

## Appendix E

### Guide for Waterpower Projects Template for Water Licence

#### CONDITIONAL WATER LICENCE

**Name of licensee** is hereby authorized to divert and use water as follows:

- (a) The stream on which the rights are granted is **xxxxx** River.
- (b) The point of diversion on **xxxxx** River, denoted as PD**xxxxx**, is located as shown on the attached plan.
- (c) The date from which this licence shall have precedence is **xxxxx**, 2**xxx**.
- (d) The purpose for which this licence is issued is power and the category for the power is general. The power is to be generated with the **xxxxxxxxxx** Generating Station.
- (e) The maximum quantity of water which may be diverted and used under this licence is **xxx** cubic meters per second (**xxxxx** cubic feet per second), subject to the following:
  - The licensee shall maintain in the **xxxxx** River, measured immediately downstream of the point of diversion:
    - 1. a minimum flow of **xxxxx** cubic meters per second; or
    - 2. a minimum flow as ordered under clause (l) by the Regional Water Manager.
- (f) Water may be diverted and used throughout the whole year.
- (g) This licence is appurtenant to:
  - The lands on which the **xxxxxxxx** Powerhouse is to be located described as Unsurveyed Right of Way over Unsurveyed Crown Land in the vicinity of **xxxxxx** River, **xxxxx** District held under *Land Act* tenure on File **xxxxxxxx**.
- (h) The works authorized for the **xxxxxxxxxx** Generating System are:
  - 1. an intake for the **xxxxxx** River diversion;
  - 2. a power tunnel/penstock;
  - 3. access road;
  - 4. a powerhouse, tailrace and switch yard; and
  - 5. **xxx** kV transmission line to from powerhouse to **xxxxx** which shall be located approximately as shown on the attached plans

- (i) Before commencing construction of the works authorized under clause (h) of this licence, the licensee must to the satisfaction of the Engineer under the *Water Act* (the “Engineer”):
  - 1) retain a professional engineer registered in the province of British Columbia (the “Independent Engineer”) who will provide services to the Engineer for the regulation of construction of the works (details in attachment);
  - 2) retain a person with professional qualifications (the “Environmental Monitor”) who will monitor environmental impacts from the construction of works (details in attachment);
  - 3) submit, the following:
    - a. plans that show the general arrangement of the works;
    - b. criteria for the design of the works;
    - c. criteria for the operation of the works;
    - d. a schedule for the construction of the works; and
    - e. an environmental management plan (EMP) for the management and mitigation of construction impacts.
  - 4) Obtain Leave to Commence Construction (LCC) in writing from the Engineer.
  
- (j) Before undertaking construction of any component of works for which LCC issued under (i) 4), the licensee must:
  - 1. ensure that the design drawings for the works to be constructed are signed and sealed by a professional engineer registered in the province of British Columbia (the “Design Engineer”);
  - 2. ensure that a professional engineer registered in the province of British Columbia (the “Construction Engineer”) supervises the construction of the works; and
  - 3. obtain letter from the Independent Engineer that the actual construction of that component work may proceed.
  
- (k) Before commencing operation of the works authorized under clause (h), the licensee must:
  - 1. submit a report for acceptance by the Regional Water Manager on the parameters and procedures for the operation of the works;
  - 2. submit and implement a plan to the satisfaction of the Regional Water Manager for the measurement of in-stream flows and of the flow of water diverted from the stream under this licence; and
  - 3. obtain leave to commence the diversion and use of water authorized in this licence in writing from the Regional Water Manager.

- (l) The licensee must operate the works authorized under clause (h) above in accordance with procedures ordered by the Regional Water Manager, including any order for the regulation of the diversion, rate of diversion and use of water as may be required for the preservation of fish (**and for any other purpose if identified**).
- (m) The licensee must: (**if identified during the review**)
  - 1) prepare, a monitoring program suitable to determine the nature of any impacts on **fish and wildlife** to the satisfaction of the Regional Water Manager;
  - 2) implement the program to the satisfaction of the Regional Water Manager;
  - 3) continue the program for ### years following the commencement of operation of the works or to the satisfaction of the Regional Water Manager; and
  - 4) at the completion of the monitoring program, prepare a report that identifies the nature of any impacts on fish and **wildlife** and implement the appropriate mitigation and/or compensation to the satisfaction of the Regional Water Manager.
- (n) The construction of said works shall be completed and the water beneficially used prior to December 31, 2xxx.
- (o) Submit to the Engineer, and as directed by the Engineer, within six months of receiving the leave to commence the diversion and use of water, the drawings of record that show the works as they were constructed.
- (p) The term of this licence is 40 years from the date of issuance of this licence.

Regional Water Manager

File No.: xxxxxx

Date issued:

Conditional Licence: xxxxxxxx