



THE RESTORATION FRAMEWORK

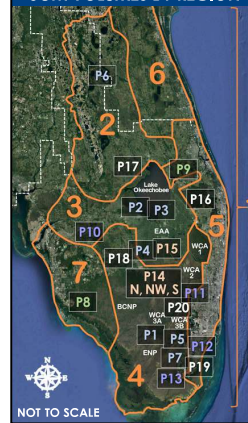
OPERATIONS IN SYNC WITH PROJECT DELIVERY

Restoration activities, including operational components recommended in the CERP, occur within the context of the larger, actively operated C&SF system. The C&SF Project includes 1,000+ miles of canals and levees and several hundred water control structures and pump stations providing the C&SF Congressionally authorized purposes of flood control, water supply, navigation, regional groundwater control, prevention of saltwater intrusion, recreation, and preservation of fish and wildlife.

COMPONENTS AND PROJECTS

The CERP identified 68 components that can contribute significantly to "getting the water right" and restoring the health of the ecosystem. Through a rigorous planning process, the components described in the CERP "Yellow Book" are combined into 50+ implementable projects that become part of the Integrated Delivery Schedule (IDS).

SOM VOLUMES BY REGION



System Operating Manuals: The Critical Last Step In Getting the Water Right and Achieving Maximum System-wide Benefits
Operating Manuals are the set of documents that describe how to operate components of the C&SF Project and CERP projects to ensure the goals and purposes of the projects are achieved. Operating Manuals for the CERP consist of a System Operating Manual (SOM) and Project Operating Manuals (POMs). Draft Project Operating Manuals (DPOMs) are initially developed during the planning phase of project delivery.

- The SOM consists of 7 Volumes, organized according to geographical regions, that collectively provide a system-wide framework for the operation of components of the C&SF Project and CERP projects to ensure that projects function in a coordinated, systematic way.
- Updates to Operating Manuals: The Programmatic Regulations require that POMs be updated, as appropriate, for project construction and operational testing and monitoring phases, as well as when relevant CERP and non-CERP components come online. In turn, SOM Volumes are updated to include new or updated POMs.

TRACKING RESTORATION SUCCESS

The concept of Interim Goals was introduced in the authorization of the CERP and was further developed into the Programmatic Regulations and defined as "a means by which the restoration success of the Plan may be evaluated throughout the implementation process." The regulations also required the development of Interim Targets for "evaluating the progress towards other water-related needs of the region provided for in the Plan..." (including water supply and flood protection).

Interim Goals and Targets (IGIT) provide a quantitative means of tracking performance made at specified intervals of time towards restoration of the South Florida system and for reporting progress of CERP to policy makers and the public. They also facilitate adaptive management of the system by linking science to decision-making if actual project performance towards meeting goals and targets is less than anticipated.

The IGIT involve the selection of indicators – key aspects of the natural, agricultural, and urbanized systems such as the ecosystem hydrology, salinity patterns, submerged aquatic vegetation, and aquatic fauna – that are monitored as CERP projects are constructed to assess progress towards the goals and purposes of CERP. The indicators selected for the IGIT represent the full range of expected changes – from upstream to downstream, from short-term to long-term, from hydrological to biological.

A combination of computer models and scientific expertise were used to predict how these indicators were expected to change as CERP is implemented (i.e., as projects are constructed and operated). These predictions were used to develop the IGIT. RECOVER provided an update to the IGIT in 2020. For more information on evaluation methodology and the RECOVER analysis, please visit: <https://www.scj.usace.army.mil/IGIT/>
In addition, to access the Report Card from the 2019 RECOVER System Status Report illustrating progress achieving ecological goals, please visit: <https://evergladesecohelth.org/>



IDS CONSTRUCTION RELEVANT * SCHEDULES FOR SOM VOLUME, WATER MANAGEMENT OPERATING CRITERIA (DPOM, POM, WCP), NEPA, AND MODELING

