BROWARD COUNTY | Water Preserve Areas

FACTS & INFORMATION

AUGUST 2015

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/3B 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 various functions including: reducing seepage from WCA 3, reducing phosphorous loading to WCA 3A, capturing water lost to tide, 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 PURPOSE

The project is designed to perform two primary functions:

- Reduce seepage loss from Water Conservation Area (WCA) 3A/3B 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/3B.

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

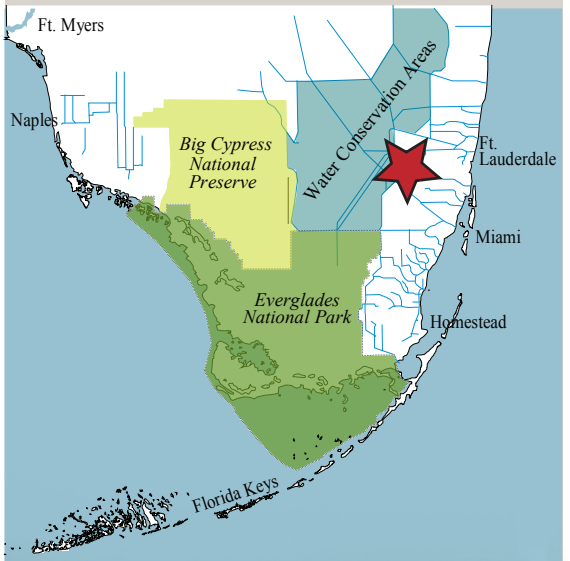
Existing water reservations will not be affected. The BCWPA project will benefit federally-listed threatened and endangered species and many wading birds. Approximately 563,000 acres in WCA 3 and 200,000 acres in the greater Everglades will benefit from the project's implementation.

PROJECT STATUS

On June 10, 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.

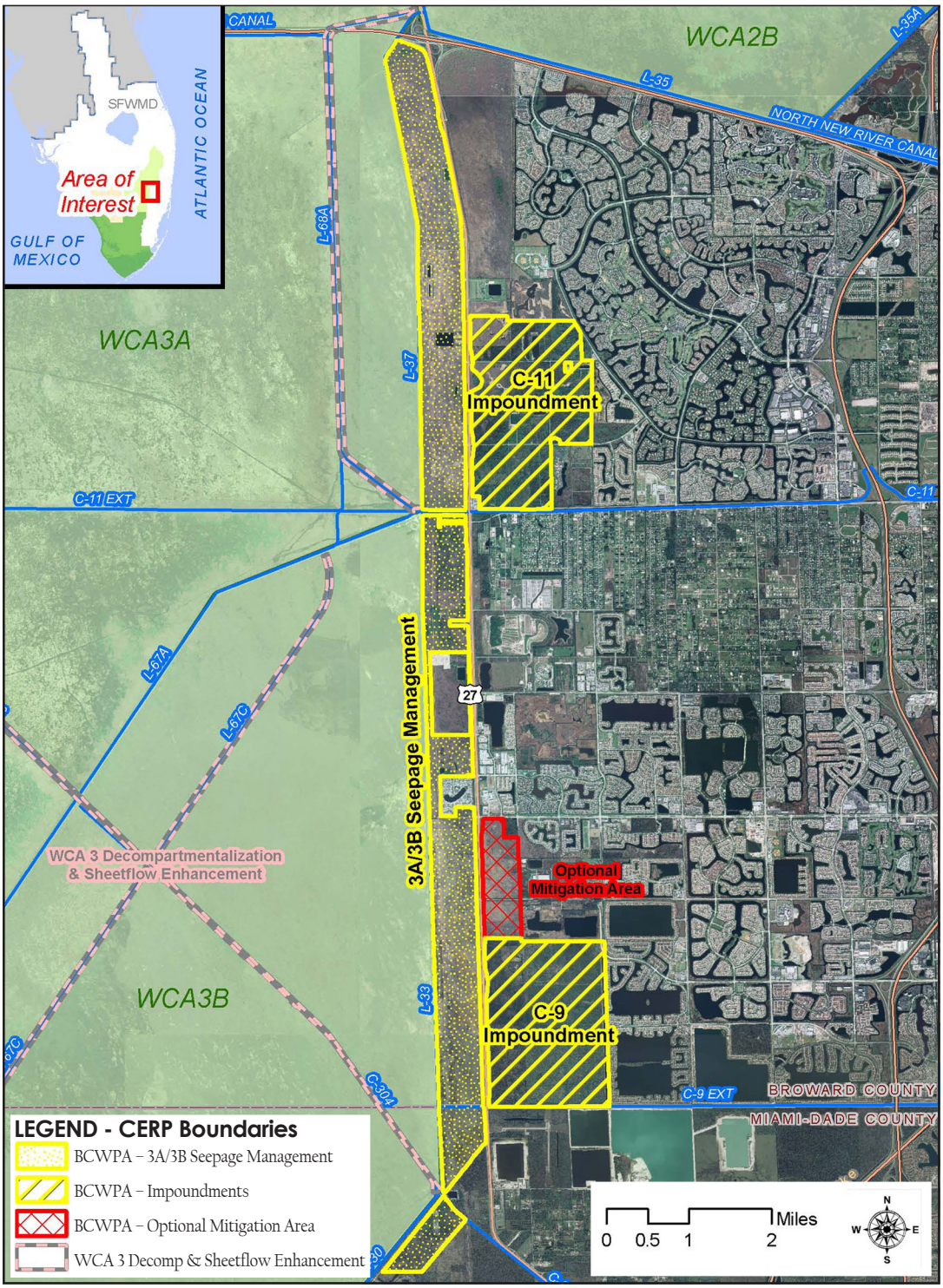
PROJECT LOCATION

The project study area is located in western Broward and Miami-Dade counties in south Florida. The project lands are bordered by WCA 3A/3B, Interstate 75, and the Miami Canal (C-6), and are within the city limits of Weston, Pembroke Pines, Miramar and the town of Southwest Ranches.



THE SELECTED PLAN

The selected plan includes two above-ground impoundments, associated pumps, and water control structures. The C-11 Impoundment has an effective interior storage of 1,068 acres and two wetland marsh mitigation areas north of the C-11 Impoundment with 488 acres of wetland marsh. The C-9 Impoundment has an effective interior storage of 1,641 acres. The 4,353-acre WCA 3A/3B Seepage Management Area would manage seepage loss from the WCA 3A/3B and connect the two impoundments with a conveyance canal. The three components work together to form a regional project that manages seepage loss, captures stormwater, and conveys water for other purposes.



FOR MORE INFORMATION www.bit.ly/BrowardCountyWPA

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