U.S. ARMY CORPS OF ENGINEERS (USACE)
COMPREHENSIVE EVERGLADES RESTORATION PLAN (CERP)
COMPONENTS OVERVIEW

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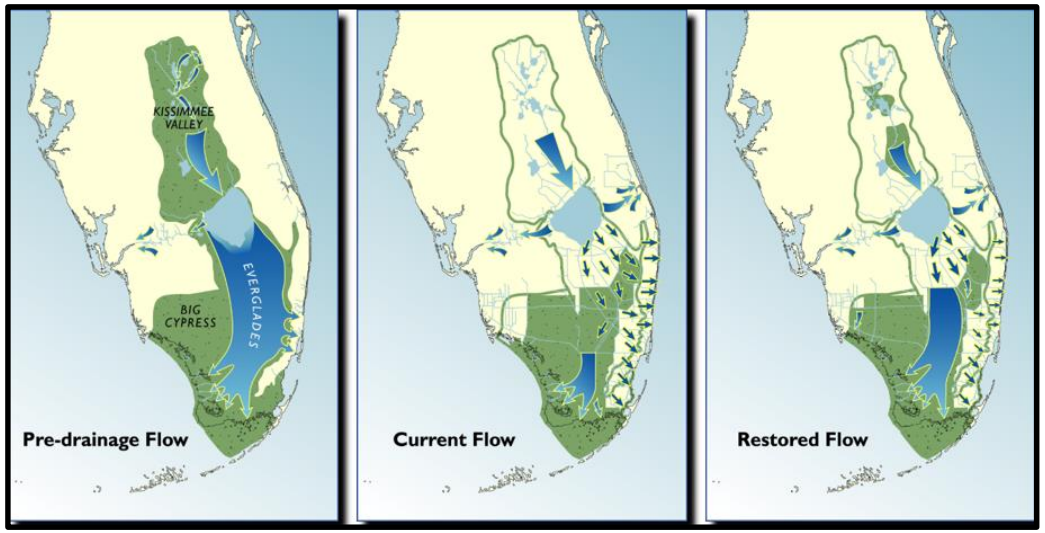
"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."

68 COMPONENTS FACTS

To achieve the vision of Everglades restoration, changes to the Southern Florida (C&SF) System are needed – meaning features and water management operations.



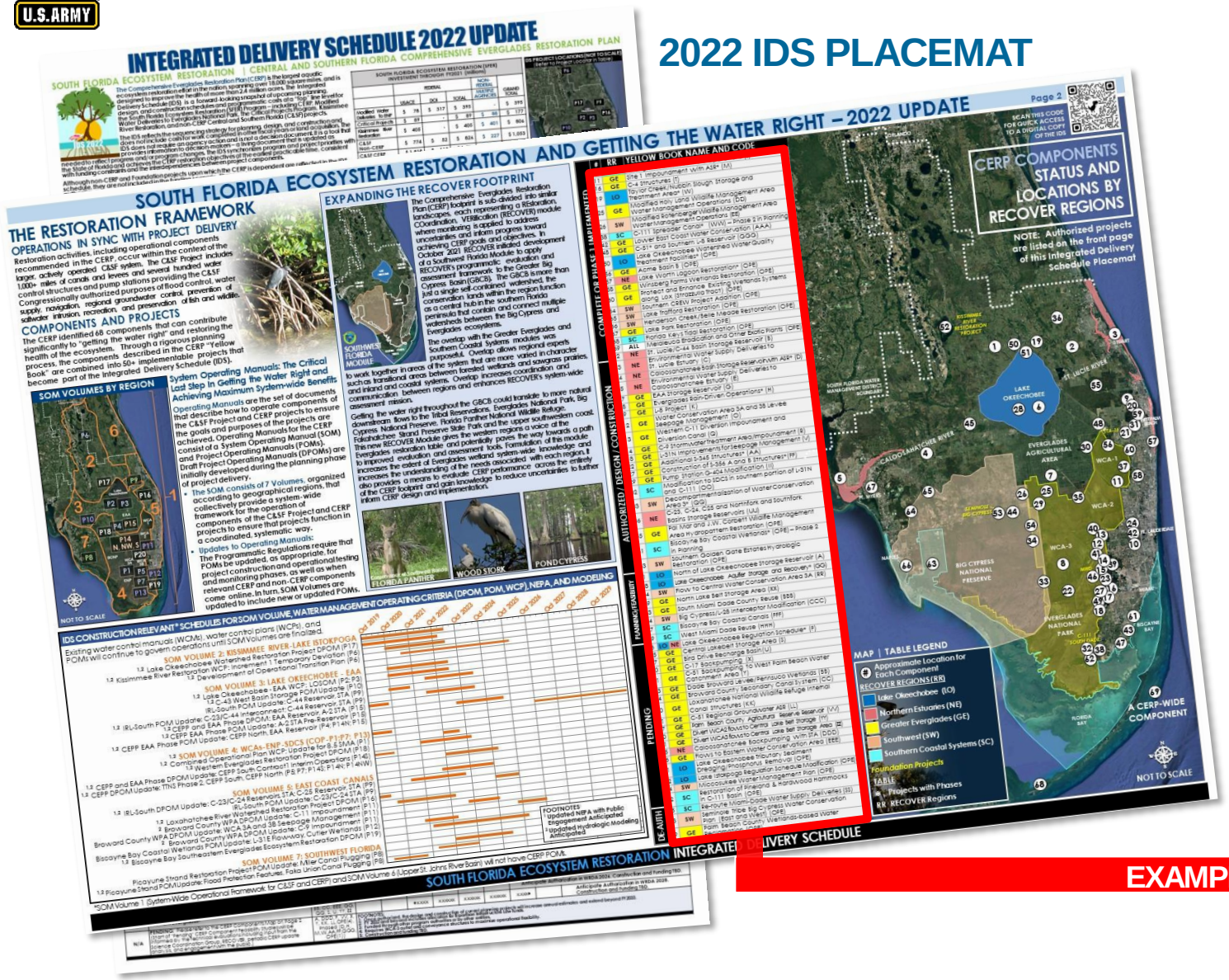
- All CERP components are part of the **Restudy or "Yellow Book**" and are labeled as a letter (Component A) or as an Other Project Element (OPE).
- A component can be new or a modification to infrastructure, or an operational change to the C&SF.

