

Memorandum

To : Files

Date : July 8, 1985

From : Department of Fish and Game

Subject: Sopiago Creek, El Dorado County

This creek was electrofished on 4/9/85 at two locations. The U/S section was on the North-South Road and D/S from the Old Berry Mill site and the second section was in 8N13ES10 several miles D/S of the upper section. The flow in the first section was estimated at 15 cfs and the second section at 25-30 cfs.

The following fish were obtained from the upper section in a length of 100 yards D/S from the road culvert:

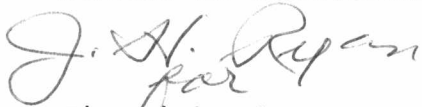
32 RT 2.4, 2.5, 2.5, 2.5, 2.7, 2.8, 2.9, 3.0, 3.0, 3.0, 3.1, 3.1,
3.1, 3.2, 3.3, 4.2, 4.3, 4.4, 4.9, 4.9, 5.0, 5.0, 5.1, 5.4,
5.4, 6.0, 6.2, 6.2, 6.3, 7.1, 7.1, 8.7

Fish obtained in the second section were taken from 125 yards U/S of road culvert.

32 RT 2.1, 2.4, 2.6, 2.7, 2.7, 2.8, 2.8, 2.8, 3.0, 3.0, 3.0, 3.0,
3.1, 3.1, 3.1, 3.2, 3.3, 3.5, 3.8, 4.0, 4.2, 4.3, 4.5, 4.8,
4.9, 5.2, 5.4, 5.6, 5.9, 6.3, 6.7, 8.0,

All of the fish were in prime condition.

In 1972 the upper section was electrofished to determine if construction work at the old mill site was detrimental to the fishery. There were 77 RT that ranged from 2.5 to 9.2 inches using a three-pass method. In 1972 there were 9 RT (11.7%) larger than 5.0 inches; while in 1985 there were 12 RT (37.5%). There has been no known construction work at the mill site for years, so it appears the stream is recovering from its silt pollution.



Jim Richard
Fishery Biologist

JBR:ds