

Memorandum

To : Files

Date: December 9, 1969

From : Department of Fish and Game
J. B. Richards

Subject: Union Valley Res. El Dorado County

The tributary streams (Jones Fork, Big Silver and Tells Creek) to Union Valley Res. were looked at on Nov. 18-19 to determine if barriers exist and if the KOK have entered them for spawning. No KOK or BN were observed in any of the streams. The water flows were very good. Natural barriers do exist on Tells Creek in the form of falls and cascades over the granite. It is doubtful if spawners get very far in this creek. Big Silver and Jones Fork have minor falls but fish probably ascend them without too much difficulty.

A mono filament gill net was set in the estuary of Big Silver Creek for $1\frac{1}{2}$ hours and caught the following:

RT	10.4 (catchable)
KOK	11.4, 12.4, 12.2, 11.4, 12.8 (4♂, 1♂)

Two of the females were ripe as well as the male. A number of large BN were observed near the mouths of Big Silver and Jones Fork.

A number of KOK are schooled at the power house on Tells Creek. These fish appear to be much larger than those caught in the gill nets. A SMJD employee stated that they usually start up the streams around Thanksgiving. KOK were last planted in 1967. This may be the last of the planted fish. Next years fish should be from natural reproduction.

J. B. Richards