

TETON CONSERVATION DISTRICT

2000

Flat Creek, below Cache Creek to the Snake River, was listed as threatened for habitat degradation.

1996 – 2007 2007 marks the 11th year of sampling in the Flat Creek watershed.

1996 – 2006 planning efforts have included: Feasibility study for Flat Creek habitat enhancement project, Flat Creek water quality assessment & storm water characterization, Town of Jackson storm water master plan, Rehabilitation of Flat Creek, planning & design implementation, and the Flat Creek Watershed plan.

On the ground implementation Practices since 2002 include the Flat Creek fish habitat enhancement project on 1/4 mile section of Flat Creek in the Town in fall 2004. In 2006, projects included the installation of two storm water treatment cisterns in the Town, twice annual cleaning of six existing storm water treatment cisterns, seasonal daily street sweeping and purchase of an additional street sweeper (110 tons of sand collected each year). New development is required to retain a 2 year storm event onsite with swales or infiltration basins. The Town and Jackson Hole Land Trust purchased land in Jackson for a storm water retention wetland, wildlife habitat and flood plain function. The Town is revising natural resources protection land development regulations. USFS/ Conservation District trails erosion control and maintenance on Cache Creek, Game Creek and Snow King Mountain area. More than 3,500' of stream

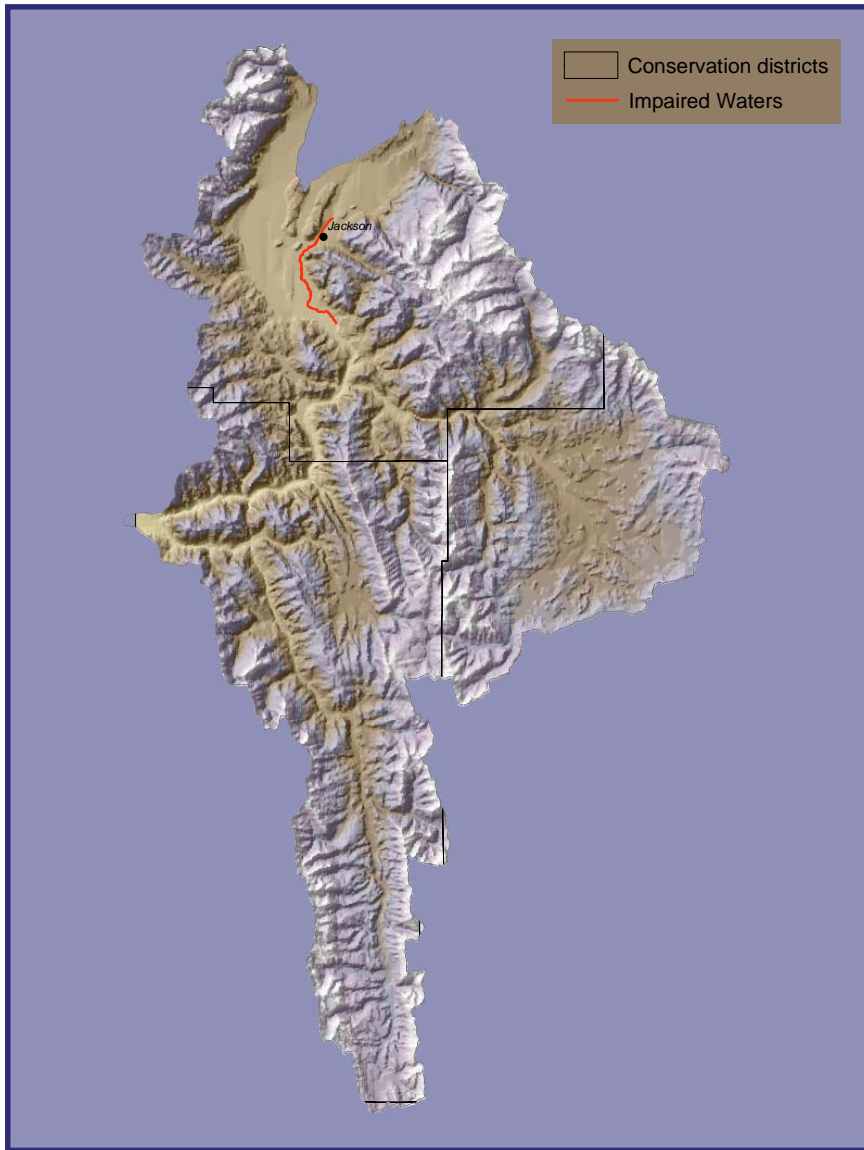
improvements through Karn's Meadow in the heart of Jackson, 19 in-stream structures installed and 42 bank cover deflectors. Volunteers planted over 250 willow poles and re-vegetated. In 2007, the district assisted the Town with improved maintenance procedures that affect stormwater management. All new storm sewer work will include the installation of new stormceptors. District and Town have also partnered with Intermountain Aquatics Inc. to begin data collection for construction design for the Karn's Meadow Stormwater Wetland.

Information & Education Outreach

The Jackson Hole Land Trust, 15 students from the C-BAR-V School collected trash and cut willow poles for future re-vegetation projects at a Karn's Meadow cleanup day. A re-vegetation day was held with the annual Town Clean-up Day. Along with the Jackson Hole 4-H Habitat Club, 30 volunteers planted willow poles. The district hosted Kids Fishing Day at the National Fish Hatchery on Flat Creek where 150 kids learned about water quality and tried their luck in the trout pond. The district supported the Summit on the Snake (education for river guides) with about 125 participants. The district worked with 28 Teton Science School students on water quality education project that compared data collected by students with data collected by TCD. Forty Jackson Middle School students planted 200 willow poles in disturbed areas along Flat Creek in Karn's Meadow and 25 Jackson Community School Students helped re-vegetate stream banks along other areas of Flat Creek.



Snake River Watershed



Watershed Investment

| | |
|---------|-------------|
| Local | \$1,096,473 |
| Federal | \$ 66,998 |
| Private | \$ 122,000 |

Total **\$1,285,471**

Contributors

Teton Conservation District
 Town of Jackson
 DEQ/EPA
 National Fish & Wildlife Foundation
 JH Chapter Trout Unlimited/JH One Fly

Partners

Involved in the efforts are 15 participants including the Town of Jackson, private landowners, Wyoming Game and Fish Dept., Trout Unlimited-Jackson Hole Chapter, Jackson Hole One-Fly, and Teton County.