- The CERP framework and first 10 CERP projects were authorized in the Water Resources Development Act (WRDA) 2000.
- Congress provides additional authorizations to start construction of one or more components in WRDAs. These authorizations are the mechanism in which **components** become Federal **projects.**

- Since WRDA 2000, several components have been authorized through project for construction, others completed, or implemented.
- A status is summarized in several documents (e.g., South Florida Water Management District (SFWMD) **South Florida Environmental Report (SFER)**, and the **Integrated Delivery Schedule (IDS)**.

WHERE CAN I FIND THE COMPONENTS IN THE IDS?

2022 IDS PLACEMAT



	#	RR	YELLOW BOOK NAME AND CODE
COMPLETE OR PHASE 1 IMPLEMENTED	10	SC	Change Coastal Wellfield Operations (L)
	11	GE	Site 1 Impoundment with ASR* (M)
	16	GE	C-4 Structures (T)
	19	LO	Taylor Creek/Nubbin Slough Storage and Treatment Area* (W)
	25	GE	Modified Holy Land Wildlife Management Area Water Management Operations (DD)
	26	GE	Modified Rotenberger Wildlife Management Area Water Management Operations (EE)
	38	SC	C-111 Spreader Canal* (WW) – Phase 2 in Planning
	42	GE	Lower East Coast Water Conservation (AAA)
	48	GE	C-51* and Southern L-8 Reservoir (GGG)
	50	LO	Lake Okeechobee Watershed Water Quality Treatment Facilities* (OPE)
	56	GE	Acme Basin B (OPE)
	57	NE	Lake Worth Lagoon Restoration* (OPE)
	58	GE	Winsberg Farms Wetlands Restoration (OPE)
	60	GE	Protect and Enhance Existing Wetlands Systems along Lox (Strazzulla Tract) (OPE)
	64	GE	Southern CREW Project Addition (OPE)
	65	GE	Lake Trafford Restoration (OPE)
	66	GE	Henderson Creek/Belle Meade Restoration (OPE)
	67	GE	Lake Park Restoration (OPE)
	68	SC	Florida Keys Tidal Restoration (OPE)
	69	ALL	Melaleuca Eradication and Other Exotic Plants (OPE)
CONSTRUCTION	2	NE	St. Lucie/C-44 Basin Storage Reservoir (B)
	3	NE	Environmental Water Supply Deliveries to St. Lucie Estuary (C)
	4	NE	Caloosahatchee Basin Storage Reservoir with ASR* (D)
	5	NE	Environmental Water Supply Deliveries to Caloosahatchee Estuary (E)
	7	GE	EAA Storage Reservoir (G)
	8	GE	Everglades Rain-Driven Operations* (H)
	9	GE	L-8 Project (K)

Reference: [2022 Integrated Delivery Schedule (IDS)]

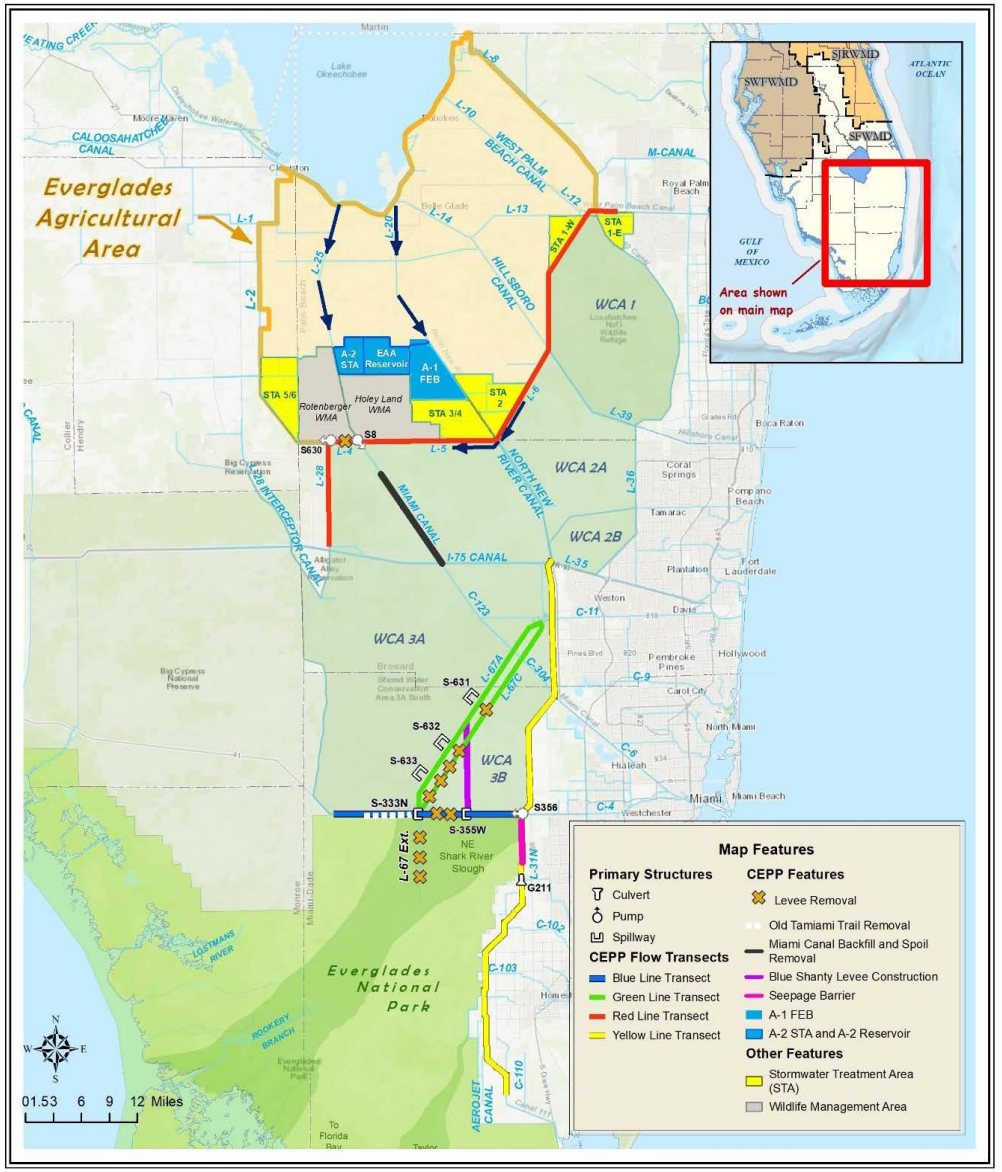
COMPONENT VS. PROJECT

CENTRAL EVERGLADES RESTORATION PROJECT (CEPP)

