

Project Name: C&SF: CERP Acme Basin B Discharge (OPE)
Project ID: 2306 (CERP Project WBS # 38)
Lead Agency: USACE / SFWMD
Authority: WRDA 2000 (*Programmatic Authority < \$25 M*)
Funding Source: Federal/State

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

Measurable Output(s):

365-acre constructed upland/wetland mosaic improved
17,000 acre-feet (ac-ft) per year recaptured for reuse
1,000 acre-feet per year supplement to Lake Worth Drainage District municipal water supply
14,000 acre-feet per year of water conveyance to WCA-2, WCA-3, Everglades National Park, and Shark River Slough

April 1999 (Restudy) Project Synopsis: The concept includes construction of a wetland or chemical treatment area and a storage reservoir with a combined total storage capacity of 3,800 acre-feet located adjacent to the Loxahatchee National Wildlife Refuge in Palm Beach County. Stormwater runoff from Acme Basin "B" will be pumped into the wetland treatment area and then into the storage reservoir, until such time as the water can be discharged into the Loxahatchee National Wildlife Refuge if water quality treatment criteria is met, or into the one of two alternative locations: the Palm Beach County Agricultural Reserve Reservoir (VV) or the combination above-ground and in-ground reservoir area located adjacent to the L-8 Borrow Canal and north of the C-51 Canal (GGG).

Current Project Synopsis: Acme Basin B encompasses approximately 8,680 acres of low-density development with the primary land uses being rural residential lots and nurseries with a substantial presence of stables and other equestrian uses. The primary goal of the Acme Basin B Discharge project is to provide surface water to the refuge that would otherwise be routed through Basin A to C-51 and lost to tide.

In the time period between the Restudy and the start of the Acme Basin B Discharge Project Implementation Report (PIR), the land the Restudy had envisioned for a reservoir was sold to a developer. Thus, due to real estate cost increases, the project changed from an on-site water quality treatment project to a water conveyance project to an off-site water quality treatment area (STA 1E).

Current Status: Federal efforts were discontinued. The SFWMD worked with local interests to expedite design and construction of the Acme Basin B Discharge project, outside the CERP, and was completed in 2010.

Est. Cost: TBD

Project Schedule:

2002	Planning begun.
TBD	Construction completed.

Detailed Project Budget Information (rounded):

Acme Basin B Discharge	Obligations Thru 2016	FY
USACE		\$2,238,400
SFWMD		\$3,259,025
Total		\$5,497,425

Hyperlinks: <http://www.saj.usace.army.mil/Missions/Environmental/EcosystemRestoration>

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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 2009 dollars. Actual expenditures include all federal expenditures through FY09 (Sept, 2009) and sponsor verified and recorded in kind credit through 4th quarter FY07.

Additional Information:



Acme Basin B is one of two primary drainage basins within the Acme Improvement District (AID). The AID, a dependent district to the Village of Wellington, is located in central Palm Beach County, Township 43South and 44 South, Range 41 East. Acme Basin B boundaries generally follow Pierson Road to the north, Flying Cow Road to the west, the Arthur R. Marshall Loxahatchee National Wildlife Refuge (Refuge) to the southwest and south and Lake Worth Drainage District (LWDD) to the east.