



SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE



LEADERSHIP • PARTNERSHIP • RESULTS

Task Force Reporting Requirements - 2018

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Reporting Requirements

Strategy

Restoration
Framework

House Conf.
Report

Every two
years

Biennial Report

Progress
Report

WRDA 1996

Every two
years

Integrated Financial Plan

Project
Details

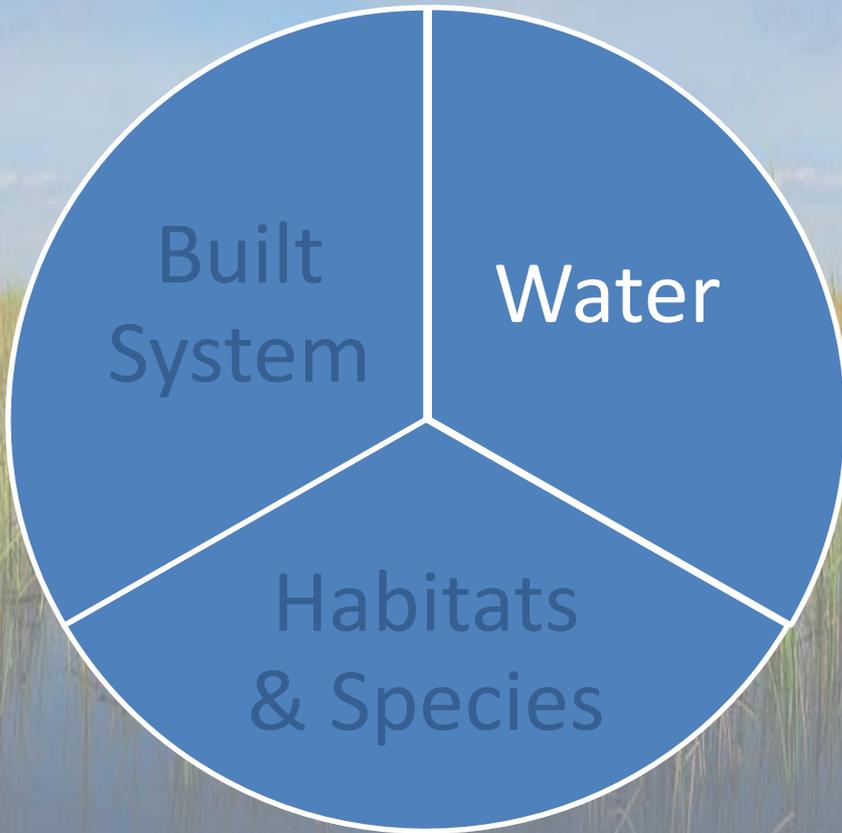
WRDA 1996

Annually

Strategy

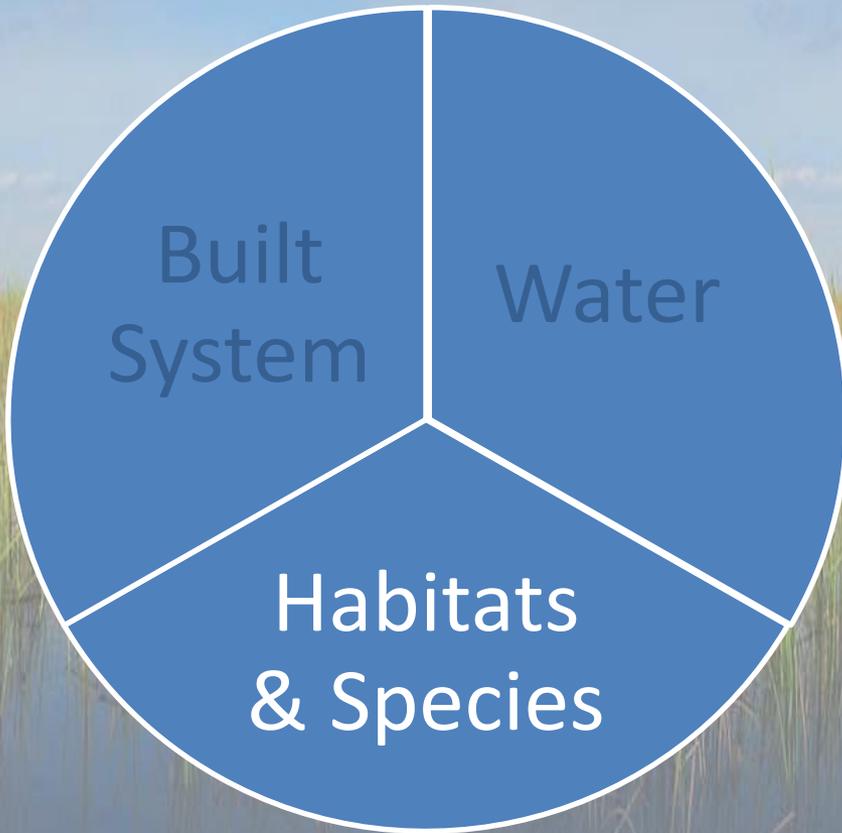
- The Task Force is the only forum that provides **strategic coordination** and a system-wide perspective to guide the separate restoration efforts being planned and implemented in the Everglades Ecosystem.
- The Task Force established three strategic goal areas for Everglades restoration:
 - **Water**
 - **Habitats and Species**
 - **Built System**

