



## Save Our Salmon: The Salmon Creek Habitat Rehabilitation Program-Phase I

### Project Description:

The SOS program is working to restore a resilient, sustainable riparian corridor and improve instream habitat and stream-flow for endangered Central California Coast coho salmon and threatened Central California Coast steelhead trout within two priority reaches of Salmon Creek, the mainstem through Bodega Valley and the tributary of Fay Creek.

The project will work to enhance riparian vegetation for shade, habitat diversity, bank stability, and wood recruitment in three reaches through riparian plantings and fencing; to improve instream habitat complexity through the installation of large woody debris structures; and to increase stream flows during critical dry periods through installation of rainwater catchment systems, including a 230,000-gallon underground roof catchment system along a critical mainstem reach.

### Project Objectives:

- Increase water available for in-stream flows during the dry season by replacing extractive water supplies with roofwater catchment systems and off-channel ponds
- Increase channel complexity, pool depths and frequency, and pool shelter by installing complex large wood structures
- Improve riparian buffer width, stability, and composition by planting a mosaic of trees and shrubs
- Reduce fine sediment delivery by stabilizing active gully head cuts in the project area.

**Project Budget:** \$1,764,663

**Funding agencies:** NOAA Restoration Center, American Reinvestment and Recovery Act, California Department of Fish and Game, State Coastal Conservancy

**Project Timeline:** July 2009 through December 2010

### Project Manager:

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