Boulder Creek Project

Description:

Boulder Creek, a tributary to Sulphur Creek, was constructed in September of 2008. Located in Mohawk Valley the Boulder Creek Restoration Project is directly adjacent to the Rapp-Guidici Creek Restoration Project on Haskell Creek. The project replaced 2,982 feet of gullied channel with 11 ponds and 13 plugs.

Sponsors:

STATE: California State Water Resources Control Board-Proposition 40 funds; California Department of Water Resources; PRIVATE: Landowners

Project Results:

In general, project monitoring showed that the project resulted in measurable improvements to two of the four goals: groundwater recharge and fish habitat. As with all of the projects, measuring the fish population after project construction proved to be problematic. In all of the pond and plug projects, the ponds provided refugia to the fish that could not be accurately sampled, so that they could not be captured with a backpack electroshocker. Here again, the poor post-project fish sampling results probably do not reflect the project's effect on the fishery. Water quality parameters also did not show improvements, due most likely to temperature sampling error and slow revegetation. Even though high flows in April 2009 occurred before the first growing season after project construction on Boulder Creek in 2008, turbidity sampling taken by citizen monitors below the project area at the Highway 89 Bridge (approximately 1.5 miles downstream of the Boulder Creek confluence) on the main stem of Sulphur Creek did show some improvement in 2009. The Lower Loop Road Bridge, approximately one mile upstream of the Boulder Creek project, showed an increase in turbidity for the same time period.

Project Reports (if available):

Middle Fork Feather River Complex
http://www.weebly.com/uploads/4/0/5/5/40554561/mffr_complete_final_report.pdf