



Ministry of
Forests, Lands and
Natural Resource Operations

File: 9000094

September 8, 2016

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 | Senior Environmental Coordinator:

Re: Approval Application – 9000094 – Halfway River – Geotechnical Investigation

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

The permit holder is required to adhere to all other applicable Provincial and Federal Regulations.

An environmental monitor shall be present during instream work.

All works shall be done in accordance with the “Standards and Best Practices for Instream Works” (MWLAP 2004).

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, Resource Stewardship Division,
Water Management Branch, Gypsy Fisher, P.Geo.

T.E. Little Consulting Inc., Tim Little 13541 – 15A Avenue, Surrey, BC Canada, V4A 9A1

EDI Environmental Dynamics Inc., Jason Yarmish, Prince George BC



Province of British Columbia

Water Sustainability Act

Approval Section 11 (1)

British Columbia Hydro and Power Authority, Suite 600, Four Bentall Centre, 1055 Dunsmuir Street, PO Box 49260, Vancouver, BC V7X 1V5 is hereby authorized to make changes in and about a stream as follows:

- 1) The name of the stream is Halfway River.
- 2) The changes to be made in and about the stream are:
 - Geotechnical investigation works within the high water mark of Halfway River for the realignment of Highway 29 for the Site C Clean Energy Project.
 - All work will be as described in the Section 11 water approval application, supporting documentation/drawings and in the document titled “Site C Clean Energy Project – Water Act Section 9 Approval Application 2016 Geotechnical Investigations – Highway 29 at Halfway River – Description of Activities and Works” reviewed and signed by Dave Hunter, RPBio on February 19, 2016.
 - Work that is to occur below the natural boundary of the Halfway River includes: drilling approximately 13 rotary boreholes, digging test pits, clearing of minor vegetation (for access), site restoration and stabilization of temporary disturbances and one ford crossing (not covered by this approval).
 - Location described by applicant as lat: 56.1317000, long: -121.2621000.
- 3) The works authorized shall be completed by April 30, 2017.
- 4) All work shall be done in accordance with the “Standards and Best Practices for Instream Works” (MOE 2004).
- 5) Care shall be exercised during all phases of construction to minimize siltation.
- 6) All instream works will be constructed under the supervision of an Environmental Monitor.
- 7) Instream activities must be conducted in the dry and the worksite must be isolated from water flowing in the stream channel.
- 8) 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.

- 9) Refueling of machinery shall be conducted to ensure that deleterious substances shall not enter the watercourse.
- 10) 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.
- 11) All disturbed areas of the banks and the stream channel must be restored and provided with long-term protection from erosion.
- 12) On completion of the project, the stream bed shall be left in as smooth a condition as possible, with no depressions that could trap fish or initiate erosion of the stream bed.
- 13) 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.
- 14) 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 legislation.
- 15) The Construction Environmental Management Plan and Contractor's Environmental Protection Plan shall be submitted to the Water Manager for review and comment prior to the commencement of any work within the high water mark of the Halfway River.
- 16) The Water Manager must be notified if the work plan changes significantly from those outlined in the documents identified in clause (2).
- 17) The changes shall be completed to the satisfaction of the Water Manager under the Water Sustainability Act.
- 18) 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