

1996 ACCOMPLISHMENTS  
ASHLEY, UINTA & WASATCH-CACHE NF

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### FISHERY PROGRAM

PROGRAM DIRECTION - hosted regional fish program review assisted in budget discussions

#### BASIC INVENTORY

- Fish species - 20 streams surveyed
- 2 reports (wyoming, utah)
- Meristics done on all fish previously collected
- Macroinvertebrates - 1 stream (Logan Canyon Highway)
- Habitat (joint funding of data entry Logan River)

#### STATE/FOREST COORDINATION

- Assisted in development of the bonneville cutthroat trout ca & cs
- Assisted in development of the colorado river cutthroat trout ca & cs
- Provided support for development of spotted frog ca & cs

#### EXTERNAL PROGRAM SUPPORT

- Detail to utah mitigation, reclamation and conservation commission
- Hydro projects support on big cottonwood creek & american fork river
- Sardine canyon highway support
- Logan canyon highway support

#### INTERNAL SUPPORT

- Completed and placed coop education student (dona horan)
- Recreation support: alta, solitude, brighton, snow basin, malibu cg.
- Range: willow creek area allotment
- Timber: round table, temple mountain, west fork bear
- Lands: snowbasin, bells canyon
- Aquatics: high lakes stabilization project

FY 1996  
Bank Stabilization Malibu Campground, Logan District

**Objective/Purpose of Completed Project:** To stabilize approximately 200 feet of bank adjacent to a campground and provide for angler access to the river.

**Methods or Techniques used:** Bank stabilization using boulders, Upstream weirs were installed, An angler access point was installed

**Work Accomplished:** Bank erosion was greatly reduced, The river shifted away from the eroding bank, Campground users now have better access to the stream

**Realized Results:** Less impact to eggs in the gravel, Safer recreational environment, Good adult holding areas established

Stabilization of the High Mountain Lakes, Kamas District

**Objective/Purpose of Completed Project:** To stabilize four high mountain lakes and provide in-lake structures to enhance shore fishing. Provide good access to eight lakes through trail improvements.

**Methods or Techniques used:** Hand crews were used to remove dams at three reservoirs and to rebuild trails to eight lakes. Track hoes were used to rebuild the dam on duck lake, stabilizing this lake above drawdown levels. Track hoes were also used to install inlake log structures to increase primary production and provide for inlake fish habitat.

**Work Accomplished:** four lake were stabilized with one being above its natural lake level. Total acres affected approximately 60. Trails rebuilt approximately 8 miles. Structures install in lakes 10.

Improve access to lakes, reduced sediment to lakes and streams, increased primary production. Stabilized water levels.

Dispersed Camping Concerns

**Objective/Purpose of Completed Project:** Joint project between fisheries and recreation to address dispersed camping, riparian, and watershed concerns.

**Methods or Techniques used:**Streamside campsites were blocked with rock or post and pole fences to prevent Vehicle access and damage to plants and soil compaction.

**Work Accomplished:** Two miles of stream was protected. Reduction in sediment, vehicle traffic, and should see an increase in palnt cover.

Locating Pure Populations of Cutthroat Trout

**Objective/Purpose of Proposed Project:** to locate potentially pure populations of bonneville cutthroat trout. To conduct meristrict analysis on cutthroat trout collected over the past 3 years.

**Methods or Techniques to be used:** electrofishing techniques were used to sample twenty streams

for Bonneville cutthroat trout. A two pass electrofishing sample was conducted on 100 meter sections of the streams. Meristric analysis was conducted on whole fish which have been in storage at BYU which were collected by forest staff over the past three years.

**Work to be Accomplished:** an additional 20 streams were surveyed for Bonneville cutthroat trout. Fish population estimates were made for these streams

**Anticipated Results:** To identify populations of pure Bonneville cutthroat. To achieve population goals identified in the conservation strategy & agreement. To remove this species from the sensitive species list over time.