

Kimball Island Mitigation Bank

Sacramento-San Joaquin Delta, California

Kimball Island Mitigation Bank, established in December 1997, is a 109-acre preserve located in southwest Sacramento County. The island lies in the Delta at the confluence of California's largest rivers, the Sacramento and the San Joaquin, and is strategically located with respect to important Delta environments, including the Sherman Island Waterfowl Management Area to the immediate north and the Suisun Marsh to the west.

The Kimball Island Mitigation Bank Project re-establishes the diverse aquatic, wetland, and riparian habitats that were once prevalent in the Delta, including riverine aquatic bed, riparian forest, tidal perennial marsh, and shaded riverine aquatic.



The central design concept of the project is the re-establishment of natural slough hydrology to the island. Developing this concept into a technically complete restoration plan entailed data collection and

analysis of nearby natural sites and the formulation of detailed construction criteria. The restoration plan addresses the issues of bank and channel stability, channel design appropriate to local watershed conditions, tidal prism and channel hydraulics, structural habitat requirements, revegetation, and control of invasive plants.

The project complements local, state, and federal efforts to restore ecological integrity to the Delta and enhance the sustainable production and survival of native and other desirable fish and wildlife species, such as Delta smelt, steelhead, Sacramento splittail, Chinook salmon, California black rail, Delta tule pea, and Mason's lilaeopsis. An important ingredient for the ultimate ecological success of the Delta is the restoration of shallow water and riparian habitats such as those of the Kimball Island Mitigation Bank.

About Wildlands: Wildlands, Inc. was the first private enterprise west of the Mississippi to be fully authorized to develop a commercial mitigation bank and sell credits that compensate for lost wetland habitat. In addition to planning, permitting, and managing mitigation obligations, Wildlands staff create habitat construction designs, supervise habitat construction, and perform ecological monitoring and long-term land stewardship. Since its first project in 1994, Wildlands has established eleven other large-scale restoration and land preservation projects and manages thousands of acres of natural and restored lands. Wildlands is based in Rocklin, California and has regional offices in San Diego, Oakland, and the Seattle area.

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