

INCIDENT NAME

Big Bar Landslide

INCIDENT LOCATION

North of Big Bar on the Fraser

DATE PREPARED

July 23, 2019



UPDATES

- Yesterday, a team of specialists executed a test run of seining fish towards the off-channel holding pond. Fish were transferred with nets, from the pond into oxygenated aluminum holding tanks. These fish were relocated upstream via helicopter. This process was a trial run to see if this strategy, developed by experts, would be a viable option. Yesterday's operation was successful and is one of many options available to help the fish continue migrating past the partial blockage to their spawning grounds. The primary goal is to have a long-term solution put into place prior to the peak of fish migration in this area.
- Yesterday's controlled blasting operation was successful in removing the dangerous overhanging rock on the face of the landslide. The blast was engineered to fragment the rock into small pieces to avoid harming fish. Next, the rock scaling crew will begin manipulating rocks in the river below with the intention of creating a natural fish passage.



Figure 1. Seining the fish towards the picket weir.



Figure 2. The fish enter through the weir and into the off-channel holding pond.



Figure 3. The holding tanks used to transport fish upstream via helicopter.



Figure 4. The holding tanks with fish inside, being transported upstream past the partial blockage.



Figure 5. The landslide face after the controlled blasting operation.