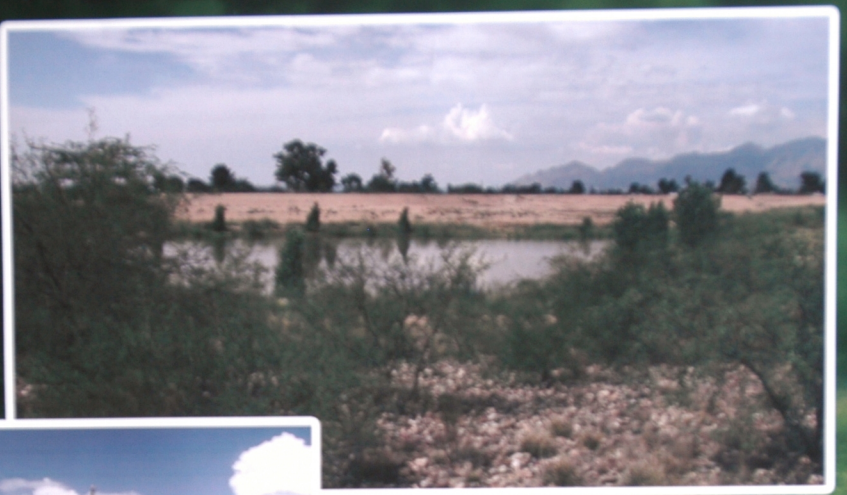
RESTORATION

WETLAND ECOSYSTEMS



Pima County's Ajo Detention Basin was designed to capture water from a 17.7 square mile watershed, including Davis Monthan Air Force Base.

This project included re-grading 700,000 cubic yards of soil within the existing 125-acre detention basin to create mesquite bosques, riparian stream courses, ephemeral swales, emergent wetlands, and ponds.

More recently, the ecosystem restoration project modified the detention basin to develop wetlands and riparian habitat under the Corps Section 1135 program.

This project involved installing 850,000 square feet of plastic liner within the ponds areas.

Four submersible pumps were installed to circulate the water from the depths of the large storm-water reservoir to points throughout the basin.

US Army Corps
of Engineers
Los Angeles District

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