

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS

FISHERIES DIVISION

JOB PERFORMANCE REPORT

State: Montana Title: Southwestern Montana Fisheries Study
Project No: F-9-R-31 Title: Inventory and Survey of the Water
Job No: Ia of the Gallatin and Madison Drainages
Job Duration: July 1, 1982 through June 30, 1983
Report Period: April 1, 1982 through March 31, 1983

OBJECTIVES

1. To determine fish populations, species composition and growth rates for the one section of the East Gallatin River.
2. To determine the success of planting 1-2 inch cutthroat versus 4-6 inch rainbow trout by gill net sampling on Hebgen Reservoir.
3. To mitigate or enhance habitat alterations due to agricultural, residential, mining and industrial development.

DEGREE OF ATTAINMENT

1. Spring and fall wild brown and rainbow trout population estimates were made on the Hoffman ranch section of the East Gallatin River. Data will be presented in a future progress report.
2. Approximately 20 bottom and surface gill nets were placed in Hebgen Reservoir. Data will be presented in a future progress report.
3. Approximately 15 stream alteration projects were inspected in the Madison and Gallatin River drainages during the project period.

Prepared by: E. Richard Vincent

Date: September 13, 1983