

Memorandum

To : Coldwater Reservoir Files
Tagging and Marking

Date: August 22, 1979

From : **Department of Fish and Game**

Subject: Fluorescent Dye Mark Test, Letts Lake, Colusa County

On August 21, 1979, 27 adipose fin clipped rainbow trout were seined from the mouth of a small spring-fed inlet stream on the west side of the lake. The Ad fin clipped indicated they had been spray dyed (see attached memo). Twenty-six of the 27 had dye marks visible under ultra violet light as follows: 9 yellow; 6 red; and 11 green. One Ad clipped fish had no visible dye mark.



Jack A. Hanson
Associate Fishery Biologist

JAH:cg

cc: Beland
von Geldern

Memorandum

To : Files, Marking and Tagging

Date: June 13, 1979

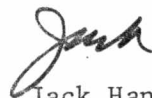
From : **Department of Fish and Game**

Subject: Field Tests of Fluorescent Pigment Retention

On June 8, 1979, 6,200 RTH at 23.9/lb were marked by excising the adipose fin. On June 11, 1979, these fish were sprayed with fluorescent pigment at 100 psi as follows:

<u>Color</u>	<u>lbs.</u>	<u>Number</u>	<u>%</u>	<u>Ratio</u>
Red	101	2,413	39.0	1.7
Yellow	100	2,390	38.6	1.7
Green	58	1,386	22.4	1

A sample of 80 fish was taken on June 12, 1979 and examined for marks. Thirty-five were marked red, 31 yellow, and 14 green. There was no unmarked fish. The fish will be stocked in Letts Lake, Colusa County.



Jack Hanson
Associate Fishery Biologist

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