

Memorandum

To : Files, Union Valley Reservoir

Date: September 26, 1979

From : **Department of Fish and Game**

Subject: KOK Spawning Plan, 1979

The following plan's objective is to develop a source of high quality kokanee eggs for management programs in Region 2 in 1980. Eggs will also be taken at Bucks Lake under a separate plan to be made by R. Flint.

1. Obtain Tahoe boat and fathometer to scout KOK schools in Union Valley Reservoir. Pick up boat and begin work during week of September 17. Number of days required has not been determined.
2. Set gill nets to determine when merwin traps need to be set. This will be done in conjunction with (1). Creel observations will also be made.
3. CVH will obtain merwin traps from Corps of Engineers warehouse in Ukiah on September 24. One will be kept at CVH; one will be fished in O'Neil Forebay for SB. When (1 & 2) indicate imminence of KOK spawning one trap may be available for Union Valley. Two merwin traps will be fished if necessary and available. Once traps are set they will require daily inspection and tending. Sorting of kokanee and release of other game fish will be required. Assistance of Region 2 hatchery personnel is requested for 3-4 days each week by cc of this letter. The District Biologist will man the traps for the remainder of the week. When enough fish are collected for spawning the District Biologist can assist the hatchery person. A Fish and Game trailer is available for housing at Union Valley Reservoir. I believe this work will take place in November. There may be a man power shortage for Union Valley and Bucks Lake. This will have to be worked out later. Bucks has a higher priority because of its proven egg capability and ease of egg taking.
4. Gill net Junction Reservoir to determine if KOK are present.
5. No recent (September 20, 1979) data is available on size of Union Valley Reservoir kokanee, but fishermen indicate 15-19" in mid-August. Eggs were still tight.
6. May be early and a late run, anglers reported schooling KOK in late September during 1978 around Union Valley Reservoir shorelines.

7. This work will be top priority for me and will be done before any other competing assignments are attempted.

*J. S. Ryan
for*

James B. Richard
Assistant Fishery Biologist

JBR:cg

cc: Ryan
Beland
P. Flint
Richard