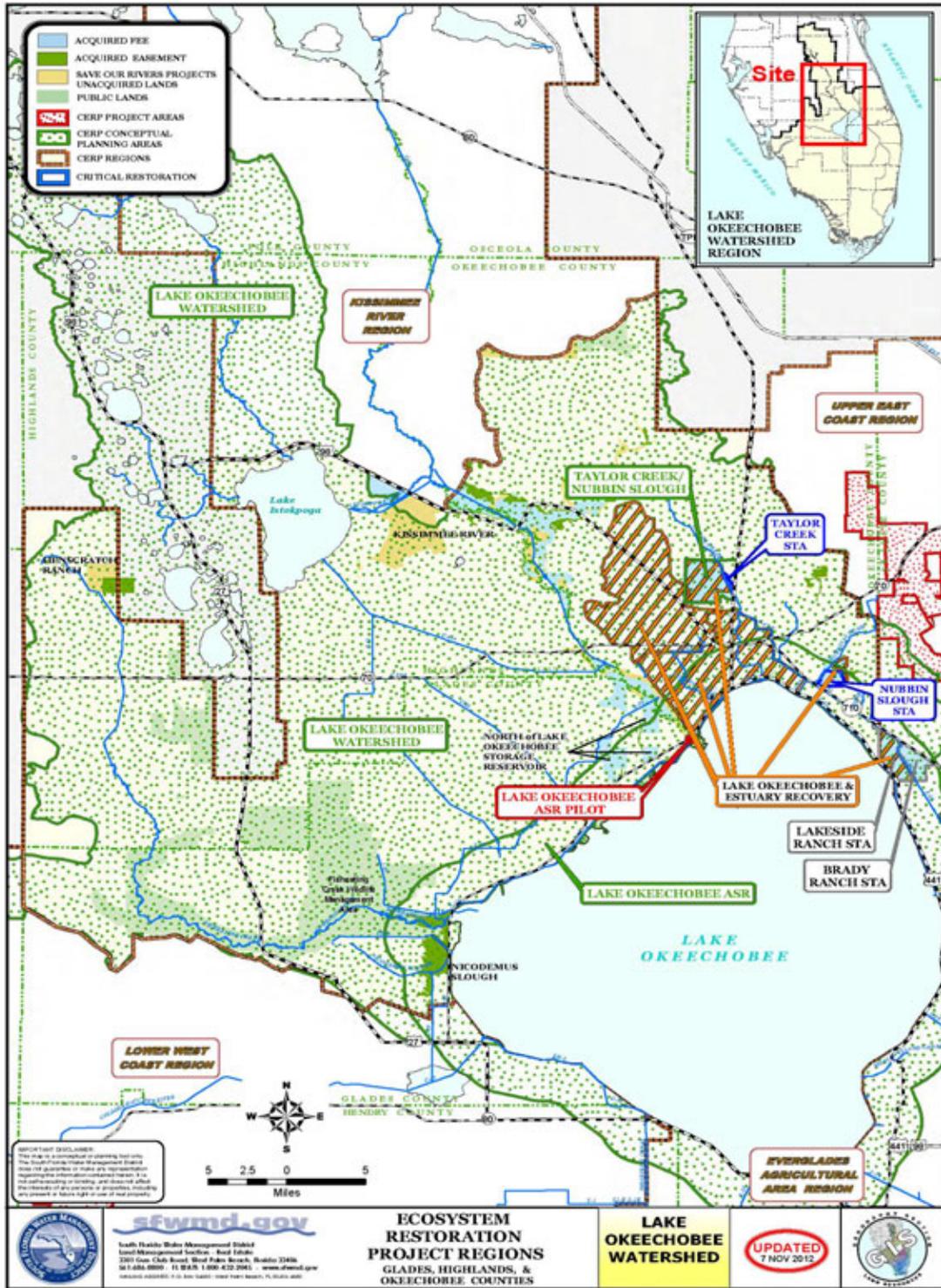


Figure 1d. General location of CERP projects and components, Lake Okeechobee Watershed region.

