

Poplar Creek Project

DESCRIPTION:

In 1994 emergency repairs were made to stabilize head cuts on Poplar Creek. A 400 foot long section of stream had step pools installed to protect a half mile of stable channel and a wet meadow. Entrenched banks were cut to a gentler angle to allow the channel to carry more water, and then re-vegetated. This project occurred on Soper-Wheeler Lumber Company lands and a Plumas National Forest system road. The 2003/2006 project entailed replacement and modification of the single culvert system with a multi-culvert array raised to meadow elevation to restore the floodplain function of the meadow. Approximately 800 feet of gullied channel downstream of the road was obliterated using the pond and plug technique, and flows were re-introduced to a well-vegetated remnant channel.

SPONSORS:

FEDERAL: Secure Rural Schools Title II funds; STATE: California State Water Resources Control Board; PRIVATE: Landowner

PROJECT RESULTS:

The 1994 step-pool project to stabilize multiple headcuts failed in the 1995 flood from end running from overland flow. The 2004 pond and plug and road crossing project has performed as designed.

PROJECT REPORTS (IF AVAILABLE):

N/A