

Memorandum

To : Mr. Warner

Date : June 27, 1963

From : Department of Fish and Game
Ray Dunham

Subject: Upper Truckee River, El Dorado County - Alteration of Channel During Construction of El Dorado County Airport

On June 27, 1963, Mr. R. W. Brandley of 1321 Howe Avenue, Sacramento, called to inform me that his firm had been retained by the County as consulting engineers for the airport project at the south end of Lake Tahoe. He knew of our interest in work that might affect the Upper Truckee River and wished to discuss the work remaining on the present contract for extension of the runway and relocation of the Upper Truckee River channel.

He explained that the contractor did not complete the work which was started last summer because of early fall storms. The contract specified that the new stream channel was to have banks with a 3:1 slope at the completion of the project. Although the contractor graded the banks to approximately this slope last fall, the erosion during the winter run-off has left many of the banks nearly vertical. The County could require that the contractor go back and regrade the banks to 3:1 slope before he finished his work in the area some time next week. Mr. Brandley recommended to the County that they not require the contractor to cut the banks further since this would only lead to further erosion. The upper layer of meadow turf is the only stable material in the banks. If additional turf was stripped from each bank to prepare a 3:1 slope, it would make a much wider and shallower channel than we have at the present time. He asked if I concurred with his thinking and would support his recommendations to the County.

I agreed that it would be futile to cut the banks back in order to prepare a 3:1 slope unless riprap or some other material could be placed on the stream banks to stabilize the loose material under the meadow turf. Neither we nor the County are prepared to do this at the present time. In addition, future plans for the airport call for additional lengthening and widening of the present runways which will call for further relocation of the Upper Truckee Channel.

Mr. Brandley told me that his firm was to be retained on a continuing basis for the future work at the airport also and that he would like to arrange a meeting in about two weeks to discuss future airport plans for replacement of the diversion dam near the north end of the airport and future runway extensions. This would give us an opportunity to explain our requirements before contract specifications were prepared. He intends to call some time next week and arrange a definite appointment so that Bob Montgomery can be present also.

Ray Dunham
L. R. Dunham
Pollution Bioanalyst III

Warden Leamon; R. D. Montgomery
cc: Glenn Delisle; Water Pollution Control

WP - Stream Alteration
El Dorado County
Airport Extension