C-44 RESERVO R & STORMWATER TREATMENT AREA















U.S. ARMY CORPS OF ENGINEERS A STRONG PARTNER IN RESTORING THE EVERGLADES



CONSTRUCTION UPDATE | JUNE 2015

PROJECT FEATURES:

- 50,600 acre-feet of new water storage and 3,600 acres of new wetlands
- This component will attenuate peak flows to the St. Lucie Estuary and southern portion of the Indian River Lagoon
- Reduce nutrient loads by more than 100 metric tons per year

PROJECT SCHEDULE:

The project is being implemented in five construction contracts:

- Contract 1:
 - Awarded in 2011 by the U.S. Army Corps of Engineers
 - Consists of constructing the western intake canal, eastern C-333/133A canal, Citrus Blvd. bridge and culvert, and all access roads and staging areas
 - Construction completed in July 2014
- Contract 2:
 - Scheduled to be awarded in summer 2015 by the Corps
 - Consists of constructing the 3,400-acre reservoir. The reservoir is the largest component of the project and will provide 50,600 acre-feet of storage.
- Contracts 3-5:
 - Awarded in 2014 and 2015 by the South Florida Water Management District (SFWMD)
 - Consists of constructing the pump station, stormwater treatment area (STA) and system discharge canal

CONSTRUCTION STATUS::

- Construction of Contract 1 was completed by the Corps in July 2014
- The SFWMD is currently in the process of constructing the pump station, stormwater treatment area and system discharge canal
- The Corps is scheduled to award the construction contract for the reservoir in summer 2015
- Construction is scheduled to be completed in 2019, followed by two years of operational testing

OVERALL INDIAN RIVER LAGOON-SOUTH PROJECT ENVIRONMENTAL BENEFITS:

- Four large reservoirs and stormwater treatment areas
 - 130,000 acre-feet of new storage in 12,610 acres of new reservoirs
 - 35,000 acre-feet of new storage in 8,730 acres of stormwater treatment areas
 - Reduction in more than 200 metric tons of nutrient loads per year
- Natural storage and treatment areas
 - 90,000 acres of wetlands
 - Storage capacity of 30,000 acre-feet of water
 - Reduction in more than 400 metric tons of nutrient loads per year
- Muck remediation for artificial habitat
 - Removal of approximately 7.9 million cubic yards of muck
 - Will restore 1,300 acres for oysters and aquatic vegetation to re-colonize