

**CENTRAL AND SOUTHERN FLORIDA PROJECT
BROWARD COUNTY WATER PRESERVE AREAS**

**FINAL
INTEGRATED PROJECT IMPLEMENTATION REPORT AND
ENVIRONMENTAL IMPACT STATEMENT**



U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT

SOUTH FLORIDA WATER
MANAGEMENT DISTRICT

APRIL 2007

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Responsible Agencies: The lead agency is the U.S. Army Corps of Engineers, Jacksonville District. The South Florida Water Management District is the non-Federal cost sharing partner for the project. Other participating agencies are the U.S. Fish and Wildlife Service, the U.S. Environmental Protection Agency, the National Park Service, the Florida Fish and Wildlife Conservation Commission, the U.S. Geological Survey, the Natural Resources Conservation Service, and the Florida Department of Environmental Protection. There are no Cooperating Agencies as defined in 40 CFR 1508.5 and no agency was requested to be a Cooperating Agency.

Abstract: This report documents studies for the Broward County Water Preserve Areas (BCWPA) Project in accordance with the requirements of Section 601(d) of the Water Resources Development Act of 2000 (WRDA 2000) and recommends authorization of this project. The BCWPA Project addresses loss of ecosystem function within the Everglades as a result of 1) damaging discharges of runoff from developed areas in western Broward County into the Everglades (Water Conservation Area 3A); 2) excessive nutrient loading to the Everglades and; 3) excessive seepage of water out of the Everglades to developed areas in western Broward County. The project also addresses insufficient quantities of water available in the regional water management system during dry periods to meet municipal, agricultural, and environmental water supply demands.

The selected plan reflects an optimization of reservoir configuration, storage volume, and seepage management features. The selected plan includes two above-ground impoundments and associated pumps and water control structures: the C-11 Impoundment with 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 with an effective interior storage of 1,641 acres and two wetland marsh mitigation areas north of the C-9 Impoundment with 339 acres of wetland marsh; canal conveyance improvements to connect the two impoundments; and an approximately 4,633 acre seepage management area east of the Water Conservation Areas. The selected plan will improve fish and wildlife habitat within the Everglades, including habitat for threatened and endangered species such as the Everglades snail kite.

This Final Project Implementation Report and Environmental Impact Statement describes public and agency involvement in project development (including comments received and responses), explains the plan formulation and alternative evaluation and plan selection processes, and documents recommended plan features, including costs and environmental benefits.

THE OFFICIAL CLOSING DATE FOR THE RECEIPT OF COMMENT IS 30 DAYS FROM THE DATE ON WHICH THE NOTICE OF AVAILABILITY OF THIS EIS APPEARS IN THE FEDERAL REGISTER.

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NOTE: This report includes an integrated Environmental Impact Statement within the Final Project Implementation Report. An asterisk in the Table of Contents notes sections required for compliance with the National Environmental Policy Act.

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