

# Memorandum

To : File, S. F. Rubicon

Date: December 23, 1966

From : Eric Gerstung  
**Department of Fish and Game**

Subject: Need for Flow Maintenance Dams on  
S. F. Rubicon River, El Dorado County

On August 29, 1966, the S. F. Rubicon River was examined upstream from the SMUD diversion dam. No flow could be observed. A few scattered, stagnant pools contained a few trout. Downstream from the diversion, there appeared to be about 2 c.f.s. in the stream. This water is discharged from the Gerle Canal.

Since there are 2 1/2 miles of potential excellent trout producing stream above the SMUD diversion, the possibility of constructing flow maintenance dams on the outlets of Shadow and Huth Lakes within the headwaters should be investigated. Both of these lakes are located within rocky pockets and possess about 6 surface acres each. A 4-foot dam on the outlet of each lake would make it possible to store about 50 acre feet of water or enough flow to produce 1/2 c.f.s. during the last two weeks in August, all of September and the first part of October. Decreased evaporation and precipitation would take care of stream flows during the remainder of the year.

Eric Gerstung

EG:sk