

Smith Creek Project

DESCRIPTION:

Smith Creek, located northeast of Graeagle within the Goldridge Estates and Smith Ranch, is an important fishery and a tributary to the Wild and Scenic Middle Fork Feather River. Project design consisted of pond and plug and bank stabilization restoration techniques. Gully obliteration and installation of six floodplain culverts at the upstream bridge was completed in 2007. Bank stabilization with boulder vanes and vegetation along a 700 foot channel segment to reduce bank erosion downstream is scheduled to be constructed in September 2008. Ten landowners in partnership with Trout Unlimited (TU) are involved in the project. Landowners and TU contributed time and funding to the preliminary design surveys, environmental surveys and reports, fish monitoring surveys, fish moving during construction, and re-vegetation efforts.

SPONSORS:

FEDERAL: American Recovery and Restoration Act; STATE: California State Water Resources Control Board- Proposition 40 funds; PRIVATE: 10 Landowners

PROJECT RESULTS:

Project monitoring showed that the project resulted in measurable improvements to three of the four goals: groundwater recharge, fish habitat, and the coldwater fishery. Two of the three water quality parameters (fine sediment and turbidity) showed improvement; however, temperature did not improve, and has now increased through the project area since construction.

PROJECT REPORTS (IF AVAILABLE):

Middle Fork Feather River Complex

http://www.weebly.com/uploads/4/0/5/5/40554561/mffr_complete_final_report.pdf