



# Province of British Columbia

## *Water Act*

---

### Order *Water Act* Section 88

File No. 76975-35/Aberfeldie

WHEREAS British Columbia Hydro and Power Authority is the operator of the Aberfeldie hydroelectric project, in respect of which it holds Final Water Licences 120650 and 120651; and

WHEREAS the licensee has submitted the Aberfeldie Project Water Use Plan, which recommends enhancement works at the Aberfeldie Project and a ramp-down rate, all of which are intended to benefit fisheries and wildlife habitat, including a positive response in Westslope cutthroat trout populations, with no or minimal effects on other values;

WHEREAS BC Hydro has engaged in public consultation to determine values for system parameters and to develop operating procedures that may provide fisheries and wildlife benefits as described above;

WHEREAS I have accepted the Aberfeldie Project Water Use Plan dated February 23, 2005; and

WHEREAS the Aberfeldie Project Water Use Plan proposes a monitoring programme to determine whether implementation of the Aberfeldie Project Water Use Plan will provide the expected benefits:

#### I HEREBY ORDER THAT:

1. The licensee shall submit, for acceptance by the Comptroller:
  - a. terms of reference for a gravel recruitment programme;
  - b. terms of reference for assessment of enhancement opportunities in the Upper Bull River for cutthroat trout; and
  - c. a monitoring plan for effectiveness monitoring of any habitat enhancement projectsall within six months of the date of this order.
2. The licensee shall implement a one-time gravel recruitment program below the Aberfeldie dam under the accepted terms of reference in 1(a) above.

3. The licensee shall conduct a habitat enhancement project, including construction and 10-year maintenance of structures, based on the assessment report accepted by the Comptroller under 1(b) above. In the event that the study in 1(b) above does not identify suitable habitat enhancement opportunities, the licensee shall release a minimum flow from the dam of up to 0.5 cubic metres per second or other quantity as directed by the Comptroller of Water Rights.
4. The licensee shall implement monitoring of the effectiveness of any constructed enhancement projects in years five, six and ten following the date of this order, and report these monitoring results with recommendations to the Comptroller in years 6, 7 and 11 following the date of this order.
5. The licensee shall, for planned outages, ramp down the generation units at a maximum rate of 5 cubic metres per second per hour when total reduction in discharges will reduce flow in Bull River downstream of the powerhouse by more than 20%.
6. With respect to the maintenance and provision of records the licensee must:
  - a. Keep records of:
    - i) Flow release from Aberfeldie Dam; and
    - ii) Flow release from Aberfeldie Generating Station;
  - b. Provide a written report to the Comptroller of Water Rights on or before February 1 of each year summarizing the records from the previous calendar year; and
  - c. Provide on request of the Comptroller of Water Rights records collected under 6.a.
7. The licensee may operate the works in an alternate manner in the event of an emergency, dam safety requirement, or an extreme hydrological event.
8. All emergency operations or other deviations from operations ordered above shall be reported to the Comptroller of Water Rights in a timely manner.

Dated at Victoria, B.C., this 10<sup>th</sup> day of May, 2005.



Pieter Bekker  
Deputy Comptroller of Water Rights