

Memorandum

To : Files

Date : December 24, 1962

From : **Department of Fish and Game**
R. O. Beland

Subject: Tamarack Creek, Tributary to Echo Lake, El Dorado County.

Observed stream improvement work (spawning areas for Echo Lake fish) at mouth of subject stream. Flow was about 2 c.f.s. and WT 35° F. At this flow the streambed from the 4th weir above the bridge upstream was covered with water with midstream depth of 3-4 inches and adequate velocities. From 4th weir downstream a flow of about 4 c.f.s. would be better. An attraction flow of 4 c.f.s. at the mouth should be provided. At 2 c.f.s. the fish might have some trouble getting over the gravel bar downstream from the bridge near the mouth.

Thus about 4 c.f.s. might be the best flow for KOK spawning.

In the summer, we should ask the boy scouts at the camp to ditch out the creek at the mouth to assure passage of the fish.

L. Fisk of IFB was present and took pictures. We have asked for copies.


R. O. Beland
Fish Biologist III