Authorized: WRDA 2016, 2018 and 2020

CERP Components (9):

1. **Component C:** Environmental Water Supply Deliveries to St. Lucie Estuary
2. **Component E:** Environmental Water Supply Deliveries to Caloosahatchee Estuary
3. **Component G:** Everglades Agricultural Area (EAA) Storage Reservoir
4. **Component H:** Everglades Rain-Driven Operations
5. **Component V:** L-31N Improvements for Seepage Management
6. **Component AA:** Additional S-345 Structures
7. **Component FF:** Construction of S-356 A & B Structures
8. **Component II:** Pump Station G-404 Modification
9. **Component QQ:** Decompartmentalization of Water Conservation Area 3

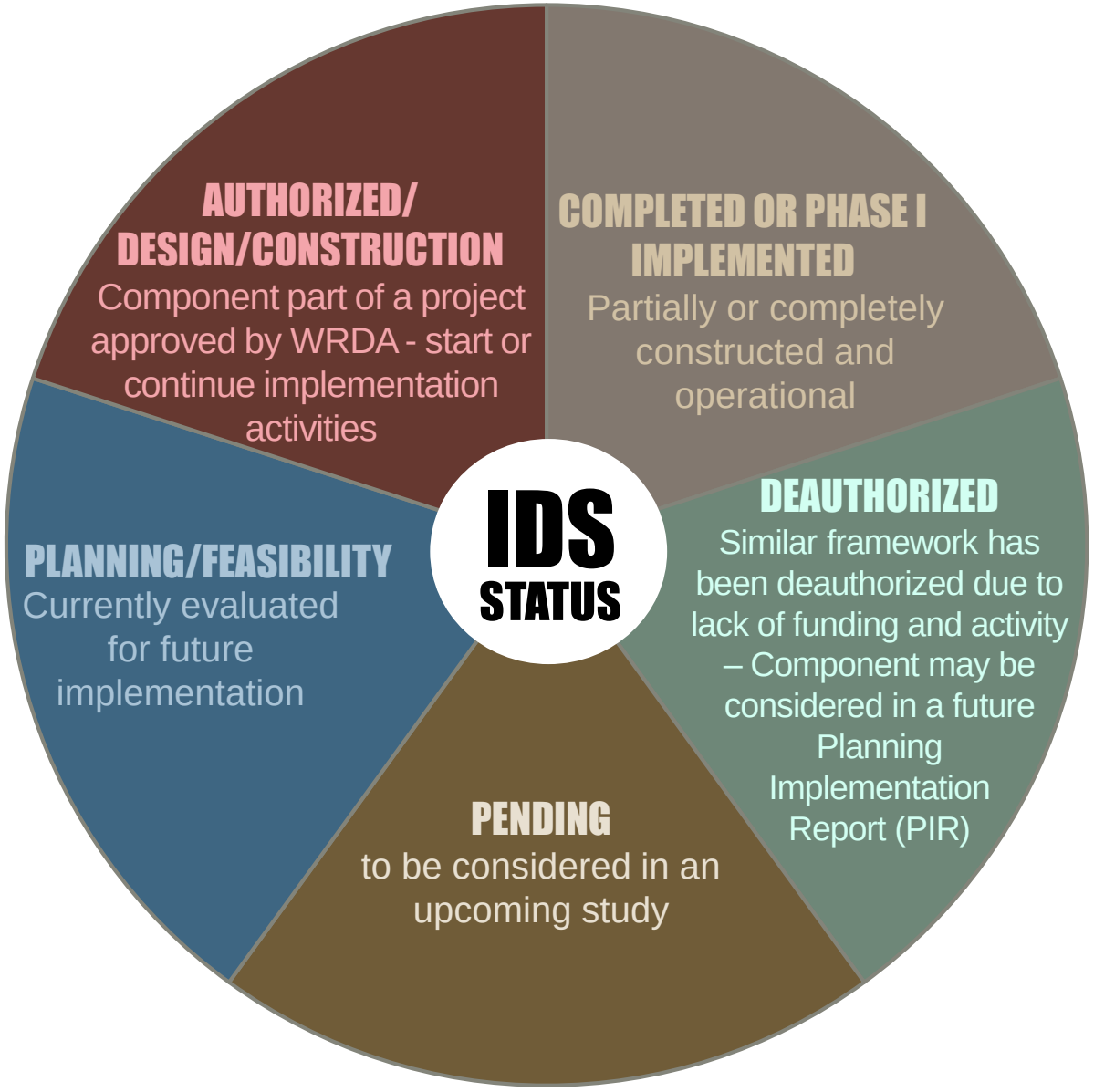


Did you know?

The IDS Placemat recognizes both projects and components. Check it out!

