

Project Name: C&SF: CERP North Lake Belt Storage Area (XX P2)
Project ID: 1105 (CERP Project WBS # 25)
Lead Agency: USACE / SFWMD
Authority: Not authorized
Funding Source: Federal/State

Strategic Plan Goal(s) Addressed: Primary: 1-A.1

Measurable Output(s): 90,000 acre-feet reservoir

April 1999 (Restudy) Project Synopsis: Includes canals, pumps, water control structures, and an in-ground storage reservoir with a total capacity of approximately 90,000 acre-feet located in Miami-Dade County within an area proposed for rock mining. The initial design of the reservoir assumed 4,500 acres (water level fluctuating from ground level to 20-feet below grade). A subterranean seepage barrier will be constructed around the perimeter to enable drawdown during dry periods, to prevent seepage losses, and to prevent water quality impact due to the high transmissivity of the Biscayne Aquifer in the area.

Current Project Synopsis: The purpose of this project is to capture and store a portion of the stormwater runoff from the C-6, western C-11 and C-9 Basins. The stored water will be used to maintain stages during the dry season in the C-9, C-6, C-7, C-4 and C-2 canals and to provide fresh water deliveries to Biscayne Bay to aid in meeting salinity targets. Runoff is pumped and gravity fed into the in-ground reservoir from the C-6 (west of Florida's Turnpike), western C-11, and C-9 basins. Outflows from the facility will be directed into the C-9 Stormwater Treatment Area/Impoundment for treatment prior to delivery to the C-9, C-7, C-6, C-4 and C-2 canals.

This project adheres to the original concept outlined in the Restudy. However, a pilot test of this component will be conducted prior to final design to determine construction technologies, storage efficiencies, impacts upon local hydrology, and water quality effects. If necessary, additional stormwater treatment areas will be constructed adjacent to the in-ground reservoir.

Current Status: This project has not yet begun.

Est. Cost: \$ 357,436,000

Project Schedule: TBD

Detailed Project Budget Information (rounded):

North Lake Belt	Expenditures Thru FY 2009
USACE	\$0
SFWMD	\$0
Total	\$0

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_25_north_lake_belt.cfm

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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.

Additional Information:

