

# BIG BAR LANDSLIDE UPDATE

SEPTEMBER 12, 2019



 Incident Webpage

 BC River Forecast



Scaling crews debrief (left). A salmon is fitted with a radio tag (right). Photos by Gina Anderson @gina-gerl imaging.

- Yesterday, the fish transport truck completed its planned test run. Fish were captured below the landslide and successfully transported above the slide. This confirms that truck transport is a viable option should it be required in the future.
- Sluicing operations earlier this week allowed scaling crews to safely remove two massive boulders from the canyon wall on the east side of the slide site. The removal of these two boulders was critical to getting scalers further down the east wall. Today, scalers will continue to work on both the east and west canyon walls. Work on the east wall will support safe access for crews, while work on the west wall is aimed at maintaining successful fish passage.
- On-going hydraulic assessments are tracking changes to environmental conditions and water levels. As hydraulic conditions fluctuate, the flows, turbidity and temperatures all play a significant role in both fish health and passage conditions.
- Yesterday, the fish tagging team caught more fish than anticipated. This allowed the team to apply more tags and collect DNA and lipid samples (to determine energy reserves) of fish below the slide.
- To date, upwards of 166,000 salmon have succeeded in swimming past the landslide. Radio tag evidence and hydroacoustic monitoring has confirmed that Sockeye, Chinook and Pink salmon have all achieved natural passage.
- Pink salmon are due to arrive in large amounts by the end of the week. As Pink salmon are a smaller species they may have more of a challenge passing through the landslide. Although Pink salmon have been able to successfully pass to date, crews are prepared to resume transport by air and ground, should conditions change.

## FISH SWIMMING PAST THE LANDSLIDE (estimated)

Latest daily total: 5800

Total to date: 166,400



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