

END OF YEAR PROJECT REPORT/JOB PROGRESS REPORT
FY 92: JULY 1, 1991 - JUNE 30, 1992

Division Fisheries Region 3 SBAS Project Number 3321

Project Title Southwestern Montana Cold Water Lakes

Federal Aid Project Number F-46-R-5 (Job #II-C) (if Federal Aid Project)

Date Project Started 07/01/91 Ending Date 06/30/92 (or indicate if ongoing)

- A. List work scheduled to have been completed for this project (include performance standards from your FY 92 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. Increase late summer and fall reservoir pool in Ruby Reservoir (Post irrigation levels) to provide greater amount of aquatic habitat. **COMPLETED.**

2. Insure that land uses do not adversely affect lake water quality or tributary stream spawning habitat. **COMPLETED.**

3. Collect necessary information to properly manage mountain lake fisheries as time and funding allows. **COMPLETED.**

4. Maintain catch rates at an acceptable level for mountain lake cutthroat fisheries. **COMPLETED.**

5. Maintain wild rainbow trout fishery in Hidden lake sustaining 1000 angler days/yr. with catch rates of >0.5 fish/hr. Maintain densities reflected in average sample of >20 fish per 125 foot floating gill net set. **COMPLETED.**

6. Maintain fishery of Elk Lake sustaining 4000 angler days/yr. with catch rates of 0.5 fish/hr. Maintain densities reflected in average sample of >18 cutthroat per 125 foot gill net set with the opportunity to catch trophy grayling. **COMPLETED.**

7. Maintain wild rainbow and brown trout fishery in Ruby Reservoir sustaining 4000 angler days/yr. with catch rates of 0.5 fish/hr. and rainbow densities reflected in average samples of >18 fish per gill net set. **COMPLETED.**

8. Develop a consistent rainbow trout fishery with the opportunity to catch edible size yellow perch in Dailey Lake. **COMPLETED.**

9. Introduce Eagle Lake strain rainbow trout to Haypress lakes and establish population as a brood source for further introductions. **COMPLETED.**

10. Manage Culver Pond as a trophy brook trout fishery with the opportunity of catching brook trout >18 inches. **COMPLETED.**

11. Manage McDonald Pond as a trophy rainbow trout fishery with the opportunity of catching rainbow trout >18 inches. **COMPLETED.**

12. Provide opportunity for catching trophy size cutthroat trout in selected mountain lakes of the region. **COMPLETED.**

- B. Describe any variance between work scheduled and work completed and explain (i.e., problems incurred and resulting impacts to attainment of project objectives):

NONE

- C. 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.)

The construction of a spawning channel for Wade Lake to provide for a rainbow and brown trout population that in self sustaining eliminating the need for any future stocking of rainbow trout. This should provide a higher quality wild trout fishing with a reduced cost to the state's fishermen.

- D. 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.

<u>Project Number</u>	<u>Amount Budgeted</u>	<u>Amount Spent</u>	<u>Balance of Funds</u>	<u>Variance: (If project spending was as scheduled, put "on schedule". If spending was at variance with planned costs, describe.)</u>
TOTALS	<u>\$34,293</u>	<u>\$40,748</u>	<u>-\$6,455</u>	On schedule

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

NONE

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Date 08/27/92

Regional Supervisor

P.H. MATE

Date

Comments: