

# BIG BAR LANDSLIDE UPDATE

APRIL 24, 2020



## ONGOING ONSITE OPERATIONS

Preparations continued this week for the installation of the pneumatic fish pump system at Big Bar. A contract for the supply of this equipment was awarded to Whooshh Innovations Ltd. The first system is expected to be operational in late May; it will then be replaced by a higher capacity model in late June.

The pneumatic pump system will move fish past the slide when water volumes are too high for fish to use the “nature-like” fishway. The current focus remains on constructing the concrete fish ladder, which is being built using 500 interlocking blocks and will guide fish to a holding pool. Site work is also underway to prepare for the installation of the Whooshh tubes that will transport the fish past the slide.

The Province of B.C.’s River Forecast Centre is predicting that water flows will soon be the highest recorded for the month of April in this portion of the Fraser River (see graph on page 2). By April 28, flows could reach 5,000 cubic metres per second (cms). Crews are taking every safety precaution as they continue to work on the concrete fish ladder in wet conditions. However, this progress may slow if water levels rise further.

In addition, Kiewit is improving the overland access road for use by trucks to transport fish for upstream release or for delivery to hatcheries.



**TOP:** Preparations to install the tubes for the pneumatic fish pump system.

**BOTTOM:** Concrete fish ladder construction is well underway, with over 500 blocks to be used in the final construction.

Archeology work continues onsite with the assessment of an access road to the French Bar Creek release site and the assessment of a new holding tank area to be used for Chinook enhancement operations.

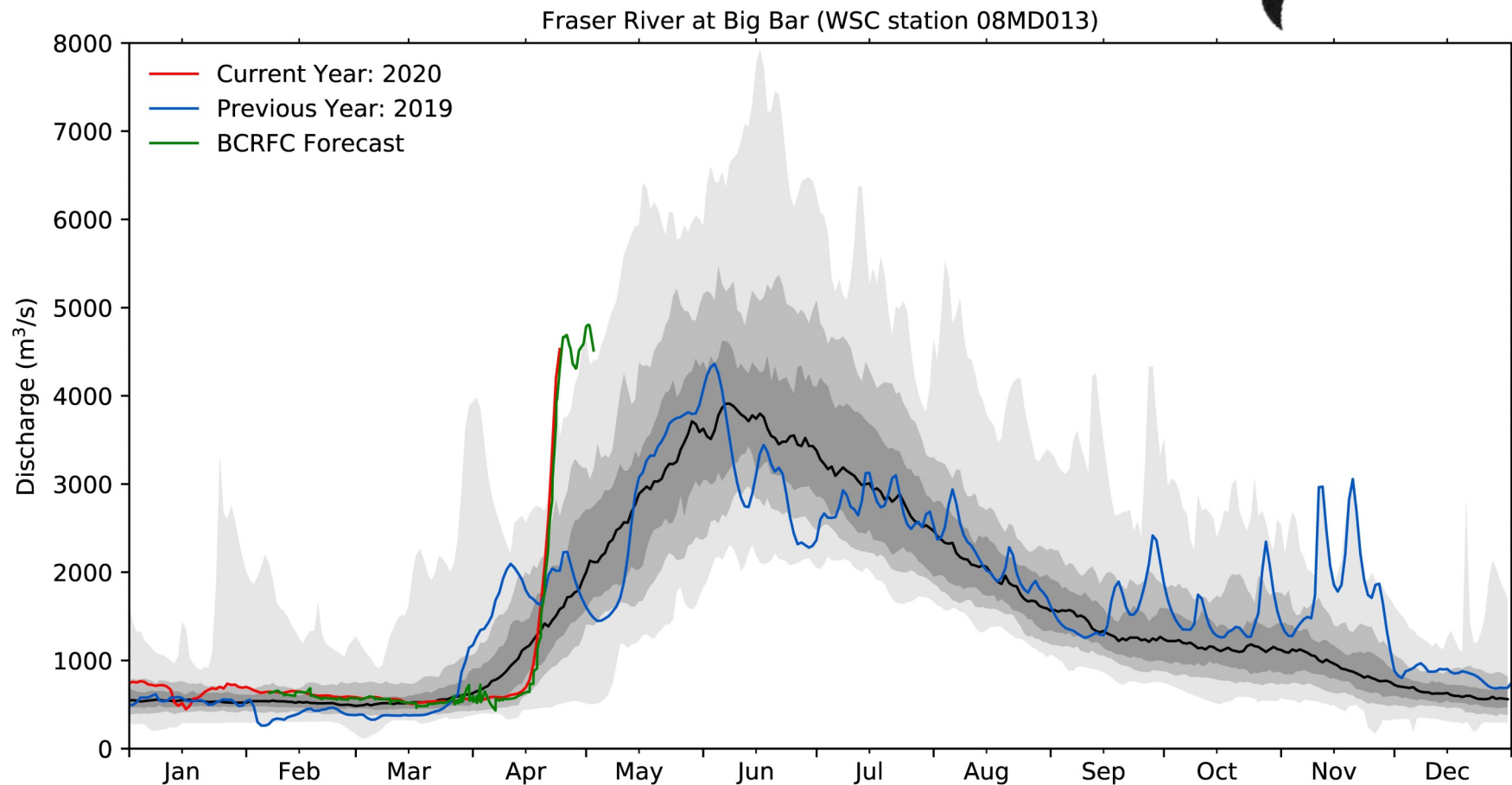
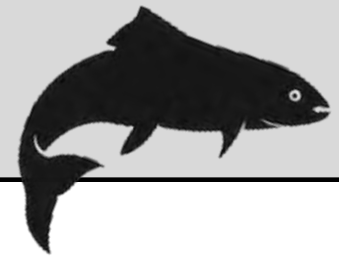


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 Response Webpage

 BC River Forecast



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Notes: Light grey indicates the minimum and maximum values; the moderate dark grey represents the 90th percentile and 10th percentile; the dark grey represents the 75th percentile and 25th percentile; and the black line indicates the median based on the 1951-2015 synthetic time series for the Fraser River at Big Bar, which was scaled from the historical flow record of the Fraser River at Texas Creek (08MF040). The scaling function was derived from the overlapping flow record between both stations from 1951 to 1972. The current year represents observed flows at the Big Bar WSC gauge 08MD013. The forecasted flows are provided by the BC River Forecast Center



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