

Carman Creek–Knuthson Meadow Project

DESCRIPTION:

Carman Creek-Knuthson Meadow on the Tahoe National Forest was the first watershed restoration project undertaken by the Sierra Valley Resource Conservation District, with assistance from Plumas Corporation. The project entailed restoration of 1.5 miles of channel, including 200 acres of meadow floodplain. San Francisco State University conducted long-term bird monitoring within the project area for five years.

SPONSORS:

FEDERAL: Environmental Protection Agency, Proposition 204, National Fish and Wildlife Foundation, U.S. Forest Service; PRIVATE: Packard Foundation, Ducks Unlimited.

PROJECT RESULTS:

Monitoring continues on a limited basis due to lack of funding. The pond and plug technique has restored the hydrologic system in wetlands and riparian habitat for wildlife and aquatic species. The recovered system will improve the water yield and quality and extend benefits to California water users. The project has successfully healed eroded gullies into ponds for wildlife, fishery and amphibian use, and increased the water absorbing and holding capacity of the Valley. In addition to pond and plug, the spillway at the bottom of Knuthson Meadow was improved and expanded, allowing it to handle a larger storm event than previously designed.

PROJECT REPORTS (IF AVAILABLE):

Carman Creek Final Report 2004

http://www.weebly.com/uploads/4/0/5/5/40554561/carmanfinalreport_11_2004.pdf

Carman Creek Bat Report 2004

http://www.weebly.com/weebly/images/file_icons/pdf.png

Carman Creek Bird Report 2008

<http://www.weebly.com/uploads/4/0/5/5/40554561/carmanbirdrpt2008.pdf>

Summary of Bird Monitoring Carman Valley

<http://www.weebly.com/uploads/4/0/5/5/40554561/asummaryofbirdmonitoringofcarmanvalley.pdf>