

Spillway passage 17%

Surface weir passage 62%

Turbine passage 5%

Bypass passage 16%

Overall dam survival:  
98.7% ( $\pm 0.9\%$ )

BiOp Performance Standard: 96%  
Actual spill operation:  
Gas cap 24 hrs/day, ave. 32 kcfs

Spillway survival 95%

Surface weir survival 100%

Turbine survival 93.2%

Bypass survival 100%

# Lower Monumental Dam 2012 Passage and Survival Estimates Yearling Chinook