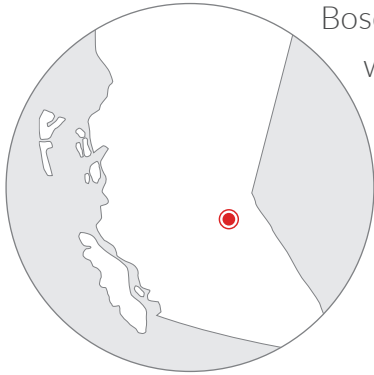


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Boscar Lake Creek Culvert Removal



Boscar Lake Creek connects Bosk Lake and Cruiser Lake in the Horsefly River watershed, Cariboo Chilcotin Region, British Columbia. The creek is known to support a range of fish species including Kokanee, Coho Salmon, Largescale Sucker, Longnose Sucker, Mountain Whitefish, Northern Pikeminnow, Peamouth Chub, Rainbow Trout and Redside Shiner.



BEFORE



AFTER

■ Why this project?

The Black Creek-Cruiser Lake Forest Service Road was constructed across a short section of Boscar Lake Creek. A narrow, closed-bottom culvert was installed under the road to facilitate the flow of the creek below. The culvert created a pinch point where the ~ 10 metre wide creek was forced to narrow and accelerate to pass through.

In-stream and riparian habitat at the crossing was flooded and lost, and at times the culvert was a barrier to fish movement. When the forestry road was no longer required, there was an opportunity to restore the stream bed and riparian habitat.

■ Outcomes

In August 2022, the culvert was removed, and the stream channel was re-established to its full width. The riparian area was reconstructed and reseeded. The forest service road was deactivated for 200 metres on each side of the stream through mounding, reseeding and scattering of woody debris. Berms and road deactivation signage were erected at either end of the road work to deter recreational ATV traffic from trespassing once the project was completed.

“The Pacific Salmon Commission’s Southern Fund Committee continues to support projects designed to benefit wild stocks of salmon by protecting or improving the quality or quantity of their habitat. The Boscar Lake Creek project, and the Canadian Wildlife Federation’s (CWF) strategic decision to remove and deactivate the culvert crossing, instead of replacing it, showcases CWF’s efficient resource management and dedication to restoring valuable salmon habitat. This project will have a positive impact on the restoration of salmon in the Horsefly River watershed.”

Pacific Salmon Commission

TOTAL PROJECT COST:

\$94,613

RESTORED ACCESS
TO HABITAT:

DISTANCE:

6.8 km

AREA:

103,060 m²

SPECIES THAT BENEFIT:



- KOKANEE
- COHO SALMON
- RAINBOW TROUT

ADDITIONAL SPECIES:

- LARGESCALE SUCKER
- LONGNOSE SUCKER
- MOUNTAIN WHITEFISH
- NORTHERN PIKEMINNOW
- PEAMOUTH CHUB
- REDSIDE SHINER

This project is primarily funded through the Pacific Salmon Commission Southern Endowment Fund and the Canada Nature Fund for Aquatic Species at Risk, with additional support from the Province of British Columbia and Fisheries and Oceans Canada through the BC Salmon Restoration and Innovation Fund. To learn more, visit [FishPassage.ca](https://fishpassage.ca).