

Priority Projects 2015-16

Sacramento Valley Salmon Recovery Program

The following are the priority projects that are being actively pursued by project champions participating in the Salmon Recovery Program (**Project Champions are in Bold Print**). To effectively implement the Salmon Recovery Program, the various partners in the program are “adopting” projects,

becoming the champion for the project and leading efforts to get the project implemented. Many of the project champions are adopting projects that are not located within their service area, with some projects sited many miles outside of the water management entity’s boundaries.

Sacramento River Settlement Contractor Projects

- Restoration of Painter’s Riffle on the Upper Sacramento River (Project Completed in 2014). **Glenn-Colusa Irrigation District**
- Creation of spawning riffle near the Market Street Bridge. **Glenn-Colusa Irrigation District**
- Restoration of 2 side channels on the Upper Sacramento River. **Glenn-Colusa Irrigation District**
- Tisdale Bypass, Notch Tisdale Weir; install operable gate and false weir. **Sutter Mutual Water Company**
- Add salmon rearing habitat structures in the upper Sacramento River (pilot projects). **River Garden Farms**
- Yolo Bypass, Tule Canal Fish Passage - Replace failed crossings with operable gates in the Tule Canal to prevent fish stranding and create 130 acres of high quality floodplain rearing habitat. **Cal Marsh and Farm, CalTrout & DWR, USBR, American Rivers**
- Yolo Bypass, Fremont Weir Fish Passage Enhancement Project: Retrofit fish passage structure in Fremont Weir to allow connectivity with river at 22 feet. Interim project will facilitate annual upstream migration of adult salmon and sturgeon & facilitate studying feasibility of entrainment of salmon juveniles from river into Bypass without disrupting Yolo Bypass land uses. **Cal Marsh and Farm, CalTrout & DWR, USBR**
- Yolo Bypass, replace Wallace Weir to block adult salmon entry into Colusa Drain and re-direct attraction flow to Tule Canal; incorporate a year-round fish capture facility to facilitate temporary trap and haul needed until passage created through Fremont Weir. **Cal Marsh and Farm, CalTrout & DWR, USBR**
- Yolo Bypass, Floodplain rearing on managed agricultural floodplains in Yolo Bypass and satellite locations throughout the Valley. **CalTrout & Cal Marsh and Farm**
- Cut earthen channel from Tule Canal to Fremont Weir; redesign Fremont Weir fishway. **Cal Marsh and Farm, CalTrout & DWR, USBR**
- Sutter Bypass, Replace Weir 1 with operable bladder-type weir, to solve adult fish passage, create floodplain rearing habitat for juvenile salmon, improve winter water management for managed wetlands on Sutter National Wildlife Refuge and a develop a Sutter Bypass water management plan. **Sutter Bypass Butte Slough Water Users Association, Tule Basin Farms, Cal Marsh and Farm, CalTrout, USF&W**
- Colusa Drain, Eliminate adult salmon passage through Knight Landing Outfall Gates (KLOG) using a physical barrier. **Reclamation District 108**

Upstream Tributary Projects

- Implement Deer Creek floodplain restoration projects to improve channel complexity and rearing habitats. **Deer Creek Conservancy and American Rivers**
- Increase late spring flows and fall flows in lower Deer and Mill Creeks for access from the Sacramento River including water rights acquisition, conjunctive use wells and water use efficiency plans and improvements. **Los Molinos Mutual Water Company and The Nature Conservancy**
- Modify critical riffles periodically near the mouth of Mill Creek to facilitate passage for migration. **Los Molinos Mutual Water Company and The Nature Conservancy**
- Improve fish passage at the Cemetery Ditch siphon on Mill Creek. **Los Molinos Mutual Water Company and The Nature Conservancy**
- Gravel additions and increased channel complexity in Mill and Deer Creeks. **Los Molinos Mutual Water Company**

