



REHYDRATION OF PRESERVE WETLANDS

Environmental investments at Babcock Ranch over the past decade are delivering impressive results. The benefits are most visibly evident in the area around Curry Lake, where natural surface water flows had been significantly altered over the years to accommodate farming and ranching activities.

Three weirs aimed at rehydrating about 70 acres to historic conditions were constructed in 2012. With the weirs now retaining water that was previously drained off through the ranch's system of ditches, the wet season has been significantly extended – starting a month earlier, and ending a month later.

The rebound of the ecosystem has been remarkable.

Almost immediately, native vegetation began reclaiming the territory. Restoration of natural conditions restored their advantage over the invasive plants that benefited from drier soil. And that is only the beginning of the story. Look below the surface around the big dyke, and you will discover the crayfish have returned – a prime attraction for the host of birds that are once again congregating along the banks.



BY REHYDRATING THE AREA AROUND CURRY LAKE, THE WET SEASON HAS BEEN SIGNIFICANTLY EXTENDED – STARTING A MONTH EARLIER, AND ENDING A MONTH LATER. THIS IN TURN ALLOWS FOR THE VIABILITY OF NATIVE PLANTS ONCE AGAIN.

Curry Lake provides a model for the surface water management strategies incorporated throughout the new town of Babcock Ranch. Rather than create manmade solutions for storm water, we are working to restore the capacity of natural systems to slow and filter surface water as it makes its way across the property.

NEW HOMES FROM \$200s TO OVER \$1 MILLION

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BABCOCK RANCH

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BABCOCK RANCH
– THE RESULT OF
MORE THAN A
HUNDRED YEARS
OF CAREFUL
TENDING BY THE
BABCOCK FAMILY

Babcock Ranch is not untouched land. It is the result of more than a hundred years of careful tending by the Babcock family. Ranch business operations funded generations of stewardship activities to maintain the excellent condition of the property and provide habitat for the ranch's abundant wildlife.

Creation of the new town of Babcock Ranch has helped assure that careful tending continues in perpetuity. As part of the master Environmental Resource Permit (ERP) for Babcock Ranch, the new town has assumed responsibility for a variety of stewardship activities on neighboring preserve lands.

Those responsibilities include both recurring activities for management of invasive species, and restoration and mitigation projects such as:

- Restoration of historical flow ways/greenways
- Maintenance of surface water quality
- Ecological restoration of disturbed uplands
- Functional habitat design for wildlife
- Enhancement of wildlife corridors
- Habitat for panther mitigation

Key environmental commitments already fulfilled include:

- Completion of a regional wildlife connectivity study – identifying strategies to create permanent wildlife corridors connecting parks and natural lands throughout Southwest Florida with Babcock Ranch serving as a central nexus connecting several corridors
- Planting for panther habitat, converting 75 acres of farmland
- Comprehensive plan for stormwater management through build out
- Design and construction of weir system to restore historical hydraulics of the Curry Lake Preserve ecosystem

All elements of the storm water system design work together to achieve the ultimate effects of slowing the movement of water and improving overall surface water as it makes its way across the 18,000 acre development area.

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