

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS

FISHERIES DIVISION

JOB PERFORMANCE REPORT

State: Montana Title: Southwest Montana Fisheries Investigations  
Project No: F-9-R-31 Title: Inventory and Survey of Waters of the  
Job No: 1-c Upper Yellowstone Drainage  
Job Duration: July 1, 1982 through June 30, 1983  
Report Period: April 1, 1982 through March 30, 1983

OBJECTIVES

1. To determine fish populations in at least two established study sections of the Yellowstone River, and one established study section of the Shields River.
2. To determine flow, water temperatures and selected water quality parameters at two established sites on the Shields River.
3. To monitor water temperatures at two established sites on the Yellowstone River.
4. To assess walleye planting success in Dailey Lake.
5. To mitigate or enhance habitat alterations, due to agricultural, residential, mining and industrial development.

DEGREE OF ATTAINMENT

1. Fish population estimates were made in three sections of the Yellowstone River and one section of the Shields River. Data will be presented in a later report.
2. Flow, temperature and water quality data were collected from the Shields River. Data will be presented in a later report.
3. Water temperatures were monitored at two sites on the Yellowstone River. Data will be presented in a later report.
4. An assessment of walleye planting success in Dailey Lake was made. Data will be presented in a later report.
5. To mitigate or enhance habitat alterations due to agricultural, residential, mining and industrial development. Data will be presented in a later report.

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Date: September 26, 1983