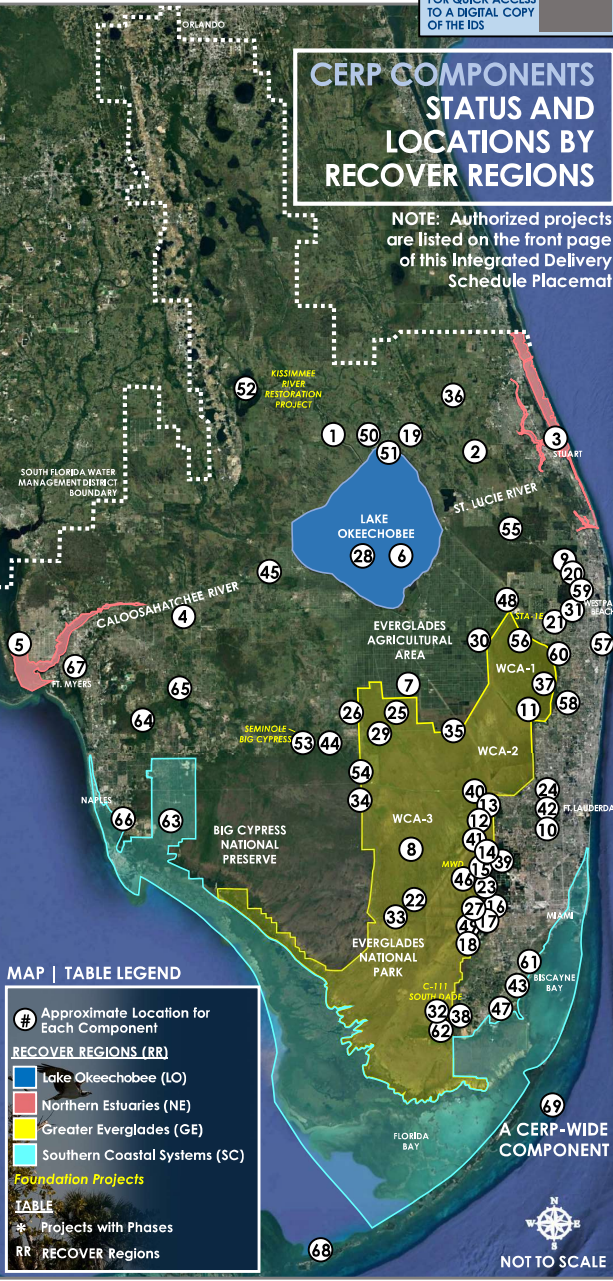
Existing water control manuals (WCMs), water control plans (WCPs), and POMs will continue to govern operations until SOM Volumes are finalized.

SOM VOLUME 2: KISSIMMEE RIVER-LAKE ISTOKPOGA	Oct 2019	Oct 2020	Oct 2021	Oct 2022	Oct 2023	Oct 2024	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029
1 ² Lake Okeechobee Watershed Restoration Project DPOM (P17)											
1 ² Kissimmee River Restoration WCP: Increment 1 Temporary Deviation (P6)											
1 ² Development of Operational Transition Plan (P6)											
SOM VOLUME 3: LAKE OKEECHOBEE – EAA											
1 ² Lake Okeechobee – EAA WCP: LOSOM (P2; P3)											
1 ² C-43 West Basin Storage POM Update (P10)											
1 ² IRL-South POM Update: C-44 Reservoir, STA (P9)											
1 ² IRL-South POM Update: C-23/C-44 Interconnect; C-44 Reservoir, STA (P9)											
1 ² CEPP and EAA Phase DPOM: EAA Reservoir: A-2 STA (P15)											
1 ² CEPP EAA Phase DPOM Update: A-2 STA (P15)											
1 ² CEPP EAA Phase DPOM Update: CEPP North, EAA Reservoir (P4; P14N; P15)											
1 ² SOM VOLUME 4: WCAs-ENP-SDCS (COP-P1-P7; P13)											
1 ² Combined Operational Plan WCP Update for 8.5 SMA (P1)											
1 ² Western Everglades Restoration Project DPOM (P16)											
1 ² CEPP and EAA Phase DPOM Update: CEPP South Contract 1 Interim Operations (P14S)											
1 ² CEPP DPOM Update: TINS Phase 2, CEPP South, CEPP North (P5; P7; P14S; P14N; P14NW)											
SOM VOLUME 5: EAST COAST CANALS											
1 ² IRL-South DPOM Update: C-23/C-24 Reservoirs, STA; C-25 Reservoir, STA (P9)											
1 ² Loxahatchee River Watershed Restoration Project DPOM (P16)											
2 Broward County WPA DPOM Update: C-11 Impoundment (P11)											
2 Broward County WPA DPOM Update: WCA 3A and 3B Seepage Management (P11)											
2 Broward County WPA DPOM Update: C-9 Impoundment (P11)											
2 Biscayne Bay Coastal Wetlands POM Update: L-31E Flow-way, Culler Wetlands (P12)											
1 ² Biscayne Bay Southeastern Everglades Ecosystem Restoration DPOM (P19)											
SOM VOLUME 7: SOUTHWEST FLORIDA											
1 ² Picayune Strand Restoration Project POM Update: Miller Canal Plugging (P8)											
1 ² Picayune Strand POM Update: Flood Protection Features, Faka Union Canal Plugging (P8)											