PROJECT LOCATOR	YELOW BOOK COMPONENTS	PROJECT
P14	AA, FF, H, QQ P1, G	**Central Everglades Planning Project (CEPP)**
	QQ	Decomp Physical Model (work performed under Master Design Agreement)

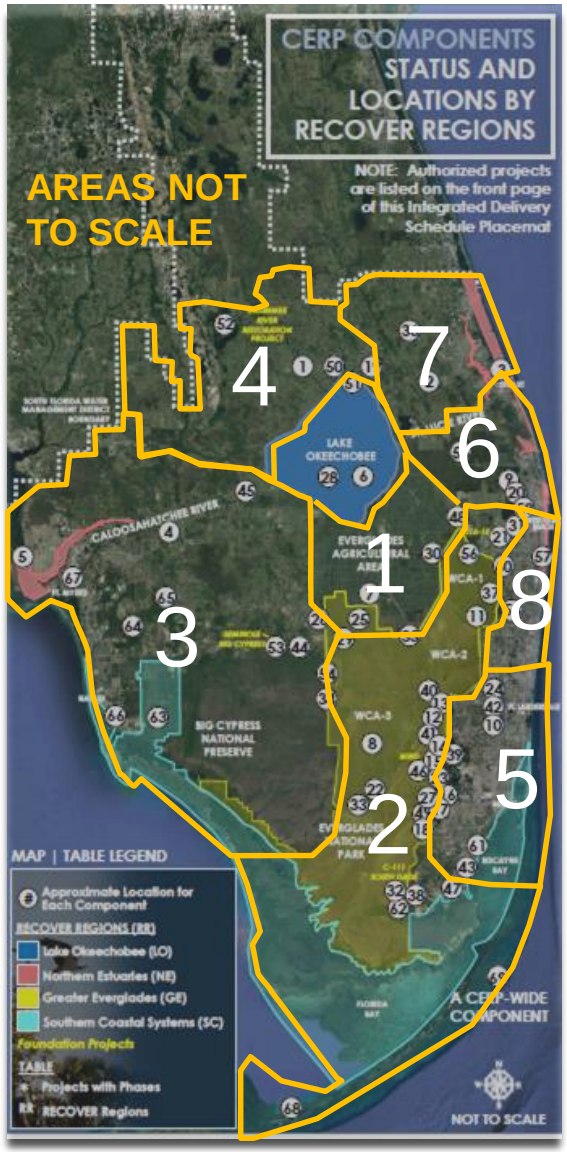
STATUS TERMINOLOGY OVERVIEW



Did you know?

Asterisks "*" by the name of a component means that it contains Phases.

2022 SFWMD SOUTH FLORIDA ENVIRONMENTAL REPORT

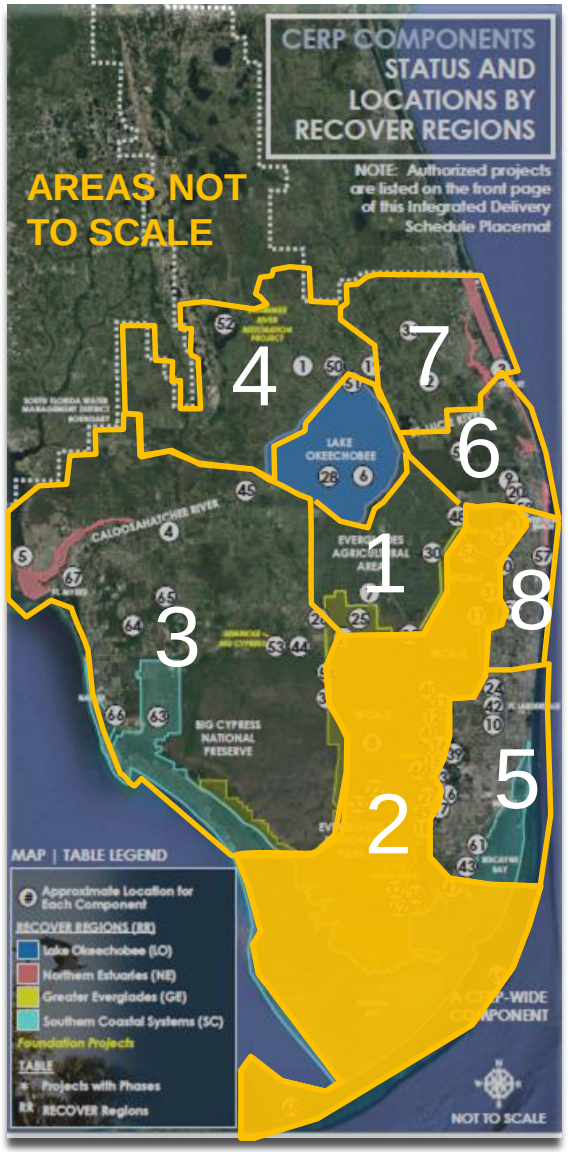


Total of 68 components and the systemwide OPE Melaleuca Eradication

Areas Number	Areas Name	Num of Restudy Comps.	Restudy Component
1	Everglades Agricultural Area	3	G, DD, EE
2	Everglades, Florida Bay and the Keys	15	II, RR, AA, QQ, SS, ZZ, EEE, V, FF, U, WW, OO, OPE(2), H
3	Lower West Coast	10	D, E, DDD, CCC, OPE(6)
4	Lake Okeechobee Watershed	7	A, W, F, OPE(3), GG
5	Miami-Dade County Region	9	XX, S, OPE(2), FFF, L, HHH, BBB, BB
6	Loxahatchee River Watershed	9	OPE(3), KK, K, GGG, X, Y, LL
7	Upper East Coast Region (Indian River Lagoon - South)	3	B, UU, C
8	Water Preserve Areas	12	VV, M, CC, OPE(3), Q, O, R, T, YY, AAA

Reference: 2022 South Florida Environmental Report - Volume I, Appendix 1-2

AREA 2 | EVERGLADES, FLORIDA BAY AND THE KEYS



Component H: Everglades Rain-Driven Operations (Phases)
- 2022 IDS Status: Active and authorized/design/construction

Component U: Bird Drive Recharge Basin
- 2022 IDS Status: Pending (forthcoming Southern Everglades)

Component V: L-31N Improvements for Seepage Management
- 2022 IDS Status: Active and authorized/design/construction

Component AA: Additional S-345 Structures (Phases)
- 2022 IDS Status: Active and authorized/design/construction

