

DORA BAY 132 CHOMELY SOUND

(Examined 1962)

The stream catalog states that spawning facilities are poor and limited between high tide and Dora Lake (one quarter mile), but that the inlet to Dora Lake provides good spawning area. Range 0-15,000 pinks, up to 20,000 chum, no sockeye mentioned. Our observations agree in most respects with stream catalog statements. The upper pool-like stretch is about 200-feet long and 50-60 feet wide. Gravel size is favorable; however, there is a great amount of fine material in the stream bottom and the velocities on low stream flow are lower than those preferred by pink salmon. On higher flows, this area, as well as part of the intertidal zone and the one-quarter mile of steeper gradient lake outlet, is probably used by pink and chum salmon. On our visit, there were about 100 sockeye in the upper pool. Stream discharge on this visit was about 20 s.f. The roughly 200-acre lake should produce about 1,000 to 4,000 sockeye a year to the fisherman. Predator cutthroat trout are, however, probably numerous in the lake.

No improvement is suggested at this time. The 200-foot pool could be channelized, thereby increasing velocity, the gravel cleaned, and a 4,000 square foot channel made. If a channel was cut through the log jam at lake outlet, it would enable salmon to enter the lake more easily. Although a log jam does not form a complete barrier, it possibly makes entrance into the lake more difficult.

Recommendations

None for the present

STREAM WEST SIDE OF DORA BAY 132B

(Examined 1962)

A barrier fall about 10-feet high exists in the extreme upper tidal zone. Flow was 10-13 cfs. Shortness of stream and small drainage area of 1.9 square miles precludes favorable benefit cost for laddering falls.

Recommendations

None