



Lindsey Slough Tidal Marsh Restoration

Project Description: The Lindsey Slough Restoration Project restored habitat function and connectivity to Delta wetlands and waterways that had been degraded by the construction of dikes and culverts 100 years earlier. The project consisted of (1) excavation and debris removal to enlarge an existing north embankment breach on Calhoun Cut at a northern arm of Lindsey Slough; (2) breaching of the south embankment of Calhoun Cut; (3) excavation of a one mile long channel at the historic southern arm of Lindsey Slough; (4) lowering of an existing earthen causeway on the historic channel; and (5) beneficial reuse of sediment excavated from the channel to create low habitat berms within the marsh and raise the remnant marsh site to a more mature marshplain form.

Restoration Targets: This project restored habitat function and connectivity to 159 acres of freshwater emergent wetlands and 69 acres of alkali wetlands, and recreated and reconnected a one-mile tidal channel.

Location and Landowner: This project is located on the northwest fringe of the historical Sacramento-San Joaquin Delta, just west of the confluence of Lindsey Slough, Barker Slough, and Calhoun Cut within the Cache Slough tidal drainage on the California Department of Fish and Wildlife's Calhoun Cut Ecological Reserve in Solano County (site map attached).

Funding: Design and Construction: \$376,195 from Prop 84 (drought funds)
Planning (and land acquisition): \$959, 195 (Ecosystem Restoration Program)

Permitting: Completed

Estimated Timeline: Completed.

Known Obstacles to Implementation: This project was completed in 2014.

Project Proponent: California Department of Fish and Wildlife
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