



SOUTH POST ROAD Invasive Plants

Work on the natural vegetation along the south side of South Post Road, between St. Katherine Drexel Church and the Weston Regional Park, has been done by the South Florida Water Management District (SFWMD) in conjunction with the United States Army Corp of Engineers (USACE).

In partnership, these agencies are implementing the C-11 Impoundment Project, a part of the Broward County Water Preserve Areas Project and the Comprehensive Everglades Restoration Plan. The C-11 Impoundment Project limits are the undeveloped portions of Weston, being Griffin Road to the south, South Post Road to the east, Regional Park to the north, and US 27 to the west. The project has been under land acquisition, engineering, and design since the early 1990's. The USACE is responsible for design and construction of the project and the SFWMD is responsible for acquisition of all project lands. An informational Open House for residents was held by these agencies on December 1, 2015 at Weston City Hall.



The SFWMD contractors applied exotic plant treatments in the future C-11 impoundment area during the months of January and February 2017. Contractors targeted all invasive exotic plants including Lygodium and Melaleuca. **Florida native trees were left in place.** It is standard practice with broad scale vegetation management in natural areas to treat the exotic plants and leave the biomass in place. Eventually the biomass will decompose and native plants will colonize the area.

BENEFITS OF THE PROJECT INCLUDE:

- Retain water in the Everglades by reducing seepage out of Water Conservation Area 3
- Prevent urban runoff from entering the Everglades
- Improve local groundwater recharge to help protect drinking water supplies

The South Florida Water Management District (SFWMD) is a regional governmental agency that oversees the water resources in the southern half of the state. The mission is to manage and protect water resources of the region by balancing and improving flood control, water quality, natural systems and water supply.

BROWARD COUNTY | Water Preserve Areas

FACTS & INFORMATION

JANUARY 2016

The Broward County Water Preserve Areas (BCWPA) is part of the Comprehensive Everglades Restoration Plan (CERP).

PROJECT BACKGROUND

The Broward County Water Preserve Area (WPA) project consists of three components that were recommended as part of CERP. The three components are:

- C-11 Impoundment
- C-9 Impoundment
- Water Conservation Area (WCA) 3A/B Seepage Management

The three WPA components that make up the Broward County WPA project consist of two above ground impoundments and a wetland buffer strip. These components will provide natural functions including: reducing seepage from WCA 3, reducing phosphorus loading to WCA 3A, capturing water lost to tile, and providing conveyance features for urban and natural system water deliveries. These functions will be achieved by separating stormwater from seepage collected from WCA 3 and diverting stormwater from Western C-11 Basin and the C-9 Basin to the impoundments.

PROJECT LOCATION

The project study area is located in western Broward and Miami Dade counties in north Florida. The project lands are bounded by WCA 3A/B, Interstate 75, and the Miami Canal (C-9), and are within the city limits of Weston, Pembroke Pines, Mizner and the town of Southwest Ranches.

PROJECT PURPOSE

The project is designed to perform two primary functions:

- Reduce seepage from Water Conservation Area (WCA) 3A/B to the C-11 and C-9 basins
- Capture, store and distribute surface water runoff from the western C-11 Basin that has been discharged into WCA 3A/B.

Additional project functions include: maintaining existing level of service flood protection, groundwater recharge, increasing spatial extent of wetlands, and improving hydroperiods and hydroperiods in WCA 3A/B.

Existing water reserves will not be affected. The BCWPA project will benefit federally-listed threatened and endangered species and many nesting birds. Approximately 95,000 acres in WCA 3 and 300,000 acres in the greater Everglades will benefit from the project's implementation.

PROJECT STATUS

On June 30, 2014, the project received congressional authorization in the Water Resources Reform and Development Act (WRRDA) of 2014. Congressional authorization now makes the project eligible for funding during the appropriations process.

Click photo for more details