



INCIDENT NAME

Big Bar Landslide

INCIDENT LOCATION

North of Big Bar on the Fraser River

DATE PREPARED

August 4, 2019



Fisheries and Oceans
Canada
Pêches et Océans
Canada



UPDATES

- The scaling crew continue to manipulate rocks at water level. These personnel use hydraulic jacks and inflatable air bags to strategically move the large boulders in predetermined areas. Crews are making encouraging progress in building a natural fish passage on the river's edge.
- Genetic testing has been completed from the Early Stuart Sockeye Pilot Enhancement Project. All salmon involved were successfully captured and transported to the Cultus Lake lab.
- Bio-sampling for stress testing continues on the salmon, alongside the radio tagging operations. Stress testing, which involves measuring their fat content, lactic acid levels, hormone levels and a blood analysis, allows biologists to monitor and assess the salmon's health before transport.
- Two helicopters continue to transport salmon in holding tanks upstream, past the obstruction. This relocation operation continues to be successful, and remains ongoing. As of today approximately 4,300 Sockeye and Chinook salmon have been transported upstream from the slide.
- Additional salmon holding tanks arrived to Lillooet yesterday. They will be transported to the capture site to improve helicopter transport capacity.
- The implementation of the Fish Wheel continues, with additional on-water resources arriving tomorrow. Once integrated, the wheel will increase the efficiency of the capturing process, and will increase the number of fish transported upstream of the obstruction.



Scalers on the rockface above the landslide.



A meeting at the Environmental Unit.