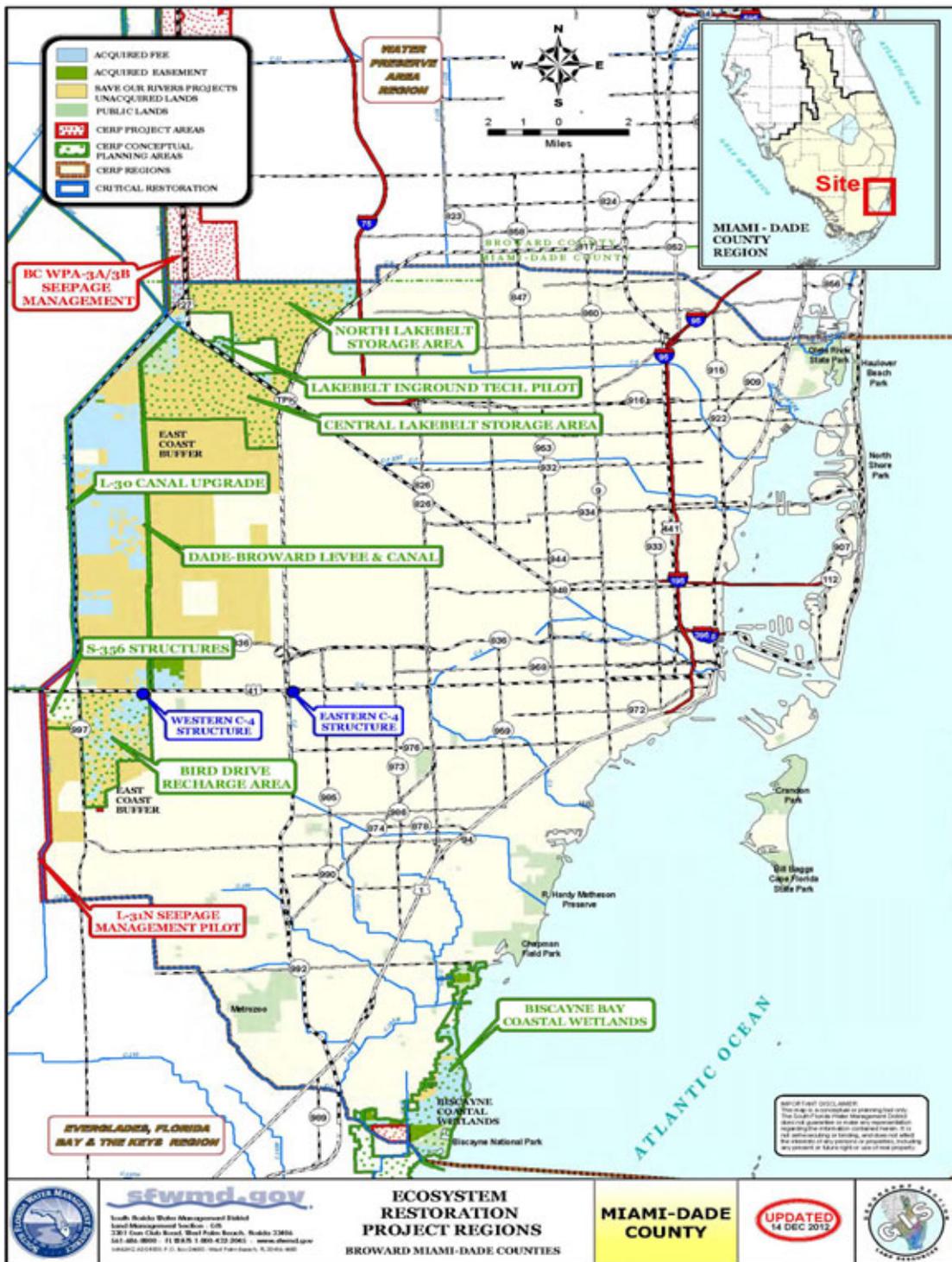


Figure 1e. General location of CERP projects and components, Miami-Dade County region.

