

Suisun Creek Watershed

Improving steelhead trout habitat and water quality for Suisun Marsh and Northern Suisun Bay

Napa County; State Senate District 2, State Assembly District 7

CALIFORNIA LAND STEWARDSHIP INSTITUTE



In order to improve and protect water quality in the Suisun Creek Watershed, the Watershed Coordinator helped landowners to identify erosion and runoff issues on their properties and also helped them to implement Best Management Practices (BMPs) to reduce sediment pollution from their farms and roads from going into the bay.

The Coordinator also worked with landowners to prepare farm conservation plans through the Fish Friendly Farming Environmental Certification program. These plans identified BMPs that help to conserve soil and water, improve steelhead trout habitat, and also help to carry out other priority actions identified in the Suisun Creek Watershed Program.

The Watershed Coordinator held workshops for local residents to demonstrate practices to reduce pollutants coming from houses and gardens. The Coordinator also spearheaded conservation activities over one mile of White Creek, 1.25 miles of Wooden Valley Creek, and 9.5 miles of Suisun Creek. These activities included reducing water temperatures in these trout rearing streams by revegetating riparian corridors in denuded areas, eradicating invasive weed species, and replanting stream banks with native trees. These actions helped to reduce soil erosion and sediment run-off into the streams.

For more information contact California Land Stewardship Institute at <http://www.fishfriendlyfarming.org>



- Worked with 70 landowners and enrolled 4,500 acres in the Fish Friendly Farming Environmental Certification program in order to reduce sediment pollution
- Assessed and treated 25 miles of dirt roads with Best Management Practices (BMPs) which keep 1,130 tons of fine sediment out of waterways every year
- Assessed 6.96 miles of riparian corridor and stream channels
- Completed over 12 acres of revegetation
- Coordinated removal of a fish barrier
- Provided 3 workshops for rural residential landowners
- Treated over 90% of the noxious weed *Arundo donax* in the watershed
- Stabilized 2.25 miles of stream bank

“Many landowners are enthusiastic and proud of the projects they’ve participated in and will continue to maintain them. These changes in the people of the watershed are a significant change brought about by the Watershed Coordinator.” - Darcie Luce, CLSI

PARTNERS INCLUDED: Solano RCD • State Coastal Conservancy • Caltrans • Numerous private landowners