

<b>Project Name:</b>	C&SF:CERP:Aquifer Storage and Recovery Regional Study	<b>Project ID:</b>	114500
<b>Reporting Period:</b>	Previous Month	<b>Report Date:</b>	3-Jan-11
<b>Project Status:</b>	GREEN	<b>Data Date:</b>	3-Jan-11
<b>PM, CORPS:</b>	Cadet, Wiener	<b>PM, NFS:</b>	Verratro, B.

**Explanation if not Green:**

29-Sep-2010

N/A

**Project Summary:**

29-Sep-2010

The ASR Regional Study is a multi-discipline, multi-purpose project designed to address regional, technical issues associated with the CERP ASR Program beyond the scope of the ASR Pilot Projects. The team uses the ASR pilot facilities to collect science and engineering information to address the uncertainties identified for the ASRs. The team also collects regional information on hydrology, geology, water quality, geotechnical and other information to adequately extrapolate the information collected at the pilot sites and from other non-CERP ASR facilities in South Florida and collect information in areas where there is none or minimum information needed to address ASR uncertainties. If ASR is successful, the ASR facilities to be constructed will store as much as 1.6 billion gallons of freshwater per day to ensure water for the Everglades, improve conditions in Lake Okeechobee and prevent damaging releases of freshwater to coastal estuaries. Some water also would be available to support agriculture and to protect urban wells located near the coast from saltwater intrusion.

**Summary of Work Completed During this Reporting Period:**

29-Sep-2010

- Hydrology, water quality, engineering and ecotoxicological data were collected successfully during the recharge phase of cycle-2 in the Kissimmee River ASR Pilot Facility.
- Data is being collected during the recharge phase of cycle-3.
- An In-Progress Review with HQ was conducted with SAD and HQUSACE.
- Preliminary analysis completed for cycle-2 showed great results and promising future for regional use of ASR technology.
- Initiated Ddata collection at the Hillsboro ASR Pilot Facility.

**Work Planned for Next Reporting Period:**

29-Sep-2010

- Continue data collection during cycle-3, including eco-toxicological studies.
- Continue data collection efforts during the recharging phase in the Hillsboro ASR Pilot Facility.
- Continue Phase 2 regional model development.
- Continue writing report on geotechnical analyses of rock samples.

**Potential or Active Issues and Actions Taken to Resolve Issues:**

29-Sep-2010

N/A

---

---

**Project 114500****Milestones and Status**

<b>Milestones Names</b>	<b>Baseline</b>	<b>Current Approved</b>	<b>Forecast Schedule</b>
Interim Report-1 Complete		14-Mar-08	14-Mar-08 A
Initial Assessment Complete		10-Dec-09	10-Dec-09 A
Regional ASR Study Wrap UP		4-May-15	2-Jul-12
Final Project Report Complete		4-May-15	2-Jul-12
Finish Regional Groundwater Modeling		22-Apr-10	28-Sep-12
Updated Risk Assessment Complete		5-Sep-13	25-Jan-13
Final Risk Assessment Complete		30-May-14	20-May-13

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to revise the Baseline.