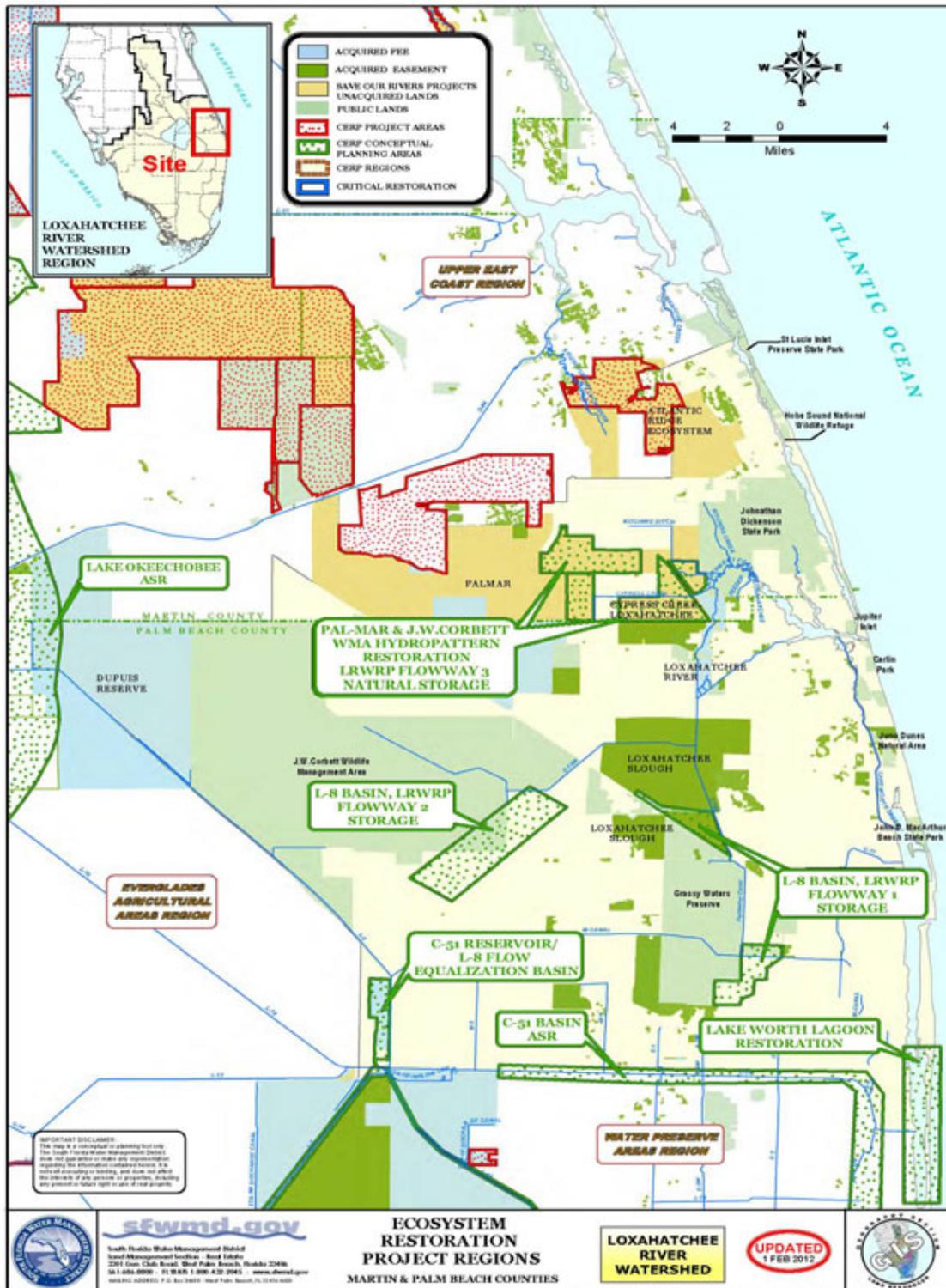


Figure 1f. General location of CERP projects and components, Loxahatchee River Watershed region.

