

Klamath River Sentinel Fish Exposures April 19-22, 2021

Updated May 26, 2021

The following is an update for the BOR sentinel fish exposures involving salmonids during April 2021 in the Klamath River.

40 Iron Gate Hatchery juvenile Chinook (IGH ChF) and 40 known out-of-basin susceptible rainbow trout (Rbt) were exposed for 72 hrs, April 19-22, at two lower-Klamath River index sites (see Table below for locations). River temperatures during the exposure ranged from 13.5-15°C. Fish have been held for 34 days post-exposure at the Aquatic Animal Health Laboratory at 13°C and monitored daily. Percent loss is calculated after 5 days (mortalities that occur within 5 days post-exposure are not included), assuming 40 IGH ChF and RBT.

Site	Fish Species	Percent Mortality	Percent <i>C. shasta</i>-associated Mortality
Above Beaver Creek (KBC)	IGH ChF	5% (2 fish)	2.5%
Near Seiad Valley (KSV)	IGH ChF	5% (2 fish)	0%
Non-exposed control	IGH ChF	2.5% (1 fish)	
	Rbt	0%	
Above Beaver Creek (KBC)	Rbt	2.5% (1 fish)	0%
Near Seiad Valley (KSV)	Rbt	0% (0 fish)	

Studies funded by BOR. These data are preliminary and subject to change.