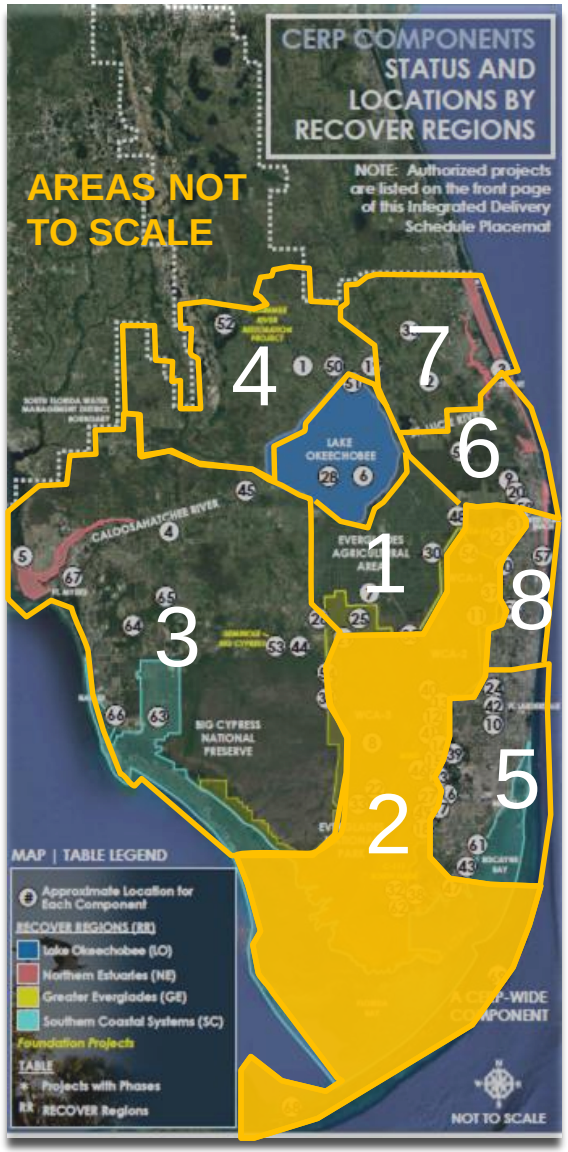
Component FF: Construction of S-356 A & B Structures (Phases)
- Divided into 2 sub-components
  - ✓ Increase S-356 A Pump Station;
  - ✓ Increase S-356 B
- 2022 IDS Status: Active and authorized/design/construction

Component II: Pump Station G-404 Modification
- 2022 IDS Status: Active and authorized/design/construction

Did you know?

Components are evaluated and sometimes modified through the planning process. **Example:** S-356 B sub-component was superseded by CEPP.

AREA 2 | EVERGLADES, FLORIDA BAY AND THE KEYS
CONTINUED



Component OO: Modification to South Dade Conveyance System (SDCS) in southern portion of L-31N and C-111

- 2022 IDS Status: Active and authorized/design/construction

Component QQ: Decompartmentalization of Water Conservation Area 3 (Phases)

- Divided into 3 sub-components
  - ✓ Decomp Physical Model
  - ✓ CEPP South
  - ✓ Decompartmentalization Phase II
- 2022 IDS Status: Active and authorized/design/construction

Ongoing: Western Everglades Restoration Project (WERP), Forthcoming planning/feasibility (additional Phases) (Southern Everglades)

Component RR: Flow to Central Water Conservation Area 3A

- 2022 IDS Status: Active and in planning/feasibility (WERP)

Component SS: Re-route Miami-Dade Water Supply Deliveries

- 2022 IDS Status: Deauthorized

Component WW: C-111 Spreader Canal (Phases)

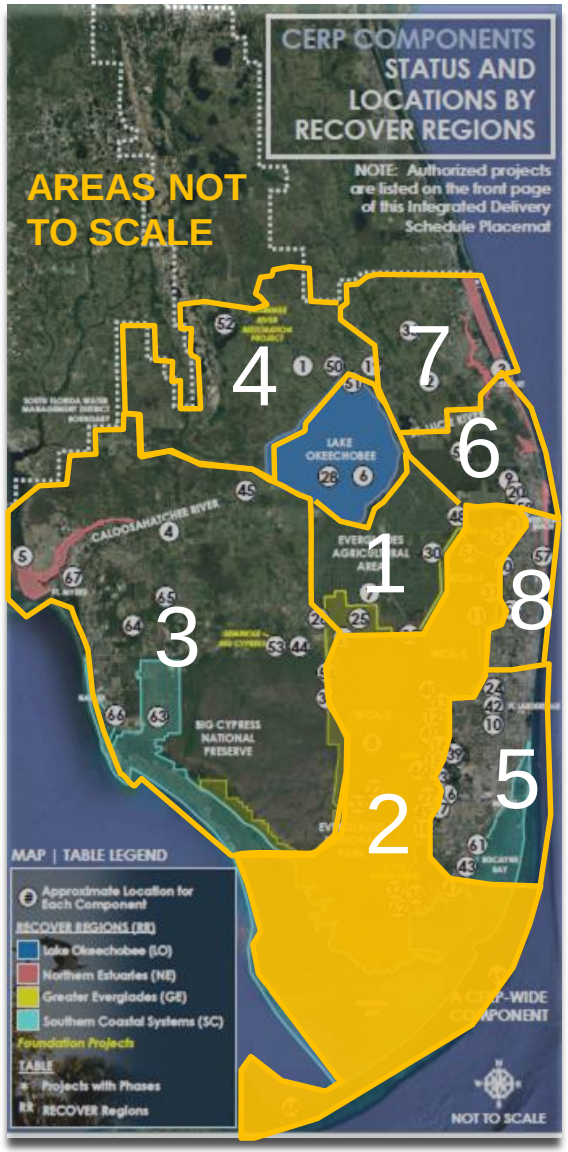
- Divided into 2 sub-components
  - ✓ Western and Eastern projects
- 2022 IDS Status: Complete or Phase I implemented

Ongoing: Active and in planning/feasibility (Phase II - BBSEER)

Did you know?

The IDS is a snapshot in time of each component status. Statuses change as our teams collaborate! **Example:** Component WW, eastern project is currently been evaluated under Biscayne Bay Southeastern Everglades Ecosystem Restoration (BBSEER).