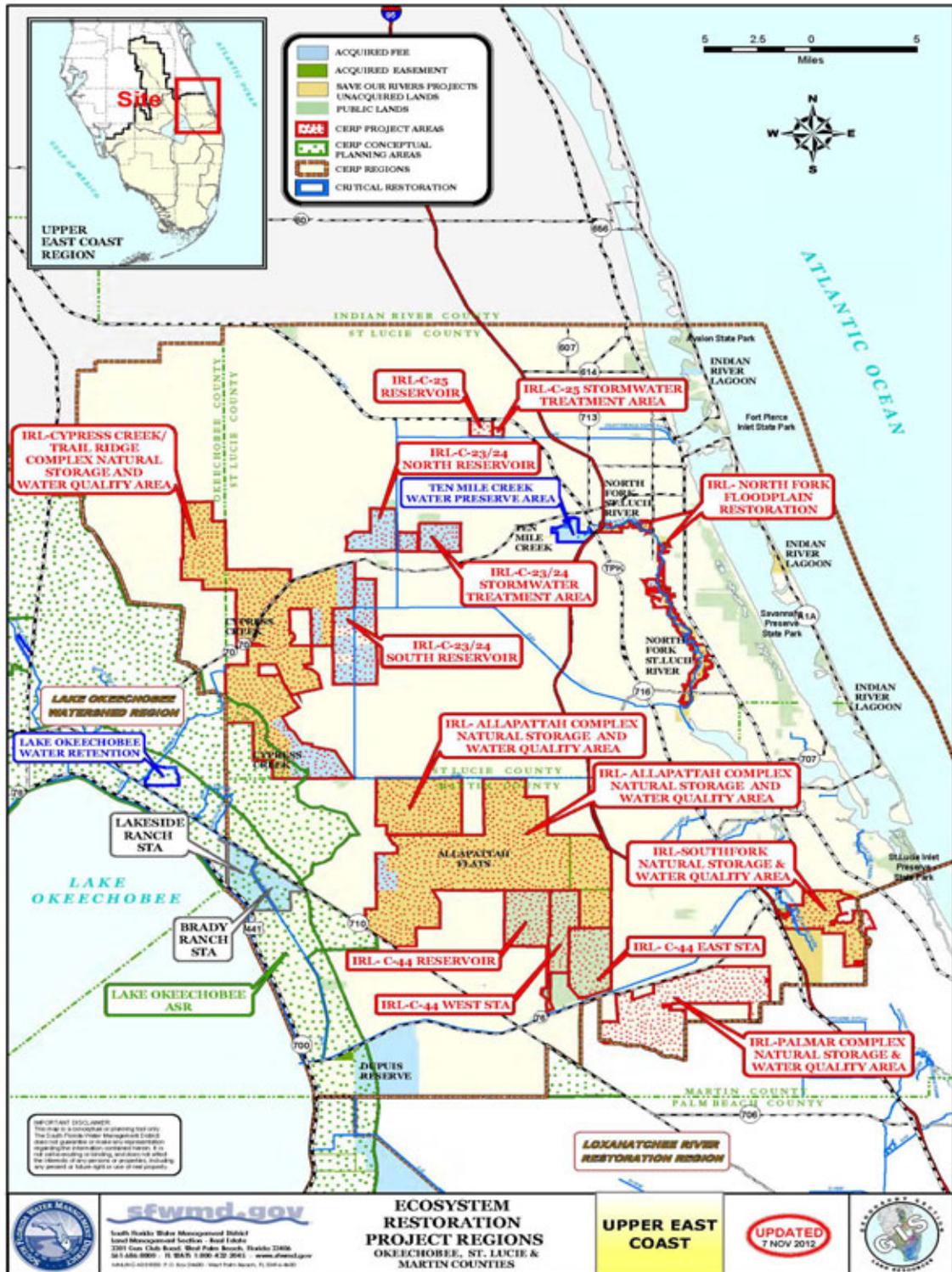


Figure 1g. General location of CERP projects and components, Upper East Coast region.

