



### INCIDENT NAME

Big Bar Landslide

### INCIDENT LOCATION

North of Big Bar on the Fraser River

### DATE PREPARED

August 11, 2019



Fisheries and Oceans  
Canada  
Pêches et Océans  
Canada



## UPDATES

- Engineers, geologists and scaling personnel will continue to manipulate boulders on the west bank of the river. By using inflatable airbags they are able to move large rocks into strategic locations in the river. The purpose of this work is to create a series of pools, short drops and back eddies to allow fish an opportunity to naturally swim upstream beyond the slide.
- The Kitsumkalum fish wheel was repositioned yesterday due to a decrease in water level. Further testing will be undertaken today with the intention of moving salmon via helicopter, that the fish wheel captured.
- A thunderstorm warning in the area caused operational delays yesterday. Scaling personnel were pulled off of the rockface as a precautionary safety measure. Weather delays today could further hinder personnel onsite.
- More than 1,000 salmon per day are being transported above the landslide as a result of the addition of multiple beach seining sites over the last week. A total of 7,343 Sockeye and 2,608 Chinook salmon have been transported by helicopter upstream of the landslide.
- 44 Sockeye and 36 Chinook salmon have been tagged and transported upstream of the landslide, which allows fish biologists to monitor upstream movement of salmon.



An aerial view looking upstream towards the landslide.



A heavy-lift helicopter removing unsafe woody debris with a logging grappling hook.