AREA 2 | EVERGLADES, FLORIDA BAY AND THE KEYS
CONTINUED



Component ZZ: Divert Water Conservation Area 3 (WCA3) flows to Central Lake Belt Storage Area

- 2022 IDS Status: Pending

  Ongoing: Forthcoming planning/feasibility (Southern Everglades)

Component EEE: Flows to eastern Water Conservation Area

- 2022 IDS Status: Pending

  Ongoing: Forthcoming planning/feasibility (Southern Everglades)

OPE: Miccosukee Water Management Plan

- 2022 IDS Status: Pending

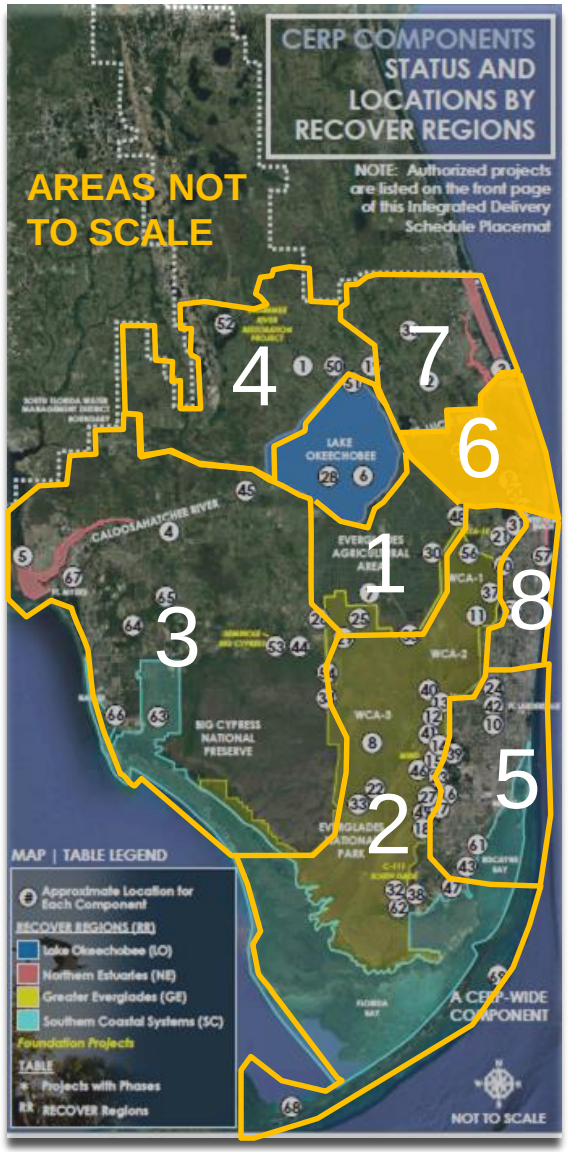
OPE - Florida Keys Tidal Restoration

- 2022 IDS Status: Complete or Phase I Implemented

Did you know?

There are some components that are directly interconnected. A change in the concept of one component would trigger a “domino effect” to others. **Example:** Component ZZ, EEE and S.

AREA 6 | LOXAHATCHEE RIVER WATERSHED



Component K: L-8 Project
- Divided into 3 sub-components
  - ✓ Loxahatchee River Watershed Restoration Project (LRWRP) Flow-way 1
  - ✓ LRWRP Flow-way 2
  - ✓ LRWRP ASR
- 2022 IDS Status: Active and authorized/deign/construction

Ongoing: Authorized under LRWRP in WRDA 2020

Component X: C-17 Backpumping
- 2022 IDS Status: Pending

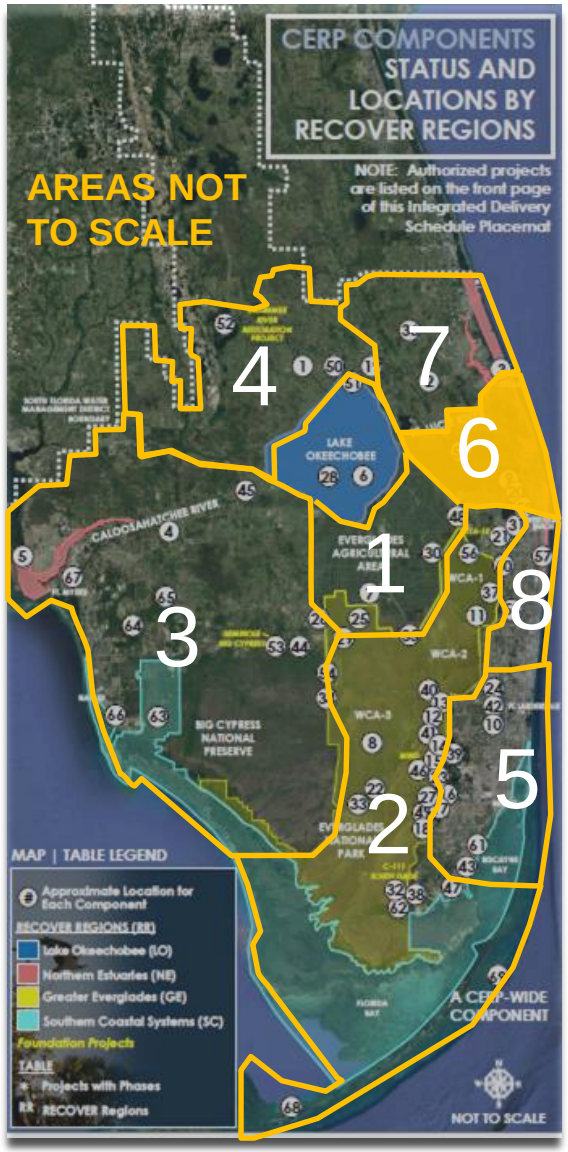
Component Y: C-51 Backpumping to West Palm Beach Water Catchment Area
- 2022 IDS Status: Pending

Component KK: Loxahatchee National Wildlife Refuge Internal Canal Structures
- 2022 IDS Status: Pending

Component LL: C-51 Regional Groundwater ASR
- 2022 IDS Status: Pending

Component GGG: C-51 and Southern L-8 Reservoir (Phases)
- 2022 IDS Status: Complete or Phase I Implemented (Southern L-8 Reservoir)

