

Change Approval
Section 11 (1)

Ministry of Transportation and Infrastructure 213-1011 4 Avenue Prince George BC V2L 3H9 is hereby authorized to make changes in and about a stream as follows:

- 1) The name of the stream is Tupper Creek.
- 2) Authorized works are permitted in accordance with standards and best management practices for instream activities, as described within Triton Environmental Consultant's Environmental management plan V.1 Walper Bridge (No. 7146) Replacement Project Ministry of Transportation and Infrastructure Project No. 35508 Dated March 5, 2018 and as presented in Stantec Walper Bridge No. 07146 Replacement Bridge Structure and Grading Township Road #188 (100% Design) Dated April 4, 2018
- 3) The authorized works include:
 - Installation of new clear span bridge with piles outside of the wetted width of the channel
 - Installation of rip rap
 - Removal of the existing temporary structure
 - Removal of the two existing piles that are in the channel
- 4) The timing window for Tupper Creek is July 15 to August 15, if instream work is to occur outside of the least risk fisheries window for Tupper Creek a variance from a Habitat Officer must be obtained. The work must meet all conditions outlined in the variance.
- 5) The holder of this Approval must comply with all other applicable Provincial and Federal Legislation prior to commencement of work.
- 6) The instream works authorized shall be completed by December 31, 2018.
- 7) All reasonable efforts shall be made to avoid any negative impacts to the stream's ecosystem including the riparian area.
- 8) Measures shall be taken to ensure that no harmful material (e.g. Fuel and other hydrocarbons, soil, road fill, or sediment), which could adversely impact water quality, fish and other aquatic life, and/or fish habitat, can enter the wetted perimeter as a result of project activities.
- 9) Equipment operating near the stream shall be free of external grease, oil or fluid leaks and an emergency spill response kit shall be kept on-site. Refueling of machinery shall be conducted 30m from all water bodies to ensure that deleterious substances do not enter the watercourse.
- 10) The changes shall be completed to the satisfaction of the Assistant Water Manager under the *Water Sustainability Act*.
- 11) This Approval does not authorize entry onto private land. It is the responsibility of the holder of this Approval to obtain appropriate landowner permissions / agreements prior to the works occurring.
- 12) All instream works will be completed under the supervision of an appropriately qualified environmental monitor. Instream activities must be conducted in the dry and the worksite must be isolated from water flowing in the stream channel. A fish and amphibian salvage within the site isolation must be conducted prior to the start of works.

- 13) All work shall be done in accordance with the “Standards and Best Practices for Instream Works” (MWLAP 2004).
- 14) The natural rate of water flow must be maintained upstream and downstream of the worksite during all phases of instream activity.
- 15) Care shall be exercised during all phases of construction to minimize siltation.
- 16) Ambient water quality guidelines for turbidity must be met prior to discharge of water back into any stream.
- 17) All disturbed areas of the banks and the stream channel must be restored and provided with long-term protection from erosion. All excavated material and debris shall be placed in a stable area above the high water mark of the stream and protected from erosion by planting grass and/or vegetation.
- 18) The Assistant Water Manager must be notified if the work plan changes significantly from those outlined in the documents identified in clause (2). The changes shall be completed to the satisfaction of the Assistant Water Manager under the *Water Sustainability Act*.
- 19) This Approval, or a copy of it, must be kept or posted on the work site so that it may be shown to a Ministry official upon request.



Brian Farwell
Assistant Water Manager

Date Issued: May 28, 2018

Approval/File No. 9000361