

**Project Name:** C&SF: CERP Broward County Water Preserve Areas (R) (Q) (O)  
*[A/k/a Broward County WPAs [Broward County WPA - C-9 Impoundment (R) and Western C-11 Diversion Impoundment and Canal (Q) and Water Conservation Areas 3A and 3B Levee Seepage Management (O)]*

**Project ID:** 1116 (CERP Project WBS # 45)

**Lead Agency:** USACE / SFWMD

**Authority:** WRDA 2000 (*Initially Authorized Projects -3*); WRRDA 2014

**Funding Source:** Federal/State

**Strategic Plan Goal(s) Addressed:** Primary: 1-A.1 Secondary: 2-A.3

**Measurable Output(s):**

- 11,648 acre-feet total storage (2,808 acres of impoundment)
- 4,633 acres of natural area

**April 1999 (Restudy) Project Synopsis:** The original concept included canals, levees, water control structures, and a stormwater treatment area (STA)/impoundment with a total storage capacity of 6,400 acre-feet located in western Broward County. The initial design of a STA/impoundment assumed 1,600 acres (water level fluctuating up to 4 feet above grade). Detailed design of this feature will address appropriate pollution load reduction targets necessary to protect receiving waters. The STA was subsequently deleted from the concept.

The C-11 and Seepage Management Area components are to divert and treat runoff from the western C-11 Basin presently discharged into Water Conservation Area 3A, control seepage from Water Conservation Areas 3A and 3B by improving groundwater elevations, and providing flood protection for the western C-11 Basin. Runoff in the western C-11 Canal Basin that was previously back-pumped into Water Conservation Area 3A through the S-9 pump station will be diverted into the C-11 Impoundment and then into either the North Lake Belt Storage Area, the C-9 Stormwater Treatment Area/Impoundment, or Water Conservation Area 3A after treatment, as applicable. The C-9 component are to provide treatment of runoff stored in the North Lake Belt Storage Area, enhance the groundwater recharge within the basin, provide seepage control for Water Conservation Area 3 and buffer areas to the west, and to provide flood protection for western C-9 Basin.

**Current Project Synopsis:** As specified in the EIS/PIR (2012) the project consists of three components:

- **C-11 Impoundment** will direct runoff from the western C-11 drainage basin into an impoundment in lieu of pumping untreated runoff via the S-9 pump station into the WCA 3A. When water is not available in the impoundment to perform these functions, S-381 will be opened to allow seepage water to recharge the basin and prevent excessive dry outs. In addition, seepage will be collected and returned to the impoundment area. The western C-11 Diversion Impoundment and Canal together with the Water Conservation Areas 3A and 3B Levee Seepage Management feature include 4,633 acres of natural area, canals, levees, water control structures, and an impoundment with a total storage capacity of 4,592 acre-feet located in western Broward County (with an initial design that assumes 1,068 acres and water levels fluctuating up to 4 feet above grade).
- **WCA 3A/3B Levee Seepage Management system** will focus on seepage reduction by allowing higher water levels in the L-33 and L-37 borrows.

- **C-9 Impoundment:** This component will include canals, levees, water control structures and an impoundment having a total capacity of 7,056 acre-feet located in the western C-9 Basin in Broward County (initial design assumes 1,641 acres and water level fluctuating up to 4.3 feet above grade) to pump runoff from the western C-9 drainage basin and diverted water from the western C-11 basin into the impoundment and assist in reducing seepage from the WCA 3A/3B Levee Seepage Management.

**Current Status:** The Final Project Implementation Report (PIR) signed by the District Engineer in June 2007; the EIS/PIR was revised in 2012. The project was authorized by WRRDA 2014.

The Project Partnership Agreement (PPA) is to be executed in FY16. The first construction contract (26<sup>th</sup> St Culverts) of the C-11 component is to be awarded in September 2016. Based upon the availability of funding, work on plans & specification, cultural resources clearances, water quality permits, real estate certifications, and environmental monitoring on the remaining portions of C-11 component will continue through FY17; award of the Northern Mitigation Area A (NMA-A) and C-11 Impoundment portions of the C-11 component are scheduled for FY18; award of the SMA component is scheduled for 2021, and award of the C-9 component is scheduled for 2023.

**Est. Cost:** \$ 1,012,032,000 (fully funded costs as of 19 March 2015 Cost ATR recertification)

**Project Schedule:**

2016	PPA execution and construction contract award on C-11 component (26 <sup>th</sup> St Culverts)
2018	Construction contract award on NMA-A/C-11 Impoundment
2021	Construction contract award on SMA WCA 3A & 3B
2023	Construction contract award on C-9 Impoundment
2028	Construction completed C-9 Impoundment

**Detailed Project Budget Information: (Rounded)**

Broward County WPA	Obligations Thru FY 2016
USACE	\$12,787,000
SFWMD	\$14,400,000
<b>Total</b>	<b>\$27,187,000</b>

**Hyperlink:** [http://141.232.10.32/pm/projects/proj\\_45\\_broward\\_wpa.aspx](http://141.232.10.32/pm/projects/proj_45_broward_wpa.aspx)

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**Source:** Original project description summarized from the *Central and Southern Florida Project Comprehensive Review Study (Restudy) (1999)*. Cost estimate information is updated to reflect current price levels in October 2012 dollars. Actual expenditures include all federal expenditures through FY15 (Sept, 2015) and sponsor verified and recorded in kind credit through 4th quarter FY15. Current synopsis is summarized from information contained in the *Final Project Implementation Report and Environmental Impact Statement (2012)*. Current Status is provided by the project manager.

**Additional  
 Information:**