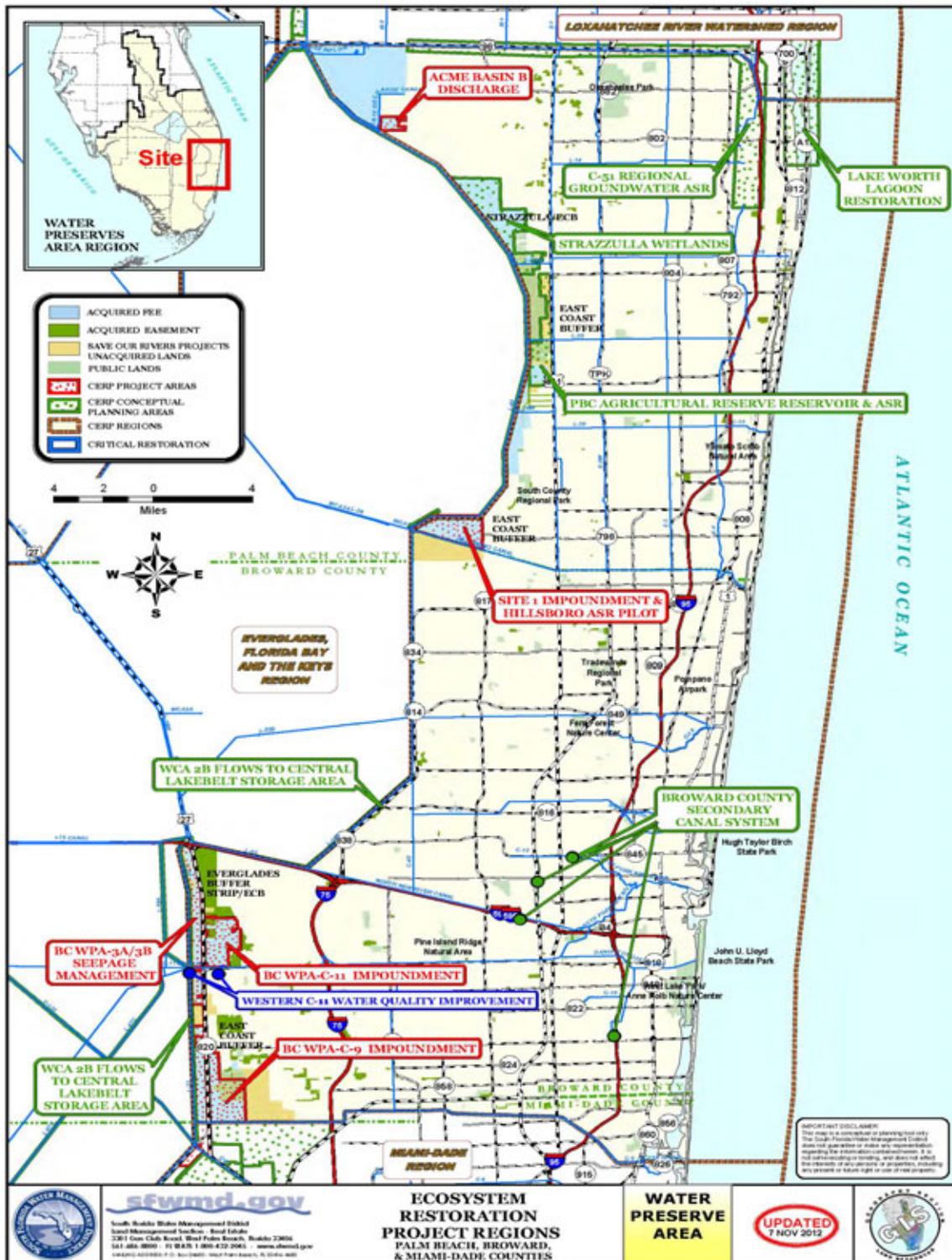


Figure 1h. General location of CERP projects and components, Water Preserve Areas region.

## PROJECTS 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 Comprehensive Everglades Restoration Plan. The process moves the project from the conceptually described projects and components contained in the Comprehensive Plan 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 2** depicts an overview of the CERP implementation process.

**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 82 projects and components listed in the CERP implementation status table. During the reporting period, 27 CERP projects and components were actively worked. An additional 24 projects and components were inactive during the reporting period; however, one or more phases of the CERP implementation process had commenced. There are 18 pending projects that are planned to start in future years. Two 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 11 projects.

The current listing of 82 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](http://www.sfwmd.gov/sfer).



