

**Project Name:** C&SF: CERP Hillsboro Aquifer Storage and Recovery (M P2)  
**Project ID:** 1202 (CERP Project WBS # 22)  
**Lead Agency:** USACE / SFWMD  
**Authority:** Not authorized  
**Funding Source:** Federal/State

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

**Measurable Output(s):** 150 million gallons per day (.150 billion gallons per day)

**April 1999 (Restudy) Project Synopsis:** *Site 1 Impoundment and Aquifer Storage and Recovery (M)* included both an above-ground reservoir and a series of aquifer storage and recovery (ASR) wells. The initial design of the ASR facility assumes 30 well clusters, each with a capacity of 5-million gallons per day with chlorination for pre-injection treatment and aeration for post-injection water quality treatment.

**Current Project Synopsis:** For purposes of project execution, the Restudy components were divided into two pieces. This is the latter piece, *Hillsboro ASR Phase 2 (M P2)* (CERP project WBS #22, relates to the companion aquifer storage and recovery (ASR).

The purpose of the ASR project is to supplement water deliveries to the Hillsboro Canal during dry periods, thereby reducing demands on Lake Okeechobee and the Loxahatchee National Wildlife Refuge. Water coming from the WCA 1 (Loxahatchee) in the Hillsboro Canal basin, located in southern Palm Beach County, will be injected into ASR wells adjacent to the Site 1 reservoir location. The location, extent of treatment and number of ASR wells may be modified based on findings obtained from the Hillsboro ASR Pilot (WBS #34). Water will be released back to the Hillsboro Canal to help maintain canal stages during the dry-season with pre-injection and post-withdrawal injection water quality treatment And then water from the Hillsboro Canal may be pumped into the Site 1 reservoir should excess water be available.

**Current Status:** Planning and design of this Phase 2 is planned for the future; after the completion of Phase 1 [see *Site 1 Impoundment (M P1)* (a/k/a *Fran Reich Preserve*) (CERP Project WBS #40)] and is dependent upon the results from other ASR feasibility and pilot studies that are ongoing.

**Est. Cost:** \$ 119,091,000

**Project Schedule:** TBD

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

Hillsboro ASR	Expenditures Thru FY 2009
USACE	\$0
SFWMD	\$540
<b>Total</b>	<b>\$540</b>

**Hyperlink:** [http://www.evergladesplan.org/pm/projects/proj\\_22\\_hillsboro\\_asr\\_2.cfm](http://www.evergladesplan.org/pm/projects/proj_22_hillsboro_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. Actual expenditures include all federal expenditures through FY09 (Sept, 2009) and sponsor verified and recorded in kind credit through 4th quarter FY07.