



File: A703715

July 6, 2014

Bettina Sander
Regulatory Manager
BC Hydro and Power Authority
Four Bentall Centre
1100-1055 Dunsmuir Street
Vancouver, V7X 1V5

Dear Bettina Sander:

Re: Approval Application – A703715 – Peace River Crossing –Multi-Site

Approval for the above has been granted and a Section 9, Changes in and about a Stream, Approval document verifying this is attached.

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

Section 92 of the Water 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 is located 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 Mike D'Aloia at 250 774-5530.

Yours truly,

Regional Water Manager

Enc.

p.c. Ministry of Environment, Conservation Officer Service – Fort St John, BC
Susie Anderson, Compliance & Enforcement Supervisor, Dawson Creek, BC

**Approval
Section 9**

The BC Hydro and Power Authority, Four Bentall Centre, 1100-1055 Dunsmuir Street
Vancouver, V7X 1V5 is hereby authorized to make changes in and about a stream as follows:

- 1) The Approval encompasses a multi-site project area referred to as the BC Hydro Site C – Clean Energy Project / Peace River – Multi-Site – Section 9 Approval.
 - a) River Road,
 - b) Peace River Construction Bridge,
 - c) South Bank Channel Road Crossing, and
 - d) Mid-stream Island Channel Contouring (Causeway Isolation Area)
- 2) The work authorized is described in the application document and supporting appendices.
 - a) Appendix A - Construction Environmental Management Plan (CEMP), Site C - Clean Energy, June 5, 2015 and subsequent approved versions.
 - b) Appendix B - BC Hydro and Power Authority Water Act Application # A703715 Document.
Appendix B-1 - BC Hydro and Power Authority -Water Act Application Document: "Section 9 Water Act Application for the Dam Site Area - River Road, Peace River Construction Bridge, South Bank Channel Road Crossing, and Mid-stream Island Channel Contouring (Causeway Isolation Area) - Detailed Description of Works and Activities."
 - c) Appendix C1 – List of Figures and Drawings – Part 1 of 4.
 - d) Appendix C2 – Figures and Drawings – Part 2 of 4.
 - e) Appendix C3 – North and South Bank Engineering Drawings Figures and Drawings - Part 3 of 4.
 - f) Appendix C4 - Peace River Construction Bridge Engineering Drawings – Part 4 of 4.
 - g) Appendix D – Independent Environmental Monitor Document, River Road.
 - h) Appendix E – Independent Environmental Monitor Document.
 - i) Appendix F – Independent Engineer Document, River Road.
 - j) Appendix G - Fisheries Act Application for Authorization (FAAA) – Site Preparation.
- 3) The Holder of this Approval must comply with all other applicable Provincial and Federal Legislation and standards prescribed with the:
 - a) Appendix A - Construction Environmental Management Plan - Site C Clean Energy Project, June 5, 2015" (CEMP),
 - b) Appendix G - Fisheries Act Application for Authorization (FAAA) – Site Preparation, and any government approved versions or updates made to these documents.
- 4) The Holder of this Approval will retain Independent Engineer as described in Appendix F document titled "Appendix G Guide for Waterpower Projects Scope of Information and Report by the Independent Engineer" for Ministry purposes for works completed under the River Road project.

The Holder of the Approval will retain an Independent Engineer (IE) to report directly to the Regional Water Manager on compliance with the engineering and environmental requirements observed during construction of the River Road project. The frequency of compliance reporting by IE will be weekly or as requested by the Regional Water Manager in a form and manner acceptable to the Ministry.

