

**Project Name:** C&SF: CERP PBC Agriculture Reserve Aquifer Storage & Recovery (VV P2)  
**Project ID:** 1204 (CERP Project WBS # 21)  
**Lead Agency:** USACE / SFWMD  
**Authority:** Not authorized  
**Funding Source:** Federal/State

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

**Measurable Output(s):** 75 million gallons per day ASR wells (*0.075 billion gallons per day*)

**April 1999 (Restudy) Project Synopsis:** Includes the companion aquifer storage and recovery (ASR) wells, with a capacity of 75-million gallons per day and associated pre- and post- water quality treatment located adjacent to the associated reservoir (Part 1). The initial design of the wells assumes 15 well clusters, each with a capacity of 5- million gallons per day as well as chlorination for pre-treatment and aeration for post-treatment. The source of water to be injected is expected to be surficial ground water, adjacent to the reservoir.

**Current Project Synopsis:** The purpose of this project is to supplement water supplies for central and southern Palm Beach County by capturing and storing excess water currently discharged to the Lake Worth Lagoon. These supplemental deliveries will reduce demands on Lake Okeechobee and Loxahatchee National Wildlife Area. It is assumed that this facility could also be designed to achieve water quality improvements in downstream receiving waters, depending upon pollutant loading conditions in the watershed. These supplemental deliveries will reduce demands on Lake Okeechobee and the Loxahatchee National Wildlife Area.

The wells will pump water into the aquifer during the wet season and will pump water from the aquifer to the Lake Worth Drainage District canals to help maintain canal stages during the dry season. If water is not available in the associated reservoir (Part 1) or the aquifer storage and recovery wells, existing rules for water delivery to this region will be applied.

**Current Status:** Adheres to the original concept outlined in the Restudy. This ASR project was planned as the next portion (Part 2) of the project on the previous page (WBS #20 "Part 1"). It is scheduled in the future.

**Est. Cost:** \$ 56,542,000

**Project Schedule:** TBD

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

PBC Agriculture ASR	Expenditures thru FY 2009
USACE	\$0
SFWMD	\$0
<b>Total</b>	<b>\$0</b>

**Hyperlink:** [http://www.evergladesplan.org/pm/projects/proj\\_21\\_pbc\\_asr\\_2.cfm](http://www.evergladesplan.org/pm/projects/proj_21_pbc_asr_2.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.