

## Screen and Passage Projects

- Timber Creek Diversion and Screen Upgrades
- Francs Fork Ditch
- Willwood Irrigation District
- Cody Canal Irrigation District
- Lakeview Canal Rehabilitation
- Farmers Canal Rehabilitation
- Highline Ditch
- Horse Creek Diversion

## FISH SCREENS AND PASSAGE

SCE's extensive experience on irrigation-related projects has attracted conservation groups to contract with us to aid in several projects involving stream stabilization, fish screening (to prevent fish migration down irrigation diversions) and diversion replacement (to facilitate upstream passage of spawning fish.) Preserving the Yellowstone Cutthroat trout has been the primary goal of most of these projects. However, other projects have been specifically for debris removal, with fish screening as a secondary concern.

Two such projects have been completed – one each on a tributary to the Greybull River in Park County, Wyoming, and on Trapper Creek near Shell, Wyoming – while another on a Greybull River tributary is under construction. Each of these projects involves screen installation and barrier removal. Fish will be prevented from entering irrigation canals, and in-stream barriers to migrating spawning fish will be removed.

SCE has completed or is continuing work on other projects in conjunction with Trout Unlimited, the Wyoming Game & Fish Department, and landowners for projects in Fremont County, Wyoming, as well.

In addition to these projects, we routinely consider fish passages and screens on our irrigation rehabilitation planning projects. These items are included on numerous irrigation master plans we have completed and entail providing conceptual designs and cost estimates so as to ensure they are given appropriate consideration when improvements to the systems are eventually undertaken. Conceptual designs for the replacement of several siphon/undershot structures with channel restoration and stabilization have also been incorporated into these designs.

