

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS

FISHERIES DIVISION

JOB PROGRESS REPORT

State : Montana                      Project Number: F46R4  
Job Number: II-G

Project Title: Statewide Fisheries Investigations  
Study Title: Survey and Inventory of Cold Water Streams  
Job Title: Canyon Ferry Reservoir studies  
Period Covered: July 1, 1990 through June 30, 1991

JOB OBJECTIVES

1. Maintain densities of rainbow trout reflected in average samples of >15 yearling and older rainbow per 125 foot surface gill net set in the spring.

Surface gill nets were set in the fall 1990 and spring 1991 with data to be included in a future report.

2. Identify spawning areas successful used by trout in reservoir system tributaries.

Conducted redd counts and electrofished the Missouri River and selected tributaries during the fall 1990 and spring 1991. Data will be presented in a future report.

3. Provide a consistent rainbow fishery with an annual average catch rate of >0.30 fish/hour.

Conducted creel census from April through November 1990. Data will be included in a future report.

4. Provide an average winter catch rate of at least 2.0 yellow perch per hour with an average size of 8.5 inches and an annual harvest of 300,000.

Conducted a winter creel census with data being included in a future report.

5. Minimize incidence, magnitude and duration of reservoir spill through radial gates at dam to minimize escapement of trout.

Meet annually with Bureau of Reclamation to plan water releases from Canyon Ferry Reservoir.