

Memorandum

To : FILES

Date: October 22, 1980

Telephone: ATSS ()
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From : Department of Fish and Game

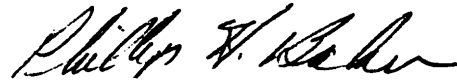
Subject: Documentation of Spring Run King Salmon Jacks in Ten Mile River,
Mendocino county

Based on reports that subject fish were holding in Ten Mile River, Seasonal Aids Mike Litwin and Wade Fender and myself made an investigation of the stream on October 13, 1980. Two sampling gillnets were placed at the Salmon Unlimited rearing pond site and allowed to fish during the day. One net had meshes ranging in size from 1-1/2 inch to 4 inch stretch measure and the other had meshes ranging from 2-1/2 to 6 inches. A total of six jack king salmon were caught. Sizes ranged from 19 to 21 inches fork length.

In addition to the gillnetting, the stream was surveyed on foot from approximately 100 yards above Salmon Unlimited rearing pond site downstream to and including Baxman's gravel plant excavation pond. No fish were observed, however, three otters were observed in the area.

Flows in the stream at the time of the survey was estimated to be approximately 10 cfs. Due to rains the previous night the water was slightly turbid. The water temperature taken at 1800 was 60° F.

Based on these observations and fact that no king salmon have been recorded recently from Ten Mile River, I must conclude that these fish are the result of Salmon Unlimited's fish rearing program in 1979. At that time approximately 400,000 spring run king salmon were provided to Salmon Unlimited from Trinity River hatchery. The particulars of that program are noted elsewhere in the files. Based on the limited extent of our observations it is difficult to say what the extent of the jack run this year is or what the extent of the adult run next year might be.



Phillip H. Baker
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cc: Salmon Unlimited, c/o Ray Welsh
AFB
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