

# Environment Act Licence

Manitoba  
Environment



Licence No. 2081  
Issue Date July 26, 1995

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

THIS LICENCE IS ISSUED TO:

**CITY OF BRANDON: "the Licencee"**

for the construction and operation of the Development being a groundwater supply system for municipal purposes located in and near Curran Park and Westbran Park in the City of Brandon subject to the following specifications, limits, terms and conditions:

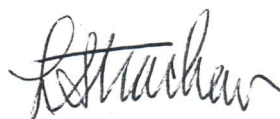
**SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS**

1. The Licencee shall construct the Development in accordance with the Environment Act Proposal dated March 14, 1995 and additional information dated May 24, 1995 and June 2, 1995, submitted to Manitoba Environment by Wardrop Engineering Inc.
2. The Licencee shall conduct a heritage resource impact assessment of the Development. This assessment shall be in the form of monitoring by a qualified archaeological consultant during all excavation and well drilling activities.
3. The Licencee shall ensure that no instream construction activities associated with the Development occur between April 1 and June 15 of any year.
4. The Licencee shall complete the pipeline crossing of the Assiniboine River at a time when streamflows are forecasted by the Water Resources Branch of Manitoba Natural Resources to be at a minimum during the season in which the crossing takes place.
5. The Licencee shall provide notice not less than two weeks prior to the commencement of instream construction activities to the Park-West regional office of Manitoba Environment and the Western regional office of Manitoba Natural Resources.
6. The Licencee shall not undertake instream construction activities without the specific approval of the Director if water depths in the Assiniboine River exceed the track height of the excavator to be used or if surface velocities exceed 1.0 metre per second.

7. The Licencee shall take appropriate measures during the construction of the Development to minimize the entry of sediment into the Assiniboine River. Instream construction practices shall follow the Canadian Association of Petroleum Producers publication, "Watercourse Crossing Guidelines for Pipeline Systems". Instream construction time shall be minimized.
8. The Licencee shall backfill the trench excavated in the Assiniboine River with crushed rock or fieldstone. Rock placed at the top of the trench shall be of sufficient size to resist erosion. Backfill material shall not project above the natural bed of the river.
9. The Licencee shall protect erodible streambanks disturbed by construction with riprap and reseed other areas of exposed soil with a mixture of native or introduced grasses or legumes.
10. The Licencee shall ensure that water withdrawal rates and annual withdrawal volumes do not exceed limitations specified in a Water Rights Licence to be issued for the Development by Manitoba Natural Resources. An annual report on water usage by the Development, including drawdown levels and volumes withdrawn from each well, shall be submitted to the Director and to the Head of Water Licensing of the Water Resources Branch not later than April 1 of the following year.
11. The Licencee shall, prior to commencing operation of the Development, submit for the approval of the Director an engineering study which assesses the possibility that consolidation of alluvial materials will lead to subsidence of the ground overlying the drawdown cone of the Development.
12. The Licencee shall, prior to commencing operation of the Development, submit for the approval of the Director a plan for the monitoring of impacts of the Development on adjacent groundwater supplies.
13. The Licencee shall ensure that the intakes on pumps used in the wells of the Development are set higher than the top of the confined aquifer which will be the source of water for the Development.
14. The Licencee shall ensure that all used oil products and other regulated hazardous wastes generated by the machinery used in the construction of the Development are collected and disposed of in accordance with all applicable Manitoba Environment and legislation requirements.
15. The Licencee shall ensure that fuel storage areas established for the construction of the Development are located a minimum distance of 100 metres from any surface waterbody and shall comply with the requirements of *Manitoba Regulation 97/88R* respecting *Storage and Handling of Gasoline and Associated Products*.

**REVOCATION**

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



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Larry Strachan, P. Eng.  
Director  
Environment Act

File No: 3996.00