

STATE OF CALIFORNIA
DEPARTMENT OF FISH AND GAME

INTRAOFFICE CORRESPONDENCE

November 7, 1957

DATE

TO: Mr. Everett Horn, Wildlife Projects Coordinator

FROM: Seth Gordon, Director

SUBJECT: Taylor Creek, El Dorado County, Outlet to Lake Tahoe

NOV 14 1957
DEPT. FISH & GAME
REGION 11

Enclosed is a report from Engineering on the feasibility of an outlet structure on Taylor Creek.

We believe that Mr. Dry's recommendations should be tried before a construction project is recommended to the Wildlife Conservation Board.

Seth Gordon
Director

Enc.
CC - Messrs. Anderson
Fraser
Montgomery

P.S. By copy of this letter I am requesting Mr. Fraser to prepare a letter for my signature to the Forest Service for an appropriate release.

STATE OF CALIFORNIA
DEPARTMENT OF FISH AND GAME
INTRAOFFICE CORRESPONDENCE

October 31, 1957

DATE

TO: Harry Anderson, Administrative Officer

FROM: Engineering

SUBJECT: Taylor Creek, El Dorado County, Outlet to Lake Tahoe

Inspected the outlet of Taylor Creek at Lake Tahoe on October 29.
The conditions on that date were:

1. Weather fair, wind mild, wave action nil.
2. Bar completely closed. Water surface in meadow about one foot above water surface in lake.
3. Taylor Creek flow about three quarters of one second foot. Indications that flow has not exceeded this amount in recent weeks.

Opened the bar with stick. After half hour, opening was about six feet wide and one foot deep, and enlarging fast. It is probable, however, that opening would soon close, as the flow of Taylor Creek was too low to maintain passageway.

It would be difficult if not impossible for fish to ascend Taylor Creek even if bar were open, because of low flow.

The percolation through the bar is not as great as supposed, as was indicated by the water level in the meadow. If the small flow evident on October 29, can raise the water level in the meadow one foot above the lake, the percolation rate is slow indeed.

The solution to the Taylor Creek problem appears to be in an increase in the flow of Taylor Creek. If the flow were five second feet or more, it is my opinion that the bar would stay open most of the time. If the water surface in the meadow is ten acres, a flow of five second feet should raise the meadow water level one foot in 24 hours, and would probably cause a break in the bar, which could be expected to remain open several days. A release of five second feet would also make it possible for fish to migrate.

Harry Anderson, Administrative Officer

October 31, 1957

In the event construction work is still necessary, an open ditch is suggested near the Southerly property line. The ditch is staked in the field, and would be 125 feet long and about 5 feet deep, with 10 foot bottom and 2 to 1 side slopes. This ditch is in a relatively sheltered position, and would not be subject to closure by wave action. Flood conditions would not be damaging to the ditch, and it would not appreciably affect the appearance of the area. A foot bridge could be constructed over the ditch if desired.

For the present, it is suggested that an adequate flow in Taylor Creek be obtained. It is my understanding that the U. S. Forest Service controls the releases from Fallen Leaf Lake. If this is the case, a letter from the Director to the Forest Service should result in an adequate release, particularly during the Autumn months when Fallen Leaf could well be drawn down to make space for Winter storage.

Called Mr. Rowe at Highways as to any suggestions he might have. Rowe could only suggest a standard sewer outfall pipe. Macklin does not believe fish would find and traverse a culvert of this type.

Wallace C. Dry
Civil Engineer

cc - Seth Gordon
W. T. Shannon
J. C. Fraser
Robert Montgomery ✓
Everett Horn

NOV 14 1957
DEPT. FISH & GAME
REGION II

