



Province of British Columbia
Water Sustainability Act

AMENDMENT

SECTION 26 (1)(b)

FILE /APPROVAL NO: 9000350

In the matter of **Approval No. 9000350** which authorizes the widening of the existing single lane Peace River Construction Bridge (PRCB) over the Peace River within those lands covered under the *Land Act*, License of Occupation #815805.

Having determined that an extension of the term to complete the associated works within this approval and being satisfied that no person's rights will be injuriously affected, I hereby amend Clause 6) of the said Approval, to read as follows:

- 6) *All instream work for the bridge piers, rip rap and superstructure shall be completed by April 30, 2021.*

Dated at the City of Prince George, British Columbia this 11th day of March, 2019.

Dave Francis
Water Manager

From: Piccini, Robert FLNR:EX [REDACTED]
Sent: 2018, May 17 4:39 PM
To: von Muehldorfer, Karen; Gray, Alex; McArthur, Michael
Cc: Site C Compliance Reporting
Subject: RE: PR bridge widening Change approval
Importance: High

Karen, et al...

The clause in the approval (9000350) states the following;

11) Instream activities must be conducted in the dry and the worksite must be isolated from water flowing in the stream channel.

This clause is intended for BCH and their contractors to adhere to those commitments expressed in their submission, and where conditions are unachievable, attempt to protect and monitor moving forward.

I hope that this explanation suffices,

Thx,

Robert



File: 9000350

May 3, 2018

British Columbia Hydro and Power Authority
Suite 600, Four Bentall Centre
1055 Dunsmuir Street
PO BOX 49260
VANCOUVER BC
V7X 1V5

Dear Karen von Muehldorfer | Regulatory Manager:

Re: Change Approval Application – 9000350 (Peace River Construction Bridge Widening)

Approval for the above has been granted and a Section 11 Change Approval document verifying this is attached.

We wish to inform you that the Peace River serves as a critical spawning and rearing area for fish. As the Approval holder you are required to adhere to all other applicable Provincial and Federal regulations.

An environmental monitor shall be present during all instream work. You are also reminded that a decommissioning plan for the whole bridge will be required 6 months prior to removal.

Section 105 of the *Water Sustainability Act* gives the recipient of this notice the right to appeal my decision. You may file an appeal within 30 days of the date indicated on this letter. Information on filing an appeal can be found on the Environmental Appeal Board WEB site at <http://www.eab.gov.bc.ca/>.

If you have any questions or concerns regarding the document issued, please contact Robert M Piccini in the Prince George office at (250) 551-3444.

Yours truly,

Dave Francis
Water Manager

Enc.

- e.c. Ministry of Forests, Lands, Natural Resource Operations and Rural Development, Resource Stewardship Division, Water Management Branch, Gypsy Fisher, P.Geo.
T.E. Little Consulting Inc., Tim Little [REDACTED]
EDI Environmental Dynamics Inc., Jason Yarmish, Prince George BC



Province of British Columbia

Water Sustainability Act

Approval

Section 11 (1)(b)2(a)

British Columbia Hydro and Power Authority, Suite 600, Four Bentall Centre, 1055 Dunsmuir Street, PO Box 49260, Vancouver, BC V7X 1V5 and their agents are hereby authorized to divert and use water as follows:

- 1) The name of the stream is the Peace River.
- 2) The changes to be made in and about the stream are:
 - Widening the existing authorized single lane Peace River Construction Bridge (PRCB) to a double lane by adding a second lane upstream as shown on Figure 1 drawing #1016-C09-06354,
 - The work that will take place within the river channel includes;
 - Widening of the north approach road by 91m long by 5m wide, approximate footprint of 460 m2,,
 - Installation of 17 sets (4 steel piles per set) of piers upstream of the existing piers, footprint if approximately 20 m2 per pier,
 - Rip rap placement around the 4 most northern piers to prevent erosion control, footprint is approximately 160 m2,
 - This work is best described in the submitted “Site C Clean Energy Project – Description of Activities – Peace River Construction Bridge Widening” plan submitted on January 10, 2018 by Peace River Hydro Partners.
 - Location of this applicant is as follows:
 $56^{\circ}11'31.17''N$ $120^{\circ}53'51.88''W$
- 3) Any significant departures from the approved plans and specifications as outlined in clause (2) will be reported to the Water Manager prior to those alterations occurring.
- 4) The following document/plan shall be provided to the Water Manager prior to the commencement of any work as outlined in clause (2) above;
 - Environmental Protection Plan (EPP)
- 5) All instream work shall be undertaken during the appropriate least risk work window of July 15 – August 15, unless otherwise authorized by appropriate Provincial or Federal agencies.
- 6) All instream work for the bridge piers, rip rap and superstructure shall be completed by April 30, 2019.

- 7) All work shall be done in accordance with the “Standards and Best Practices for Instream Works” (MWLAP 2004).
- 8) All instream works or work occurring in environmentally sensitive areas will be constructed under the supervision of an appropriately qualified Independent Environmental Monitor (IEM). Weekly monitoring reports shall be submitted to the Water Manager during project activities within environmentally sensitive areas otherwise; bi-weekly monitoring reports shall be submitted.
- 9) The following documents shall be provided and approved by the Water Manager, 6 months prior to those alterations occurring and pertaining to the whole bridge demolition activities:
 - Bridge Demolition Plan which will be stamped and signed by a Professional Engineer registered in the Province of British Columbia. The plan must include appropriate mitigation procedures / measures.
 - Lead or Hazardous Waste Management Plan, to include measures to ensure activities do not have a significant adverse impact on the water quality, or aquatic ecosystem within the Peace River watercourse.
- 10) The natural rate of water flow must be maintained upstream and downstream of the worksite during all phases of instream work activity.
- 11) Instream activities must be conducted in the dry and the worksite must be isolated from water flowing in the stream channel.
- 12) Care shall be exercised during all phases of construction to minimize siltation of the Peace River.
- 13) 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.
- 14) Refueling of machinery shall be conducted to ensure that deleterious substances shall not enter the watercourse.
- 15) All disturbed areas of the stream channel and its banks must be restored and provided with long-term protection from erosion.
- 16) All excavated material 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.
- 17) Rock used for riprap shall be non-potential acid generating rock. All riprap used for bank protection shall be clean, durable, angular in shape and suitably graded and sized to resist movement by ice and freshet flows.

- 18) The holder of this Approval shall take reasonable care to avoid damaging any land, works, trees or other property, and shall make full compensation to the owners for any damage or loss resulting from the exercise of the rights granted with this Approval.
- 19) The holder of this approval shall notify the Water Manager under the *Water Sustainability Act* when the changes have been completed.
- 20) The changes shall be completed to the satisfaction of the Water Manager under the *Water Sustainability Act*.
- 21) British Columbia Hydro and Power Authority (BCH) has committed through the project's Environmental Impact Statement (EIS) and Environmental Assessment Certificate (EAC), multi-year monitoring to maintain and mitigate the potential long-term effects of this project on Fish and Fish Habitat. BCH must submit a monitoring report documenting the effectiveness of habitat offsetting works to the Water Manager by December 31 of each year monitoring is required.
- 22) This document does not supersede the requirements of the *Water Sustainability Act* and Regulations, Federal *Fisheries Act* or any other related legislation. The proponent is obligated to comply with all federal or provincial or municipal enactments.
- 23) 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.



Dave Francis
Water Manager

Date Issued: May 3, 2018

Approval No. 9000350