

Boulder Creek – Antelope Project

DESCRIPTION:

Boulder Creek is a tributary to Antelope Lake. The watershed is dominated by decomposed granite soils, and the channel carries a very high, sand-dominated sediment supply. The project consisted of a variety of techniques, including vortex rock weirs, large woody debris and boulder check dams to trap sediment, and some gully plug/meadow ponds. The objective was to rapidly, but incrementally, raise the base level of 3,000 feet of channel. This was achieved within the first several years.

SPONSORS:

FEDERAL: U.S. Forest Service Forest Health Program

PROJECT RESULTS:

The large woody debris jams functioned as designed and are being rejuvenated by occasional windthrow lodgepole trees. This natural recruitment process was the basis for the design.

PROJECT REPORTS (IF AVAILABLE):

N/A