



File: 9000317

December 13, 2017

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 – 9000317 (Moberly River Temporary Bridge)

Approval for the above has been granted, and the approval document is attached for your perusal. Please review and ensure you are familiar with all of the conditions held within this approval. Be advised that various documents/plans are required prior to the commencement of this work.

The Approval holder is required to adhere to all other applicable Provincial and Federal regulations.

We wish to inform you that the Peace River serves as a spawning and rearing area for fish. The protective requirement of the federal *Fisheries Act* must be met. Accordingly, it will be necessary for you to screen your water intake to protect against entry of small fish as per Freshwater Intake End-of-Pipe Fish Screen Guidelines (Department of Fisheries and Oceans, 1995). Please refer to the Fisheries and Oceans Canada Web-site (www.dfo-mpo.gc.ca/Library/223669.pdf) for this publication.

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, Northeast Region, Kerry Harvey, R.P. Bio.

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

Approval
Section 11 (1)(b)

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 make changes in and about a stream as follows:

- 1) The name of the stream is the Moberly River.
- 2) The changes to be made in and about the stream are:
 - Re-install the Moberly River single lane temporary bridge as shown in the design drawing prepared and signed by Allnorth Engineering no. 14VA0037-SK100,
 - The work that will take place within the river channel includes;
 - Installation of four (4) steel pipe piles to support the steel pile caps and steel superstructure, along with rip rap along the abutments.
 - This work is described in BCH Section 11 approval application – “Description of Activities and Works”, for the Moberly River Clearing Bridge, submitted on October 3, 2017.
 - Location described by applicant as latitude: 56.197798, longitude: -120.927919.
- 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 documents/plans shall be provided to the Water Manager prior to the commencement of any work as outlined in clause (2) above;
 - Debris Management Plan (DMP),
 - 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) The bridge superstructure shall be installed annually before winter (or October 30th) and removed prior to spring freshet (or April 30th), until 2023.
- 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 natural rate of water flow must be maintained upstream and downstream of the worksite during all phases of instream work activity.
- 10) Instream activities must be conducted in the dry and the worksite must be isolated from water flowing in the stream channel.
- 11) Care shall be exercised during all phases of construction to minimize siltation of Moberly River and any other watercourse.
- 12) 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.
- 13) Refueling of machinery shall be conducted to ensure that deleterious substances shall not enter the watercourse.
- 14) All disturbed areas of the stream channel and its banks must be restored and provided with long-term protection from erosion.
- 15) 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.
- 16) 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.
- 17) 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.
- 18) The holder of this approval shall notify the Water Manager under the *Water Sustainability Act* when the changes have been completed.
- 19) The changes shall be completed to the satisfaction of the Water Manager under the *Water Sustainability Act*.
- 20) 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.

- 21) 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.
- 22) 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: December 13, 2017

Approval/File No. 9000317