

Environment Act Licence

Manitoba
Environment



Licence No. 1843
Issue Date June 6, 1994

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

MANTOBA HYDRO: " the Licencee"

subject to the following specifications, limits, terms and conditions for the construction, operation, and maintenance of the Development known as the Stall Lake to Flin Flon 230 kV Transmission Line and Associated 230/115 kV Herblet Lake Station. The Development involves the construction of a 230 kV transmission line from Stall Lake to Flin Flon, and a new 230/115 kV transformer station at Herblet Lake located near Snow Lake.

DEFINITIONS

In this Licence:

"A-weighted sound level" means the sound level measured with a sound level meter set on the A-weighted network, being a filter designed to approximate the relative sensitivity of the normal human ear to different frequencies of sound. The unit of measurement is denoted dBA.

"dB (decibel)" means a dimensionless measure of sound level or sound pressure level. Sound level = $20 \log_{10} \frac{\text{pressure (actual)}}{\text{pressure (reference)}}$

"dBA" means a denotation used to indicate a unit of sound measurement.

"Leq(1)" means the Leq level for a 1 hour period.

"Leq" (equivalent continuous sound level) means a constant or steady A-weighted sound level which, over a specified period of time, has the same total A-weighted energy as the actual fluctuating sound.

"wetlands" means those areas where the water table is at or above the land surface for a long enough period each year to make the area capable of supporting aquatic or hydrophilic vegetation, and which have soils with characteristics indicative of wet conditions.

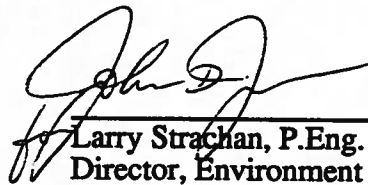
SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

- 1) The Licencee shall construct the Development in accordance with the *Stall Lake to Flin Flon 230 kV Transmission Line & Associated 230/115 kV Herblet Lake Station Project Environmental Impact Statement*, dated February, 1994.
- 2) The Licencee shall submit to the Director prior to commencement of construction activities for the Development, a *Stall Lake to Flin Flon 230 kV Transmission Line & Associated 230/115 kV Herblet Lake Station Project Environmental Protection Plan*. The Plan shall describe the approach to be used by the Licencee to monitor environmental conditions both during and after construction in order to ensure that mitigative measures are applied systematically and in a manner consistent with the commitments made in the *Stall Lake to Flin Flon 230 kV Transmission Line & Associated 230/115 kV Herblet Lake Station Project Environmental Impact Statement*.
- 3) The Licencee shall construct all stream crossings related to the Development in accordance with the Manitoba Department of Natural Resources Guidelines titled "*Recommended Fish Protection for Stream Crossings in Manitoba*" and "*Recommended Buffer Zones for Protecting Fish Resources in Lakes and Streams in Forest Cutting Areas*."
- 4) The Licencee shall adhere to the Department of Natural Resources *Forest Damage Appraisal and Valuation* policy with respect to timber removal and any resulting forest damage related to the Development.
- 5) The Licencee shall, during construction of the Development, remove, stockpile and use overburden from borrow sites for reclamation of the sites.
- 6) The Licencee shall, prior to beginning construction works associated with the Development, notify all mining claim holders potentially affected by the Development with regard to the required rights-of-way associated with the Development and the potential of encroachment on mining claims.
- 7) The Licencee shall, wherever possible, use mechanical and other non-chemical means to control vegetation for the Development. Chemical vegetation control shall not be used to control vegetation in the portion of the Development that encroaches into the Sanitary Area south of Embury Lake. Plans for chemical vegetation control in other areas of the Development shall, prior to implementation require review and approval by the Director.
- 8) The Licencee shall use wood poles treated with chromated copper arsenate (CCA) where wood structures are used in wetland areas related to the Development.
- 9) The Licencee shall, prior to commencement of construction activities at the transformer station located at Herblet Lake, submit for the approval of the Director plans and specifications for the construction, supply and installation of oil containment equipment. The plans and specifications must be approved by the Director prior to the commencement of construction activities at the stations.

- 10) The Licencee shall construct and install oil containment equipment as described in the plans and specifications approved by the Director under Clause 9 of this Licence.
- 11) The Licencee shall ensure that the emission of sound from the Herblet Lake transformer station, when measured beyond the property line of the station in a residential area, does not exceed an Leq(1) of 45dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m. local time.
- 12) The Licencee shall, during construction of the Development, ensure that any fuel storage areas established for the construction are located at a minimum distance of 100 metres away from waterbodies, and ensure the storage areas comply with the requirements of *Manitoba Regulation 97/88R - Storage and Handling of Gasoline and Associated Products Regulation*.
- 13) The Licencee shall, during construction of the Development, notify Manitoba Environment, Northern Region, with regard to any plans for disposal of hydrocarbon contaminated soils prior to disposal of the soils.
- 14) The Licencee shall, during and upon completion of construction of the Development, collect and dispose of all waste petroleum products and containers in accordance with all applicable regulatory requirements.
- 15) The Licencee shall, during and upon completion of construction of the Development, collect and dispose of solid waste in accordance with all applicable regulatory requirements.

REVOCATION

If in the opinion of the Director, the Licencee has not complied or is not complying with the specifications, limits, terms or conditions set out herein, the Director may revoke, temporarily or permanently, this Licence.



Larry Strachan, P.Eng.
Director, Environment Act

File No: 3606.00