



Province of British Columbia

Water Sustainability Act

Approval

Section 10 - Short Term Use

British Columbia Hydro and Power Authority, Suite 600, Four Bentall Center, 1055 Dunsmuir Street, PO BOX 49260, VANCOUVER BC V7X 1V5 is hereby authorized to divert and use water as follows:

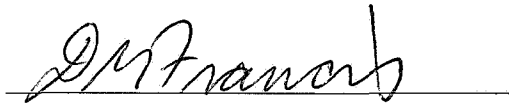
- 1) The stream on which the rights are granted is identified as the Moberly River (Watershed Code: 230-744800). The point of diversions geographic descriptions are detailed within Appendix # 1 of Approval documents.
- 2) This Approval does not authorize entry onto privately held land.
- 3) The Holder of the Approval shall ensure all require Crown land tenures to perform work on Crown land has been issued prior to commencement of work.
- 4) 21 points of diversion are located within the high watermark of the Moberly River of which details and set limits of withdrawal rates are listed below and within Appendix # 1 of Approval Documents and geographic locations illustrated within Appendix # 2 of Approval Documents:

Map Ref. Extraction Site #	Stream Name	Total Water Volume To be Used	Maximum Rate of Withdrawal M3/minute per Site	Maximum Daily Withdrawal per Site / Day	Purpose
1 – 21	Moberly River	12 000 m3	1.16 m3 /min	840m3	Industrial - Road Maintenance (02146) Winter Road / Water Crossing Construction

- 5) The Purpose for which water is to be used is defined as: Industrial - Road Maintenance , Winter Road / Water crossing Construction; specifically, winter road maintenance and construction and bridge / water crossing installations.
- 6) Maximum Volume: The maximum rate of diversion shall not exceed is 840m3 of water per day/site (based on 12hrs withdrawal rate of 1.16m3/min or 70m3/hr). The maximum total volume of water per year is 12,000m3.
- 7) Maximum Instantaneous Withdrawal Rate: The maximum water withdrawal rate which may be diverted is 1.16 m3/min per site (0.02 m3/second), 10.44 m3/min (0.18 m3/second) for all sites at any time, and shall be reduced during periods of low flows to not exceed 10% of the current flow at any time in the Moberly River.
- 8) No diversion is permitted from any stream where stream (wetted) depth is less than 0.30 meters at the withdrawal / point of diversion location.
- 9) No water will be diverted or removed from any beaver pond without the issuance of a Wildlife Act authorization.

- 10) 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.
- 11) The works authorized are a screened intake, pump, hose, pipeline, drill rig and truck. Work must be prescribed by a qualified professional and conform to the Department of Fisheries and Oceans guidelines for fish bearing freshwater intake pipes.
- 12) This Approval authorizes the installation of a pump and laying of the water intake pipe along the streambed for water extraction purposes and does not authorize any other instream work.
- 13) The Holder of the Approval will retain an Independent Environmental Monitor (IEM) to report directly to the Water Manager on results of compliance inspections with the environmental requirements observed during operations. The frequency of compliance reporting by IEM will be weekly or as requested by the Water Manager, and submitted in a form and manner acceptable to the Ministry.
- 14) The Holder of the Approval must submit a completed Environmental Protection Plan (EPP) document as per CEMP requirement, including:
 - a) prescribed monthly low stream flow / environmental thresholds which when measured at the federal governments Water Survey of Canada monitoring station (# 07B008) site would cease withdrawals operations.
 - b) submission of EPP documents and revisions to EPP documents shall be in a form / manner and frequency acceptable to the Water Manager prior to commencement of any work authorized by this Approval.
- 15) The Holder of this Approval must make available and provide copies upon request by the Water Manager: the Environmental Monitor (EM) inspection reports and prescribed Environmental Protection Plan documents required as per reporting standards within CEMP document. The EM inspection reports must be submitted in a form and manner, and frequency acceptable to the Water Manager
- 16) The Holder of the Approval must ensure that 1) incidence of high significance of non-conformance to conditions of Approval or an issuance 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 Water Manager
- 17) As per the above section 16 of this Approval, the definition of non- conformance significance levels for reporting occurrences of non-compliance will be determined in a form and manner acceptable to the Water Manager
- 18) Amendments shall be submitted in a form and manner acceptable to the Water Manager
- 19) The Holder of this Approval must comply with all applicable Provincial and Federal Legislation and standards prescribed with the "Construction Environmental Management Plan - Site C Clean Energy Project: June 5, 2015" (CEMP) and any ministry approved versions or updates made to this documents during the term of this Approval.

- 20) 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.
- 21) The monthly period authorized for water withdrawal include: January, February, March, and April of the calendar year. The term of the Approval is from the date of issuance until April 30, 2018.
- 22) Daily records of users, time, and total volume of water diverted per point of diversion site shall be kept throughout the term of the Approval and report of records made available for review upon Ministry's request. A report including a complete set of daily water withdrawal records per site shall be submitted upon request by Water Manager. The daily withdrawal reports shall be in a form and manner acceptable to the Water Manager. All records are to be submitted within 60 days of water withdrawals being completed.
- 23) A copy of this Approval must be available for inspection upon Ministries request at the project site and with the pump operator.

A handwritten signature in black ink, appearing to read "D Francis", is written over a horizontal line.

**Dave Francis,
Water Manager**

DATED December 8, 2016

Approval No. A703712