AREA 6 | LOXAHATCHEE RIVER WATERSHED CONTINUED



OPE: Pal Mar and J.W. Corbett Wildlife Management Area Hydropattern Restoration

- 2022 IDS Status: Active and authorized/design/construction

Ongoing: Authorized under LRWRP in WRDA 2020

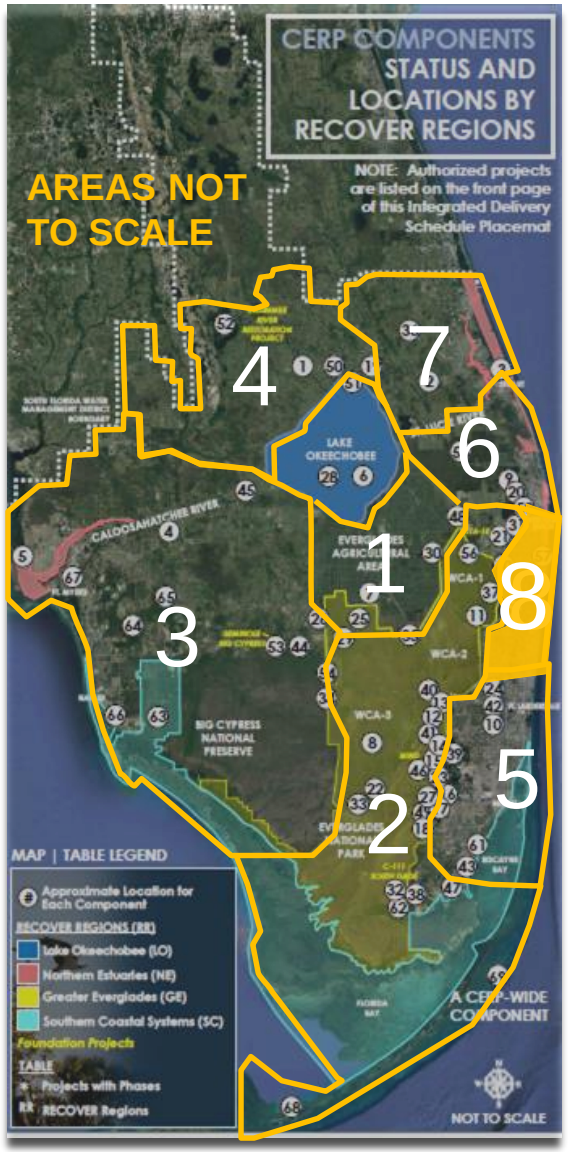
OPE: Lake Worth Lagoon Restoration

- 2022 IDS Status: Complete or Phase I Implemented (outside of CERP)

OPE: Winsberg Farms Wetlands Restoration

- 2022 IDS Status: Complete or Phase I Implemented (outside of CERP)

AREA 8 | WATER PRESERVE AREAS



Component M: Site 1 Impoundment with ASR (Phases)

- Divided into 2 sub-components
  - ✓ Seepage reduction
  - ✓ ASR and Site 1 Impoundment
- 2022 IDS Status: Complete or Phase I Implemented

Component O: Water Conservation Area 3A and 3B Levee Seepage Management

- 2022 IDS Status: Active and authorized/design/construction

Component Q: Western C-11 Diversion Impoundment and Diversion Canal

- Divided into 2 sub-components
  - ✓ Broward County Water Preserve Areas (BCWPA) & Mitigation Area Berm project
  - ✓ C-11 Impoundment
- 2022 IDS Status: Active and authorized/design/construction

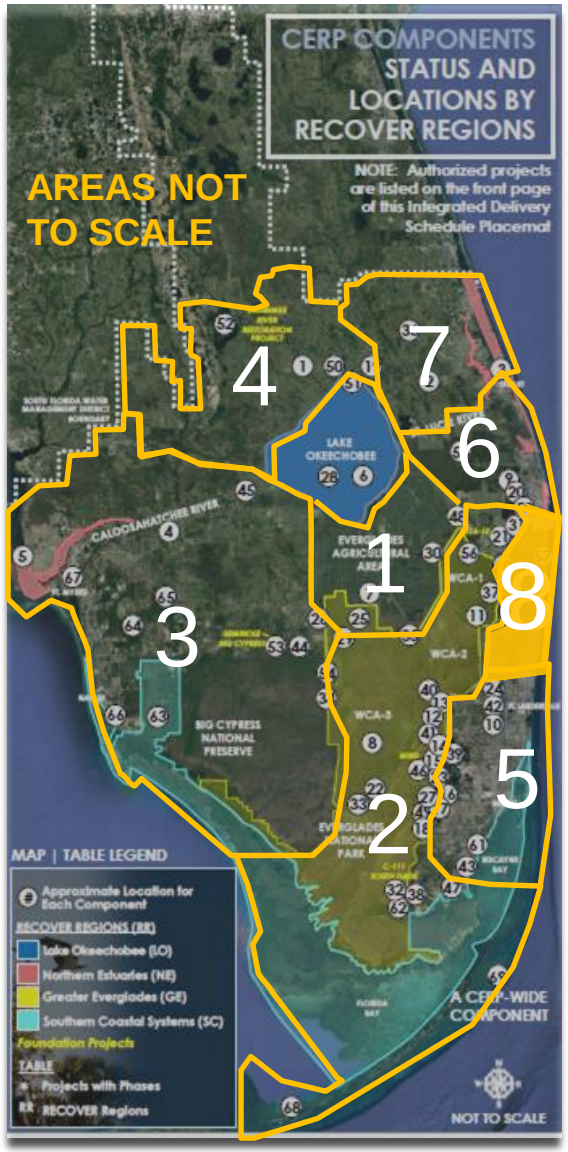
Component R: C-9 Stormwater Treatment Area/Impoundment

- 2022 IDS Status: Active and authorized/design/construction

Component T: C-4 Structures

- 2022 IDS Status: Complete or Phase I Implemented

AREA 8 | WATER PRESERVE AREAS CONTINUED



Component CC: Broward County Secondary Canal System

- 2022 IDS Status: Pending

Ongoing: Forthcoming planning/feasibility (Southern Everglades)

