



## INCIDENT NAME

Big Bar Landslide

## INCIDENT LOCATION

North of Big Bar on the Fraser River

## DATE PREPARED

July 25, 2019



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada



## UPDATES

- There is a daily average of 80 personnel assigned to the Big Bar Landslide incident. Personnel are involved at the Incident Command Post in a variety of roles, including: planning, logistics, information, finance, operations, engineering, incident command, fish science, water and air operations and rock scaling. Fisheries and Oceans Canada, Emergency Management BC, Forests, Lands, Natural Resource Operations and Rural Development, Canadian Coast Guard, Fraser River Aboriginal Fisheries Secretariat and other First Nations partners all continue to work collaboratively.
- Today, personnel will continue salmon transportation operations. This involves transferring salmon from the off-channel holding pond to the oxygenated holding tanks. From here, the salmon will be relocated upstream, past the partial blockage, via helicopter.
- Salmon tagging operations will continue today with the purpose of tracking movement. Salmon are being radio tagged downstream in order for fish biologists to monitor how many are passing through the partial blockage by a hydroacoustic monitoring station located upstream. Salmon are being captured for tagging by seining, dip netting and on-shore angling. This monitoring will eventually provide crucial information on the survival success rate of the salmon once they have reached their spawning grounds. Tagged salmon are also being moved upstream of the slide to monitor their upstream movement and the effect of helicopter transport.
- Scaling crews are continuing to work on the face of the landslide to prepare a safe work area for rock manipulation operations below. Helicopters are assisting scaling operations with sluicing. This involves helicopters bucketing water on the landslide face to remove loose rock.
- On Tuesday, Canadian Coast Guard personnel and river specialists were on the Fraser River, downstream of the slide location, to assess water flow and conditions. Water conditions were found to be extremely hazardous due to the erratic and fast moving current.



Figure 1. Extremely rough conditions on the Fraser River, near the landslide incident location.