

DEPARTMENT OF FISH AND GAME

REGION 2
1701 NIMBUS ROAD, SUITE A
RANCHO CORDOVA, CALIFORNIA 95670
(916) 355-7020



April 20, 1981

Robert Lusk
Forest Supervisor
El Dorado National Forest
100 Forni Road
Placerville, CA 95667

Dear Mr. Lusk:

This letter is intended to confirm our understanding of the cooperative study to be made at Stumpy Meadows Reservoir in 1981.

The project will be staffed largely by Mike Henry, El Dorado National Forest, and Jim Richard, California Fish and Game.

The objective is to learn more about the pattern of fishing use and quality of fishing during the period from April through September.

Procedures will follow those devised in 1980 for Union Valley Reservoir by Mike Henry. The Union Valley work was well done and represents some good innovative thought by Mike.

- A) From mid-April until mid-June there will be at least one count of anglers each weekend. Catches will be examined and measured to obtain catch per effort and condition factor. From mid-June through August this will be increased to at least twice weekly including a randomly chosen weekday(s). Most of this work will be done by Mike.
- B) The 1980 plants of trout consisted of 40,000 fingerling rainbow and 27,000 catchable rainbow. An effort will be made to identify these fish in the early catch before any planting is done in 1981. A battery of gill nets will be fished overnight in the latter part of April. Netting will be jointly done by Mike and Jim. The objective, in addition to identification of 1980 plants, is to determine the standing crop of trout and warmwater species such as white catfish.
- C) There will be a total program of 25,000 rainbow trout planted in 1981. All will be catchable size. If work in (B) above supports plants of fingerlings, appropriate numbers will later be scheduled and planted.

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The first trout plant for the year will consist of 10,000 hybrid rainbow at 4/pound. Half of these will be marked by removal of the adipose fin. This will be scheduled in early May. Work will be jointly done by Mike and Jim with available volunteers.

In late May of early June a second group of 5,000 rainbow trout will be planted. These will be of domesticated Whitney strain. Half of them will be tagged with Floy streamer tags of a distinctive color. Tags will be nonreward. Anglers will be asked to return tags voluntarily through use of informational signs and by personal contact. In late July or early August the final group of trout will be planted with Floy tags of a different color. Two strains of trout will be used, the rainbow-Whitney mentioned earlier and the rainbow-Hot Creek. Insofar as possible, fish of both strains will be of comparable sizes. This program is summarized below:

<u>Approx. Date</u>	<u>Species</u>	<u>Total Plant</u>	<u>Tag or Mark</u>	<u>Tag Color or Mark</u>
May 11-12	RTSxRTKJ	10,000	5,000	Ad
June 22-23	RTW	5,000	2,500	Floy-white
July 13-14	RTW	5,000	0	UNM
August 10-11	RTW	2,500	2,500	Floy-yellow
	RTH	<u>2,500</u>	<u>2,500</u>	Floy-blue
	Totals	25,000	12,500	

Fish and Game will provide tags. Tagging will be done jointly by Mike and Jim. Mike will make up informational signs and receptacles for anglers to drop tags in.

Mike will collect all data for computer analysis and write a file report in January 1982 with assistance from Jim.

Fish and Game has already loaned Mike a boat and motor for the lake work.

We would appreciate your comments.

Sincerely,



Paul T. Jensen
Regional Manager

cc: J. Ryan
J. Richard
Phil Flint
Don Evins
Mike Henry



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Eldorado National Forest
100 Forni Road
Placerville, California 95667 (916) 622-5061

June 10, 1981

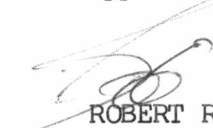
REPLY TO: 2610 Cooperative Relations

SUBJECT: Stumpy Meadows Reservoir Study

TO: Paul T. Jensen, Regional Manager
Calif. Dept. of Fish & Game, Region 2
1701 Nimbus Road, Suite A
Rancho Cordova, CA 95670

I believe our ongoing study of Stumpy Meadows Reservoir is a very worthwhile project. As a companion to the Union Valley Reservoir project, the data gathered will be most valuable in future management of cold water reservoirs.

Due to severe limitations on personnel and funds, Mike Henry will be largely dependent on volunteer help to accomplish the project. I am sure, however, he and Jim Richard will do a quality job. Your continued cooperation is certainly appreciated. I look forward to our forthcoming annual meeting.


ROBERT R. LUSK
Forest Supervisor