Component VV: Palm Beach County Agricultural Reserve Reservoir

- 2022 IDS Status: Pending

Component YY: Divert WCA2 flows to Central Lake Belt Storage

- 2022 IDS Status: Pending

Ongoing: Forthcoming planning/feasibility (Southern Everglades)

Component AAA: Lower East Coast Water Conservation

- 2021 IDS Status: Complete or Phase I Implemented (outside of CERP)

OPE: Acme Basin B

- 2022 IDS Status: Complete or Phase I Implemented (outside of CERP)

OPE: Palm Beach County Wetlands-based Water Reclamation

- 2022 IDS Status: Deauthorized

OPE: Protect and Enhance Existing Wetlands Systems along Lox (Strazzulla Tract)

- 2022 IDS Status: Complete or Phase I Implemented

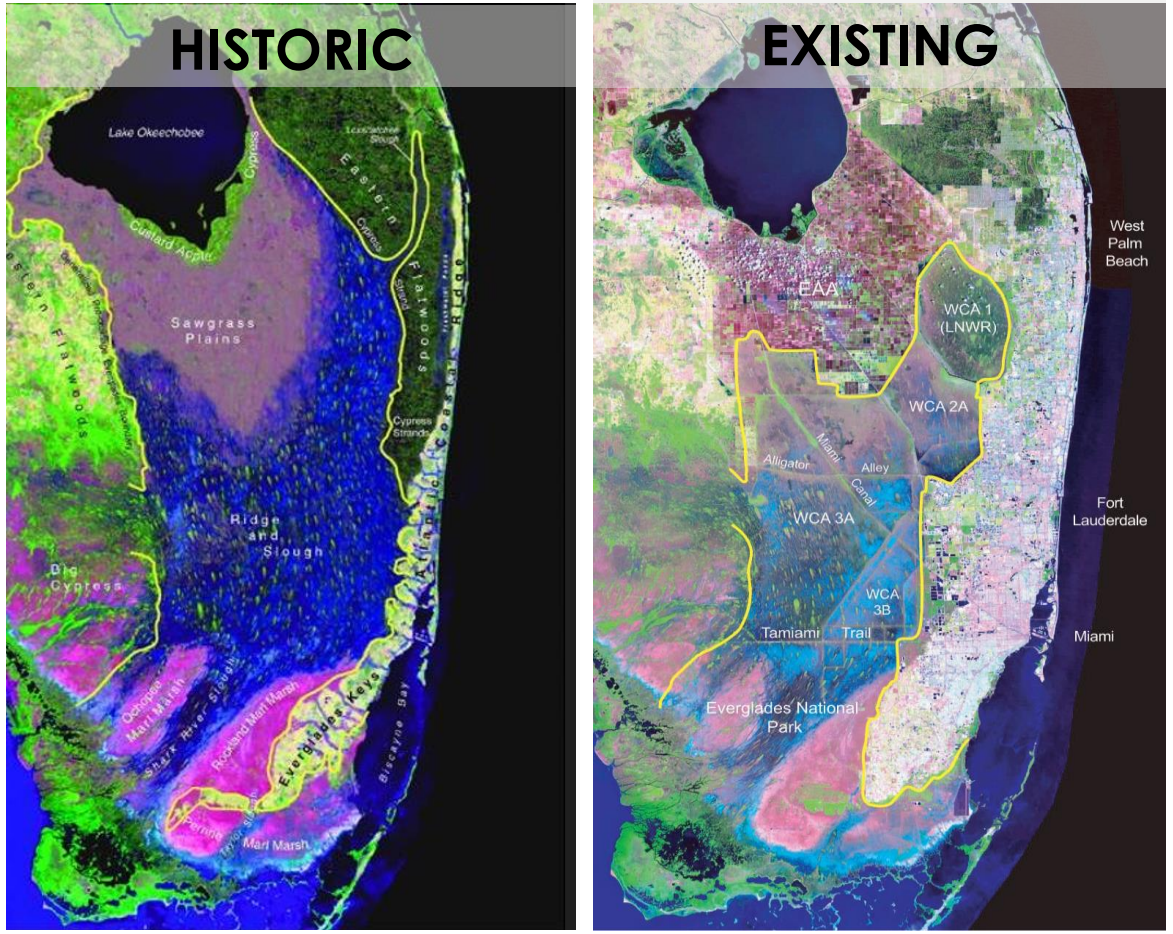
2024 IDS UPDATE

- Kicking off in June 2024
- Public Meetings/Listening Sessions in August – dates TBA
- Update status of 68 Components
- Draft IDS anticipated September
- Final anticipated October
- Information available at: https://www.saj.usace.army.mil/Missions/Environmental/Ecosystem-Restoration/Integrated-Delivery-Schedule/

OTHER PROGRAM-LEVEL ACTIVITIES

Second Periodic CERP Update (SPCU)

- The SPCU is intended to
  - ✓ provide a basis for evaluating whether the goals and purposes of CERP are being achieved,
  - ✓ conduct an evaluation of the Plan using new or updated modeling that includes the latest scientific, technical, and planning information,
  - ✓ determine the total quantity of water that is expected to be generated by implementation of the Plan, including the quantity expected to be generated for the natural system to attain restoration goals as well as the quantity expected to be generated for use in the human environment
- SPCU evaluation is expected to be completed and summarized in the 2025 Report to Congress
- SPCU results will be presented through Task Force engagements



REFERENCES

South Florida Environmental Report (SFWMD)

- Every year
- Latest edition: 2023
- Website: SFER 2023

Integrated Delivery Schedule (USACE)

- Every year
- Latest edition: 2022
- Website: IDS 2022

Biennial Report (Task Force)

- Every two years
- Latest edition: July 2020 – June 2022
- Website: Biennial Report

Report to Congress (CERP: USACE/DOI)

- Every five years
- Latest edition: 2015 – 2020
- Website: Report to Congress

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https://www.evergladesrestoration.gov/

THANK YOU!