**Figure 2.** CERP implementation process.

**Table 6.** CERP project implementation status.

Region/ Restudy Component	Comp ID	Component Name	General Status	Implementation Process				
				Planning	Land Acquisition	Design	Construction	Operations
<b>Everglades Agricultural Area Region</b>								
G P1, G P2	08	CEPP, EAA Reservoir - Phase 1 & 2 (A-2 Compartment) <sup>1</sup>	Active	x	x			
G P1, G P2	08A	Everglades Agricultural Area Storage Reservoirs - Phase 1 (A-1 Compartment) <sup>2</sup>	On-Hold	x	x	x	x	
DD	15	Modify Holey Land Wildlife Management Area Operation Plan	Inactive	x				
EE	16	Modify Rotenberger Wildlife Management Area Operation Plan	Inactive	x				
<b>Everglades, Florida Bay and the Keys Region</b>								
II	11A	G-404 Pump Station Modifications	Inactive	x				
RR	11B	CEPP, Flows to NW & Central WCA 3A <sup>1</sup>	Active	x				
AA, QQ P1, P2, SS, ZZ	12A-C	CEPP, WCA 3 Decompartmentalization and Sheetflow Enhancement <sup>1</sup>	Active	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 <sup>3</sup>	Active	x	x			
FF	27B	CEPP, S-356 Structure <sup>1</sup>	Active	x				
U	43A-C	Bird Drive Recharge Area	On-Hold	x	x			
WW	29A	C-111 Spreader Canal Western Project	Active	x	x	x	x	
WW	29	C-111 Spreader Canal Eastern Project	Pending					
OPE, FK	31	Florida Keys Tidal Restoration	Inactive	x				
PILOT	36	L-31N (L-30) Seepage Management Pilot	Active	x	x	x	x	
OPE	90	Miccosukee Water Management Plan	N/A					
<b>Lake Okeechobee Watershed Region</b>								
A	01A	North of Lake Okeechobee Storage Reservoir	Inactive	x	x			
W	01B	Taylor Creek/Nubbin Slough STA	Active	x	x	x	x	x
LOWQTF	01C	Lake Okeechobee Watershed Water Quality Treatment Facilities	Active	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 <sup>3</sup>	Active	x	x	x	x	x
<b>Lower West Coast Region</b>								
D P1	04	C-43 Basin Storage Reservoir - Part 1 Remaining	Inactive		x			
D P1	04A	Caloosahatchee River (C-43) West Basin Storage Reservoir	Active	x	x	x		
D P2	05	C-43 Basin Storage Reservoir - Part 2	Inactive	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	
PILOT	33	Caloosahatchee River (C-43) ASR Pilot	Inactive	x	x	x	x	x
OPE	93	Henderson Creek/Belle Meade Restoration	N/A					
OPE	94	Lakes Park Restoration	N/A	x	x	x		
OPE	96	Seminole Tribe Big Cypress Reservation Water Conservation Plan	N/A	x	x	x		

Table 6. Continued.

Region/ Restudy Component	Comp ID	Component Name	General Status	Implementation Process				
				Planning	Land Acquisition	Design	Construction	Operations
<b>Loxahatchee River Watershed</b>								
OPE(PALMAR)	17A	Pal Mar and JW Corbett WMA Hydropattern Restoration, LRWRP Flowway 3 Storage	Active	x	x	x	x	
K P1	17B01	L-8 Basin, LRWRP Flowway 1 Storage	Active	x				
K P1	17B02	L-8 Basin, LRWRP Flowway 2 Storage	Active	x				
GGG	17C	C-51 Reservoir & L-8 Flow Equalization Basin	Active	x	x	x	x	x
OPE(LWL)	17D	Lake Worth Lagoon Restoration	Active	x		x	x	
X	17E	C-17 Backpumping & Treatment <sup>4</sup>	Inactive	x				
Y	17F	C-51 Backpumping and Treatment <sup>4</sup>	Inactive	x				
LL	18A	C-51 Basin Aquifer Storage & Recovery	Pending					
K P2	18B	L-8 Loxahatchee River Watershed Restoration Aquifer Storage and Recovery	Pending					
OPE	91	Winsberg Farms Wetlands Restoration	N/A	x	x	x	x	x
<b>Miami-Dade County Region</b>								
XX P2	25A	North Lake Belt Storage Area - Phase 2	Pending					
S P1	26	Central Lake Belt Storage - Phase 1	Pending					
S P2	26A	Central Lake Belt Storage - Phase 2	Pending					
FFF/OPE	28A	Biscayne Bay Coastal Wetlands - Phase 1	Active	x	x	x	x	
FFF/OPE	28	Biscayne Bay Coastal Wetlands - Phase 2	Inactive		x			
PILOT	35	Lake Belt In-Ground Reservoir Technology Pilot	Inactive	x				
PILOT	37A	South Miami-Dade WW Reuse Pilot	N/A					
PILOT	37B	West Miami-Dade WW Reuse Pilot	N/A					
NONE	92	Restoration of Pineland & Hardwood Hammocks in C-111 Basin	N/A					
HHH	97	West Miami-Dade Reuse	N/A	x				
BBB	98	South Miami-Dade Reuse	N/A	x				
<b>Upper East Coast Region (IRL-South)</b>								
UU	07A01	C-44 Reservoir	Active	x	x	x	x	
B	07A02	C-44 West STA	Active	x	x	x		
B	07A03	C-44 East STA	Active	x	x	x		
UU	07A04	Pal Mar Complex	Active	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	07B09	Allapattah Complex	Active	x	x	x	x	x
UU	07B10	Cypress Creek Complex	Inactive	x	x			
B	07B13	Southfork Storage & Water Quality	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 Process				
				Planning	Land Acquisition	Design	Construction	Operations
<b>Water Preserve Area Region</b>								
VV P1	20	PBC Agricultural Reserve Reservoir - Part 1	Inactive	x	x			
VV P2	21	PBC Agricultural Reserve Reservoir - Part 2	Pending					
M P2	22	Hillsboro Aquifer Storage and Recovery	Pending					
CC P1	24	Broward County Secondary Canal System	Pending					
PILOT	34	Hillsboro ASR Pilot <sup>3</sup>	Active	x	x	x	x	x
OPE	38	Acme Basin B Discharge	N/A	x	x	x	x	x
OPE	39	Strazzulla Wetlands	Inactive	x	x	x		
M P1	40	Fran Reich Preserve - Site 1 Impoundment	Active	x	x	x	x	
O	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					
BB	49B	Dade-Broward Levee & Canal	Inactive	x	x			
XX P1	25B	WPA Conveyance	Inactive	x	x			