- 5) The Holder of the Approval submit to the Ministry a completed Appendix F document as described in the above section 4 of this Approval in the form and manner acceptable to the Regional Water Manager within 30 days prior to the start of commencement of work.
- 6) For the River Road Project: The Holder of this Approval will retain an Independent Environmental Monitor to report directly to the Independent Engineer and Regional Water Manager as described in Appendix D document titled "Appendix H Guide for Waterpower Projects Scope of Information and Reports by the Environmental Monitor" for Ministry purposes for all works covered under Approval. BC Hydro will provide the services of a "Licensee" and retain an Environmental Monitor (Environmental Monitor is herein referred to as an Independent Environmental Monitor (IEM)) for Ministry purposes as described in Appendix E and detailed within this Approval and CEMP.
- 7) For the Peace River Construction Bridge, South Bank Channel Road Crossing, and Mid-stream Island Channel Contouring: The Holder of the Approval will retain an Independent Environmental Monitor (IEM) to report directly to the Regional Water Manager on results of compliance inspections with the environmental requirements observed during operations as per Appendix – E - Independent Environmental Monitor Document. The frequency of compliance reporting by IEM will be weekly or as requested by the Regional Water Manager, and submitted in a form and manner acceptable to the Ministry.
- 8) The Holder of the Approval must submit to the Ministry a completed Appendix D and E document as described in the above section 6 and 7 of this Approval, in a form and manner acceptable to the Regional Water Manager within 30 days prior to commencement of work authorized under this Approval.
- 9) The Holder of this Approval must prepare and submit monthly regulatory compliance reports as detailed within the CEMP document during the term of the Approval to the Ministry in a form and manner acceptable to the Regional Water Manager.
- 10) The Holder of this Approval must make available and provide copies upon request by the Ministry the construction contractor Environmental Monitoring reports and prescribed Environmental Protection Plan documents required as per reporting standards within CEMP. The Holder of this Approval must submit reports to the Ministry in a form, manner, and frequency acceptable to the Regional Water Manager.
- 11) The Holder of the Approval must ensure that: 1) incidence of high significance of non-conformance to conditions of Approval are reported to the Ministry within 24hrs of discovery and 2) submit a report within 5 days of occurrence, in a form and manner acceptable to the Regional Water Manager.
- 12) As per the above section 11 of this Approval, the definition of non- conformance significance levels for reporting occurrences of incidences of non-compliance will be determined in a form and manner acceptable to the Regional Water Manager.
- 13) This Approval does not authorize entry onto private land.
- 14) The Holder of the Approval shall ensure all required Crown land tenures and access authorizations to perform work on Crown land has been issued prior to commencement of work.
- 15) Any changes to the conditions of the Approval shall be completed to the satisfaction of the Regional Water Manager.
- 16) Amendments shall be submitted in a form and manner acceptable to the Regional Water Manager.
- 17) The Ministry will share the concerns it received on this Approval with BC Hydro who in turn must share these concerns with the contractor developing the Environmental Protection Plan and the Independent Environmental Monitor who must review the Environmental Protection Plan as required in the CEMP.

- 18) In addition to the authorized works specified in section 2, the Holder of the Approval shall ensure that instream works are conducted in such a manner to meet the standards and practices listed in the following documents to protect the environment:
- a) BC Ministry of Environment, 2004. Standards and Best Practices for Instream Works. Access via: [42TUhttp://www.env.gov.bc.ca/wld/documents/bmp/iswstdsbpsmarch2004.pdf](http://www.env.gov.bc.ca/wld/documents/bmp/iswstdsbpsmarch2004.pdf)
 - b) BC Ministry of Environment, 2009. A Users' Guide to Working in and Around Water: Understanding the Regulation under British Columbia's *Water Act*. Access via: [42TUhttp://www.env.gov.bc.ca/wsd/water_rights/cabinet/working_around_water.pdf](http://www.env.gov.bc.ca/wsd/water_rights/cabinet/working_around_water.pdf)
 - c) Fisheries and Oceans Canada, 2013. Measures to Avoid Causing Harm to Fish and Fish Habitat. Access via: [42TUhttp://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures/index-eng.html](http://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures/index-eng.html)U42T
 - d) Ministry of Forests, Lands and Natural Resource Operations et al, 2012. Fish-stream Crossing Guidebook: Revised Edition. Access via: [42TUhttp://www.for.gov.bc.ca/HFP/Fish/FishStream%20Crossing%20Print.pdf](http://www.for.gov.bc.ca/HFP/Fish/FishStream%20Crossing%20Print.pdf)U42T
 - e) Ambient Water Quality Guidelines (Criteria) for Turbidity, Suspended and Benthic Sediments (BC MOE, 2001)
 - f) Water Quality Guidelines for the Protection of Aquatic Life (CCME 2012)
 - g) A Compendium of Working Water Quality Guidelines for British Columbia (BC Ministry of Environment 2006)
- 19) The term of the Approval shall be from July 7th, 2015 to August 29th, 2016.



Regional Water Manger

Date Issued: July 6, 2015

Approval/File No. A703715