

## JOB DESCRIPTION

State Montana

Project Number F-12-R-33

Job Number II-b

Job Title: Georgetown Lake Management Survey

### Job Objectives:

1. To monitor the performance of two new rainbow strains in Georgetown Lake as well as the Arlee strain and the kokanee salmon.
2. To determine the acceptability of new Georgetown Lake fishing regulations with the public and propose a change to the commission if acceptable.
3. To measure dissolved oxygen concentrations during the period of ice cover on Georgetown Lake.

### Procedures:

Standard electrofishing techniques will be used to sample trout and salmon in North Fork of Flint Creek and Stuart Mill Creek. Dissolved oxygen concentrations will be measured with a Yellow Springs Instrument meter calibrated by Winkler determinations. Partial creel census, electrofishing and gill nets will be used to monitor trout and salmon performance in the fishery.

### Location of Work:

Georgetown Lake west of Anaconda, Montana

Principle Fish Species Involved: Rainbow trout, brook trout, kokanee salmon

### Technical Personnel:

Wayne Hadley, Fisheries Biologist 90

Dennis Workman, Fisheries Manager 20

Total Man-days Required: 110

### Job Duration:

July 1, 1986 to June 30, 1987

### Report Period:

July 1, 1986 to June 30, 1987

Cost: \$13,506 Federal Share 75%, State Share 25%

### Principal Investigator:

Wayne Hadley, Fisheries Biologist