FOOTNOTES:
 1 Updated NEPA with Public Engagement Anticipated
 2 Updated Hydrologic Modeling Anticipated

*SOM Volume 1 (System-Wide Operational Framework for C&SF and CERP) and SOM Volume 6 (Upper St. Johns River Basin) will not have CERP POMs.

#	RR	YELLOW BOOK NAME AND CODE
10	SC	Change Coastal Wetfield 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 Rotenberg 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)
3	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)
12	GE	Water Conservation Area 3A and 3B Levee Seepage Management (C)
13	GE	Western C-11 Diversion Impoundment and Diversion Canal (Q)
14	GE	C-9 Stormwater Treatment Area/Impoundment (R)
18	GE	L-31N Improvements for Seepage Management (V)
22	GE	Additional S-345 Structures* (AA)
27	GE	Construction of S-356 A and B Structures** (FF)
29	GE	Pump Station G-404 Modification (II)
32	SC	Modification to SDCS in southern portion of L-31N and C-111 (OO)
33	GE	Decomartmentalization of Water Conservation Area 3* (QQ)
36	NE	C-23, C-24, C25 and Northfork and Southfork Basins Storage Reservoirs (UU)
55	GE	Palm Mar and LW Corbett Wildlife Management Area Hydropattern Restoration (OPE)
61	SC	Biscayne Bay Coastal Wetlands* (OPE) – Phase 2 in Planning
63	SC	Southern Golden Gate Estates Hydrologic Restoration (OPE)
1	LO	North of Lake Okeechobee Storage Reservoir (A)
28	LO	Lake Okeechobee Aquifer Storage and Recovery* (GG)
34	GE	Flow to Central Water Conservation Area 3A (RR)
39	GE	North Lake Bell Storage Area (XX)
43	GE	South Miami Dade County Reuse (BBB)
44	GE	Big Cypress/L-28 Interceptor Modification (CCC)
47	SC	Biscayne Bay Coastal Canals (FFF)
49	SC	West Miami Dade Reuse (HHH)
6	LO	Lake Okeechobee Regulation Schedule* (F)
15	GE	Central Lakebell Storage Area (S)
17	GE	Bird Drive Recharge Basin (U)
20	GE	C-47 Backpumping (X)
21	GE	C-51 Backpumping to West Palm Beach Water Catchment Area (Y)
23	GE	Dade Broward Levee/Pennsco Wetlands (BB)
24	GE	Broward County Secondary Canal System (CC)
30	GE	Loxahatchee National Wildlife Refuge Internal Canal Structures (KK)
31	GE	C-51 Regional Groundwater ASR (LL)
37	GE	Palm Beach County Agricultural Reserve Reservoir (VV)
40	GE	Diver WCA2 flows to Central Lake Bell Storage (YY)
41	GE	Diver WCA3 flows to Central Lake Bell Storage (ZZ)
45	NE	Caloosahatchee Backpumping with STA (DDD)
46	GE	Flows to Eastern Water Conservation Area (EEE)
51	LO	Lake Okeechobee Tributary Sediment Dredging/Phosphorus Removal (OPE)
52	LO	Palm Beach County Agricultural Reserve Modification (OPE)
54	GE	Miccosukee Water Management Plan (OPE)
56	SC	Restoration of Pineland & Hardwood Hammocks in C-111 Basin (OPE)
35	SC	Re-route Miami-Dade Water Supply Deliveries (SS)
53	GE	Seminole Tribe Big Cypress Water Conservation Plan (East and West) (OPE)
59	GE	Palm Beach County Wetlands-based Water Reclamation (OPE)



MAP | TABLE LEGEND

- # Approximate Location for Each Component
- RECOVER REGIONS (RR)**
 - Blue: Lake Okeechobee (LO)
 - Red: Northern Estuaries (NE)
 - Yellow: Greater Everglades (GE)
 - Green: Southern Coastal Systems (SC)
- Foundation Projects**
- TABLE**
 - * Projects with Phases
 - RR RECOVER Regions