Strategy



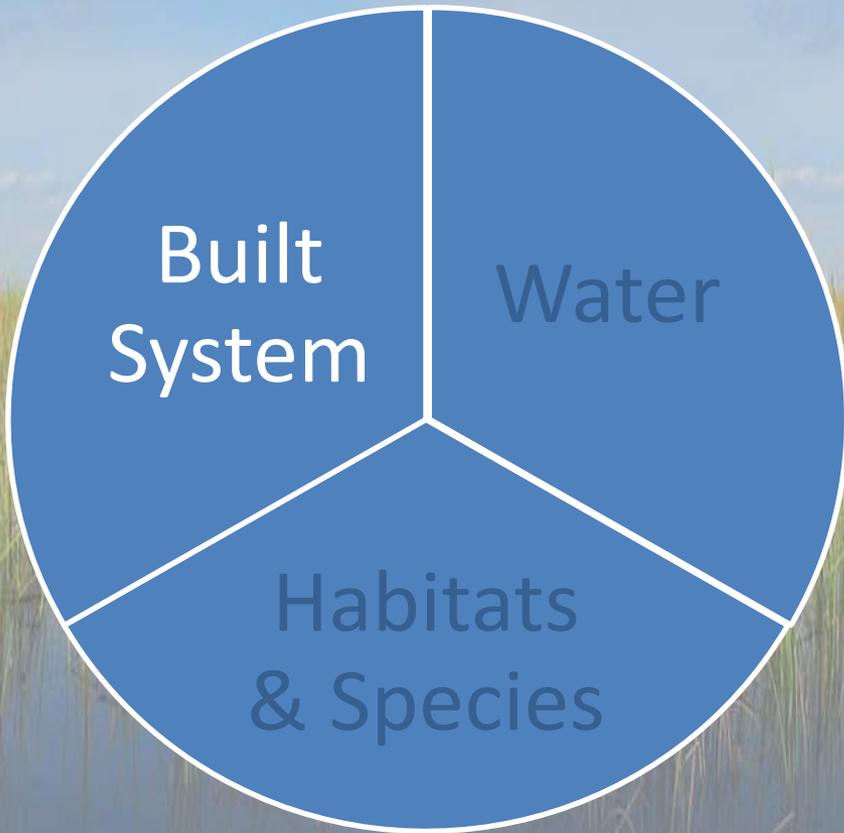
- **Getting the water right** is integral to Everglades restoration
- Projects, including the **Comprehensive Everglades Restoration Plan** (WRDA 2000), are being implemented to restore the **quantity, quality, timing and distribution** of water throughout the ecosystem

Strategy



- Efforts to **restore, preserve, and protect** native habitats and species are underway by many Task Force member agencies
 - **Conservation** of natural lands
 - Efforts to combat **invasive exotic species**

Strategy



- South Florida's **8.1 million residents** and the region's agricultural and tourism economies depend upon a healthy ecosystem
- Built system concerns include:
 - **Water supply**
 - **Flood protection**

Strategy

Restoration
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Objective
1.A.1

Objective
1.A.2

Objective
1.A.3

Objective
1.B.1

Objective
1.B.2

Goal 1: Get the Water Right

Water is the lifeblood of the South Florida Ecosystem, supporting many unique habitats. By the year 2000, historic water flows had been reduced to less than one-third of those that had once flowed through the Everglades. The quality of water that entered the ecosystem had been seriously degraded. Water did not flow at the same times or durations as it had historically, nor could water move freely through the system. The whole South Florida Ecosystem suffered. The health of Lake Okeechobee was seriously threatened. Excessive freshwater discharges in the wet season and inadequate flows in the dry season threatened the estuaries and bays that are critical nurseries and home to many fish and wildlife species.

Getting the water right depends upon restoration of the region's hydrology and water quality. The right quantity of water, of the right quality, needs to be delivered to the right places and at the right times.

Subgoal 1.A	Get the Hydrology Right
Objective 1.A.1	Provide 1.8 million acre-feet of surface water storage by 2036.
Objective 1.A.2	Develop alternative water storage systems capable of storing 1.7 billion gallons per day by 2030.
Objective 1.A.3	Modify 361 miles of impediments to flow by 2020.

Subgoal 1.B	Get the Water Quality Right
Objective 1.B.1	Construct 96,010 acres of stormwater treatment areas by 2035.
Objective 1.B.2	Prepare locally based plans to reduce pollutants as determined necessary by the total maximum daily loads.

