

C-44 Reservoir and Stormwater Treatment Area (RSTA)



Location:	Martin County
Subwatershed:	East Lake Okeechobee
Basin:	C-44
Purpose:	Capture local runoff from the C-44 Basin, treat some or all of it via sedimentation and natural transformation of nutrients, and return it to the C-44 Canal when there is a need. The components are designed for flow attenuation to the St. Lucie Estuary, water quality benefits from reduced loading of nutrients, pesticides, herbicides, and other pollutants contained in runoff presently discharged to the estuary, and water supply benefits.
Project Operation Start:	Estimated 2021
Considerations/Update:	<p>The project components include a reservoir, a pump station, stormwater treatment areas, canals, embankments, structures, roads, and the temporary reconfiguration of Troup Indiantown Water Control District (TIWCD) canals:</p> <ul style="list-style-type: none">• Reservoir – Acreage 3,400 acres, water depth approximately 15 feet (ft), storage volume of 50,600 to 55,000 acre-feet (ac-ft), embankment length 48,600 linear ft.• Pump Station – Capacity 1,100 cubic feet per second (CFS)• TIWCD Irrigation Pump Station – 85,000 gallons per minute (GPM)• STA – Acreage: 6,300 acres, Intake/Discharge Canals: 20,000 linear ft, Perimeter Canals: 92,500 linear ft, Conveyance/Control Structures: 19, Storage Volume: 8,505 ac-ft (based on 90 percent footprint area available for storage and 1.5 ft standard operating depth) <p>The U.S. Army Corps of Engineers is constructing the reservoir with an estimated completion date of 2021. The SFWMD is constructing the stormwater treatment area (STA) with an estimated completion date of summer 2019.</p>