Note: The current listing 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 found 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 the SFWMD.

<sup>1</sup>Components under consideration as part of the Central Everglades Planning Project (CEPP).

<sup>2</sup>The EAA Part 1, A-1 Compartment is designated for use as part of the Restoration Strategies, A-1 Flow Equalization Basin Project.

<sup>3</sup>Included in the ASR Regional Study.

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

#### **General Status**

**Active** – Project implementation activities occurred in the current fiscal year (FY2012).

**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 SFWMD is not the local sponsor).

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

**Pending** – Project start date is pending.

## **CERP IMPLEMENTATION HIGHLIGHTS**

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

### **Land Acquisition**

- Approximately 243,147 acres, or 60 percent, of estimated lands needed for CERP have been acquired as of September 30, 2012.

### **Planning**

#### ***Central Everglades Planning Project***

- The SFWMD, as local sponsor, is assisting the USACE in its effort to speed up the planning for key restoration projects in the heart of the Everglades.
- The project is designed to reduce the amount of time it takes to formulate a recommended CERP project restoration plan, draft a Project Implementation Report, and prepare a Chief's report for congressional consideration.
- The SFWMD is providing technical support and co-hosting an enhanced public involvement process to inform and engage stakeholders.

#### ***Loxahatchee River Watershed Restoration***

- The SFWMD continues to move forward with the L-8 Reservoir Pump Station Project and awarded a design-build contract for the facility.
- The SFWMD is working to identify and acquire additional land for storage within the watershed to provide water deliveries to the Loxahatchee River.

#### ***Broward County Water Preserve Area Project***

- The 2007 Project Implementation Report and Environmental Impact Statement (PIR/EIS) was updated and reviewed, which reduced the total project costs.
- The SFWMD Governing Board approved a Letter of Support for the project and the USACE completed the Chief of Engineers' Report and Record of Decision recommending the project for congressional authorization.

### **Construction**

#### ***C-111 Spreader Canal Western Project***

- The District completed construction of the Frog Pond Detention Area, Aerojet Canal Detention Area, S-199 Pump Station, and S-200 Pump Station in FY2012.
- The USACE completed its Chief of Engineers' Report and Record of Decision recommending the project for congressional authorization.

#### ***Biscayne Bay Coastal Wetlands Project***

- The SFWMD completed construction for the Deering Estate component.
- The USACE and the SFWMD completed the Biscayne Bay Coastal Wetlands – Phase 1 Final PIR/EIS.
- The USACE completed its Chief of Engineers' Report and Record of Decision, recommending the project for congressional authorization.

***Picayune Strand Restoration Project***

- Significant progress was made on two USACE restoration construction contracts for the Merritt and Faka Union pump stations and road removal.
- Construction plans and specifications for a third contract for Miller pump stations and road removal are nearing completion.

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

- In October 2011, the USACE held a groundbreaking for the first major construction contract.
- Development of plans and specifications for Contract 2 are currently under way and expected to be awarded in FY2014.

***Melaleuca Eradication and Other Exotic Plants***

- The USACE began construction on a 2,700 square foot annex to be used to mass rear approved biological control agents to help control the spread of invasive exotic plants such as melaleuca (*Melaleuca quinquenervia*), Old World climbing fern (*Lygodium microphyllum*), and Brazilian pepper (*Schinus terebinthifolius*). Construction is scheduled to be completed in FY2013.

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**LITERATURE CITED**

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