



INCIDENT NAME

Big Bar Landslide

INCIDENT LOCATION

North of Big Bar on the Fraser River

DATE PREPARED

July 31, 2019



Fisheries and Oceans
Canada
Pêches et Océans
Canada



UPDATES

- The safety of all personnel working on this incident remains a top priority. All risks are being identified and steps continuously taken to mitigate all potential hazards. This proactive safety approach is intended to avoid injuries, which would further delay operations.
- Salmon continue to be radio tagged and relocated further upstream, past the landslide. This operation allows fish biologists to monitor upstream movement of salmon, the impacts of helicopter transport, and to locate and determine their arrival on the spawning grounds.
- The final transport of Early Stuart Sockeye to the Cultus Lake lab was completed yesterday evening as part of the pilot enhancement program. A total of 177 were transported since last week. This enhancement strategy was implemented simultaneously with efforts to re-establish natural fish migration.
- A Fish Wheel has been delivered as one of multiple strategies to capture fish and move them upstream. A task force has completed assembly of the wheel which will be installed just below the slide this week.
- As of July 29, 2019 approximately 1,400 Sockeye and Chinook salmon have been transported upstream from the slide via helicopter. Since July 12, 2019, approximately 40,000 salmon have been counted by the Big Bar acoustic monitoring equipment downstream of the slide. As anticipated, the number of salmon arriving in the area continues to increase daily due to natural migration.
- Scalers continue drilling rock in preparation for a controlled blast later this week. The blast will increase the amount of material available for rock manipulation to facilitate the restoration of a natural fish passage. Preparation consists of the rock scaling crew carefully drilling into the rock established patterns.



The Fish Wheel being assembled on site.