

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS  
FISHERIES DIVISION

JOB PERFORMANCE REPORT

STATE: Montana TITLE: Southwestern Montana  
Fisheries Investigations

PROJECT NO: F-9-R-35 TITLE: Inventory and Survey  
of the Waters of the  
JOB NO: I-d Jefferson and Missouri  
Drainages

JOB DURATION: July 1, 1986 through June 30, 1987

OBJECTIVES

1. To determine trout populations in sections of the Missouri and Jefferson Rivers.
2. To mitigate or enhance habitat alterations due to agricultural, residential, mining, and industrial development.
3. To evaluate survival of different strains of rainbow trout in Canyon Ferry Reservoir.

DEGREE OF ATTAINMENT

1. Spring brown trout population estimates were made on the Willow Creek-Three Forks and Hell's Canyon Creek sections of the Jefferson River. Missouri River work was focused on migrating populations of rainbow and brown trout from Canyon Ferry Reservoir. Information was collected and data will be presented in a future progress report.
2. A total of 58 stream alteration projects (Mile High - 3, Broadwater - 4, and Jefferson Valley - 51) were inspected in the Missouri and Jefferson drainages during the project period. Information was collected and data will be presented in a future progress report.
3. Marking of rainbow trout planted into Canyon Ferry Reservoir was expanded. Follow-up sampling was done throughout the reservoir (spring and fall) as well as in most tributaries. Information was collected and data will be presented in a future progress report.

Prepared by: Bruce J. Rehwinkel  
Date: September 4, 1987