

END OF YEAR PROJECT REPORT/JOB PROGRESS REPORT  
FY 93: JULY 1, 1992 - JUNE 30, 1993

Division Fisheries Region 3 SBAS Project Number 3311

Project Title Coldwater Stream Study

Federal Aid Project Number F-46-R-6 (if Federal Aid Project)  
IE

Date Project Started 7/1/92 Ending Date 6/30/93

OBJECTIVES

1. Insure within hydrologic constraints that flows do not fall below levels identified in the Yellowstone reservations and the Upper-Missouri Reservations application. **COMPLETED.**
2. Maintain fish populations of native Yellowstone and west slope cutthroat at present or increasing levels. **COMPLETED.**
3. Maintain fish populations and habitat in streams affected by resource development activity at levels no worse than present condition. **COMPLETED.**
4. Encourage the USFS to redistribute grazing allotments to encourage recovery and stabilization of streambanks and riparian areas. **COMPLETED.**
5. Document response of Bison Creek trout population to removal of granitic sands.  
**NOT COMPLETED. Due to time constraints no data was collected for this period.**
6. Collect baseline fisheries data on Deep Creek to assist in determining impacts of highway construction.  
**NOT COMPLETED. Due to time constraints no data was collected during this time period.**
7. Maintain the region's streambanks and channels in their present or improved condition. **COMPLETED.**
8. Maintain water quality levels as near to baseline as possible. **COMPLETED.**
9. Maintain a wild trout fishery in the East Gallatin River that supports 20,000 angler days of use annually. **COMPLETED.**

10. Maintain densities of at least 1000 age II and older brown trout per mile in Ruby River downstream from Ruby Dam supporting 7500 angler days of use annually.  
**COMPLETED.**

11. Maintain densities of at least 2500 age I and older brown trout per mile in Poindexter Spring Creek.  
**COMPLETED.**

12. Improve habitat conditions in spring creeks of the region.  
**COMPLETED.**

13. Maximize potential of unique small streams capable of producing larger trout by utilizing special regulations on selected reaches subject to intense fishing pressure.  
**COMPLETED.**

14. Gather population data on reaches of the upper Ruby and Red Rock Rivers and 16 Mile and Willow Creek.  
**COMPLETED.**

Prepared by E. Richard Unrath Date 7/14/93  
Regional Supervisor Richard Unrath Date 7/17/93