

NAME: McDaniel Slough Tidal Restoration

LOCATION: Arcata, California in Humboldt County

ACRES: 45.5 acres

NON-FEDERAL SPONSOR: City of Arcata

PROJECT DESCRIPTION:

The McDaniel Slough Marsh Enhancement Project will restore and enhance coastal and riparian wetland habitats on the northern portion of Humboldt Bay by integrating city and state held lands. The proposed project will restore historic natural geomorphic and biologic processes to create a self-sustaining restored tidal estuary, and enhance freshwater wetlands on the site. Phase III of the proposed project expands the original project area by 45.5 acres, restoring/enhancing an additional 22 acres of tidal and 23.5 acres of freshwater wetlands. The project will remove barriers to fish access, deepen historic slough channels, and remove failing or obsolete levees to restore anadromous fish to McDaniel Slough/Janes Creek. Upon project completion 222 acres of former tidelands will be restored and 69 acres of brackish and freshwater wetlands will be created or enhanced.

EXPECTED BENEFITS:

Ecosystem benefits include restoration of lost hydrologic function and estuarine habitat associated with former tidelands, restored fish passage to an historic coho stream, improved instream habitat, improved water quality, and habitat restoration/enhancement for a variety of endangered/threatened species and migratory birds. The project will help to establish a connectivity of habitat encompassing over 1,300 acres of local, state and federal protected lands adjacent to the northern edge of Humboldt Bay. Restoration will also improve flood capacity and sediment routing.

STATUS: Construction