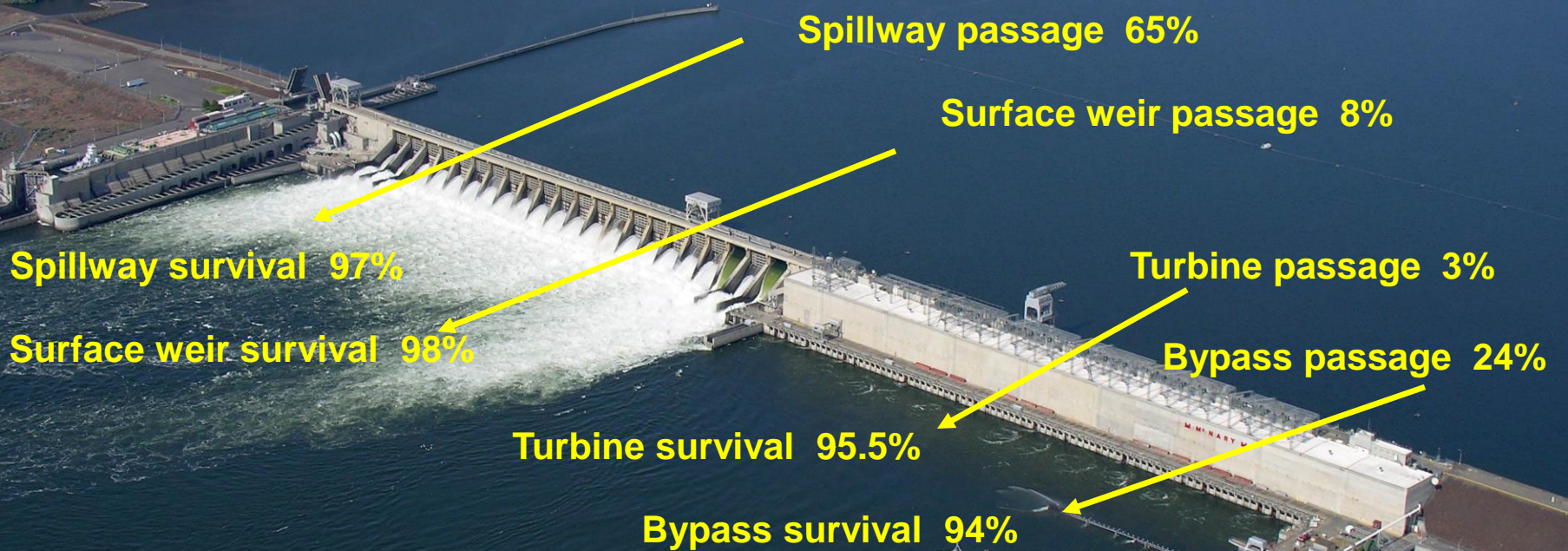


McNary Dam

2012 Passage and Survival Estimates

Yearling Chinook



Overall dam survival:
96.2% ($\pm 1.6\%$)

BiOp Performance Standard: 96%

Actual spill operation:
51% of river flow 24 hrs/day