

32. Redoubt Lake fertilization *113-41-10430 - CC10*

The lake reportedly once supported commercial harvests of 50,000 to 60,000 sockeye and escapements of 100,000. Fertilization from 1984-1987 and 1990-1995 boosted escapements from 8,000 average to 49,000 average, but the sockeye population was too low to take full advantage of the increased forage, and a return to historical levels would take too long without sockeye enhancement. Follow-up evaluation of long-term impacts of fertilization was scheduled to continue until 2001.

33. Redoubt Lake incubation research

Experimental work was conducted in 1986 to develop a fry delivery system, to accelerate the increase in the sockeye population to a level that could take full advantage of the additional forage produced by fertilization. The fry delivery system was never developed.