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Biennial Report

- The Task Force is required to report biennially on activities and progress made toward restoration
- Four principal audiences:
 - United States Executive Branch and Congress
 - Florida Legislature
 - Seminole Tribe of Florida
 - Miccosukee Tribe of Indians of Florida

Biennial Report

- The report provides a summary of restoration progress during the two-year reporting period, July 1, 2016 – June 30, 2018
- Further details can be found in the Integrated Financial Plan

Biennial Report

- Highlights major accomplishments by:
 - Program (e.g. CERP) or
 - Category (e.g. Invasive Species)
- Additional sections on:
 - Science
 - Task Force activities
 - Looking ahead
 - System-wide Ecological Indicators

Biennial Report

- July:** First draft out to WG/SCG for comments
- August:** Final draft distributed to WG/SCG
- September:** WG and SCG acceptance
- October:** Final draft to Task Force for approval

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Information for the 2016 Integrated Financial Plan
Data provided should be as of June 30, 2016

Volume 2

Project Name: C&SF: CERP Indian River Lagoon - South (IRLS)
C-23/C-24/C-25/ Northfork and Southfork Storage Reservoirs (UU P1 & UU P2) and C-44 Basin Storage Reservoir (B)

Project ID: 1101 (CERP Project WBS # 07)

Lead Agency: USACE / SFWMD

Authority: WRDA 2000; WRDA 2007; ("C-44 Basin Storage Reservoir (B)" was a WRDA 2000 Initially Authorized Project; uncompleted portions of the original C&SF project were de-authorized in WRDA 2007 when the broader IRL-S project was authorized for construction)

Funding Source: Federal/State

Strategic Plan Goal(s) Addressed: Primary: 1-A.1 Secondary: 2-A.3, 1-B.1, and 1-B.2

Measurable Output(s):

- 130,000 acre-feet reservoir storage (12,000 acres of above-ground storage)
(C-23/24 N: 43,920 ac-ft; C-23/24 S: 48,900 ac-ft; C-44: 33,150 ac-ft; C-25: 5,176 ac-ft)
- 9,000 acres of manmade wetlands (C-23/24: 2,363 acres; C-44: 6,000 acres; C-25: 142 acres)
 - 122 metric tons/yr. phosphorus expected load reduction
 - 475 metric tons/yr. nitrogen load expected reduction
- 99,781 acres of habitat improvement/restoration and additional water storage
 - Mosaic: 95,230 acres natural upland/wetlands habitat
 - Allapattah: 42,348 acres
 - Palmar: 17,143 acres
 - Cypress Complex: 32,639 acres
 - North Fork: 3,100 acres (flood plain preservation)
 - Aquatic Habitat: 4,551 acres in St. Lucie River and Estuary
 - Benthic: 2,650 acres
 - Submerged: 922 acres aquatic vegetation restoration
90 acres artificial submerged vegetation habitat
 - 889 acres or more of oyster habitat (muck removal at 1.8 ft = 7.9 M yd³)

April 1999 (Restudy) Project Synopsis: Included above-ground reservoirs with a combined storage capacity of approximately 349,400 acre-feet located in the C-23/C-24/C-25/Northfork and Southfork basins in St. Lucie and Martin Counties, as well as an above-ground reservoir with a total storage capacity of approximately 40,000 acre-feet located in the C-44 Basin in Martin County. The initial design of the reservoirs in the C-23/C-24/C-25 Basins assumes 39,000 acres (water levels up to 8 feet above grade) and 9,350 acres (water levels up to 4 feet above grade). The initial design of the reservoir in the C44 basin assumes 10,000 acres (water levels up to 4 feet above grade). Features are to capture runoff and provide water quality improvement including reduced loading of nutrients, pesticides and runoff pollutants.

Current Project Synopsis: This project is located in the Martin, St. Lucie, and Okeechobee counties.

The C-44 storage area feature was one of the initially authorized projects for implementation in WRDA 2000 and was recommended by the Chief of Engineers in August 2004. Plans and specifications for the C-44 Reservoir and STA were also part of the SFWMD early start work.

Information for the 2016 Integrated Financial Plan
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Volume 2



Aerial photo of C-44 Reservoir and Stormwater Treatment Area's intake canal at Citrus Blvd bridge (March 2014).

Hyperlinks: <http://www.saj.usace.army.mil/Missions/Environmental/EcosystemRestoration/>

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Source: Original project description summarized from the *Central and Southern Florida Project Comprehensive Review Study (Restudy) (1999)*. Cost estimate and current project status includes information summarized from the *Central and Southern Florida Project Indian River Lagoon - South Final Integrated Project Implementation Report (PIR) and Environmental Impact Statement (EIS) (2004)* and is updated to reflect current price levels in May 2013 dollars; along with the authorization in WRDA 2007. Current status was provided by the project manager. Actual expenditures include all federal expenditures through FY14 (Sept, 2014) and sponsor verified and recorded in kind credit through 4th quarter FY14. Schedule is updated based on the approved *Integrated Delivery Schedule Through 2020* (February 10, 2010).

Briefing Tool

- Web-based “Everglades Restoration 101”
- Geared towards a broad audience
 - Introductory level can scroll through main pages
 - Interactive graphics including GIS-based maps
 - Further details can be found via links
- Will reference:
 - Three strategic goals (Strategy)
 - Progress to date (Biennial Report)
 - Details via links (Integrated Financial Report)



Questions?

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