

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS

FISHERIES DIVISION

JOB PROGRESS REPORT

STATE: MONTANA

PROJECT NO.: F-46-R-7

SBAS: 3174

JOB NO.: VI-a

PROJECT TITLE: STATEWIDE FISHERIES INVESTIGATIONS
STUDY TITLE: STATEWIDE SURVEY AND INVESTIGATIONS
JOB TITLE: MT RIVERS INFORMATION SYSTEM SUPPORT
PERIOD COVERED: JULY 1, 1993 THROUGH JUNE 30, 1994

JOB OBJECTIVES AND ATTAINMENT

1. Obtain updated fisheries data from regional sources.
Objective completed: Data were received from a portion of the regions with emphasis on native species.
2. Enter updated fishes data on the computerized Montana Interagency Stream Fishery Data Base.
Objective completed: All information and data received were entered on the data base. Training sessions were held to assist regional personnel in entry procedures.

(See attached end of year project report/job progress report)

END OF YEAR PROJECT REPORT/JOB' PROGRESS REPORT
FY 94: JULY 1, 1993 - JUNE 30, 1994

Division Fisheries Region 1 SBAS Project No. 3174 & 3175
Project Title Statewide Fisheries Investigations VI-a
Federal Aid Project Number F-46-R-7 (if Federal Aid Project)
Date Project Started 1990 Ending Date Ongoing (or indicate if ongoing)

- . List work scheduled to have been completed for this project (include performance standards from your FY 94 workplan). Write either "completed", "not completed", or "partially completed" beside each item listed to indicate work actually done last FY.

List tasks from workplan:

1. Enter data into MRIS fisheries and recreation databases using computerized input screens (completed).
 2. Debug/change MRIS entry programs when and where necessary (completed).
 3. Create query and reporting programs and support documents for MRIS fisheries and recreation databases (completed).
 4. Write programs for calculating final fisheries and recreation resource values, calculate and review resource values (partially completed).
 5. Install and train FWP, USFS and BLM personnel when requested (completed).
 6. Complete 1:100,000 hydrography for eastern Montana (completed).
- . Describe any variance between work scheduled and work completed and explain (i.e., problems incurred and resulting impacts to attainment of project objectives):
- None.
- . Discuss impact(s) of project variance to DFWP programs (as related to objectives stated in the strategic plan, species plans, river plans or other long range documents). Also discuss any significant accomplishments of this project (state in terms of outputs produced if possible, i.e., recreation days, etc.).

By creating a user friendly edit/entry program and reporting for the MRIS fisheries and recreation data, information acquisition and dissemination can be greatly enhanced and the system can become much more efficient. Standardizing stream reach breaks and database structures statewide has reduced duplication of efforts by individual biologists. Creating a cross-reference between MRIS data and the 1:100,000 hydrography layer has allowed MRIS data to be displayed and analyzed using a GIS.

- . FINAL BUDGET STATUS (TOTAL cost of project...personal services, operations and other). Note any differences between SBAS end-of-fiscal year figures and individual records kept by the region.


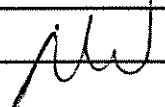
Variance:

(If project spending was as scheduled, put "on schedule." If spending was at variance with planned costs, describe.)

| <u>Project Number</u> | <u>Amount Budgeted</u> | <u>Amount Spent</u> | <u>Balance of Funds</u> | |
|-----------------------|------------------------|---------------------|-------------------------|-------------|
| TOTALS | <u>29,044.00</u> | <u>29,044.00</u> | <u>0.00</u> | On schedule |

- RECOMMENDED ACTION(S) to improve the effectiveness of this type of work effort in the future.

It is difficult to accurately estimate how much time is needed to create computerized programs for various tasks. Providing a clear idea of what is needed as well as reviewing products as they come available greatly helps programming efforts. Cooperation from all fisheries biologists and managers is essential in completing these tasks.

Prepared by Janet Decker-Hess  Date 10/4/94
 Regional Supervisor  Date 10/6/94
 Comments: _____

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