

# Environment Act Licence

## Loi sur l'environnement Licence

Manitoba  
Environment  
Environnement  
Manitoba



Licence No./Licence n° 1662 R

Issue Date/Date de délivrance April 22, 1993

Revised: December 21, 1998

**IN ACCORDANCE WITH THE MANITOBA ENVIRONMENT ACT (C.C.S.M. c. E125)  
THIS LICENCE IS ISSUED PURSUANT TO SECTIONS 11(1) AND 14(2) TO:**

### **CWP LIMITED PARTNERSHIP; "the Licencee"**

for the construction and operation of the Development being a municipal water treatment and distribution system in the Rural Municipality of Cartier, subject to the following specifications, limits, terms and conditions:

### **DEFINITIONS**

In this Licence,

"**accredited laboratory**" means any facility accredited by the Standard Council of Canada (SCC), or facilities accredited by another accrediting agency recognized by Manitoba Environment to be equivalent to the SCC, or facilities which can demonstrate to Manitoba Environment, upon request, that quality assurance/quality control (QA/QC) procedures are in place equivalent to accreditation based on the Canadian Standard Can/CSA-Z753, extension of the international standard ISO 9000, Guide 25.

### **GENERAL TERMS AND CONDITIONS**

This Section of the Licence contains requirements intended to provide guidance to the Licencee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

1. The Licencee shall, in addition to any of the following specifications, limits, terms and conditions specified in this Licence, upon the request of the Director:
  - a) sample, monitor, analyse or investigate specific areas of concern regarding any segment, component or aspect of pollutant storage, containment, treatment, handling, disposal or emission systems, for such duration and at such frequencies as may be specified;
  - b) determine the environmental impact associated with the release of any pollutants from the said plant;
  - c) conduct specific investigations in response to the data gathered during environmental monitoring programs; or
  - d) provide the Director, within such time as may be specified, with such reports, drawings, specifications, analytical data, flow rate measurements and such other information as may from time to time be requested.

2. The Licencee shall construct the Development in accordance with the Environment Act Proposal dated June 24, 1992, and the supplementary information contained in letters dated January 26, 1993, February 25, 1993 and March 15, 1993, all submitted by J. R. Cousin Consultants Ltd. on behalf of the Licencee.
3. The Licencee shall, prior to the commencement of operation of the Development, receive approval pursuant to The Public Health Act for final plans for the Development.
4. The Licencee shall ensure that the design, construction and operation of the municipal water supply is in accordance with Manitoba Regulations under The Public Health Act and all operating requirements as recommended by Manitoba Environment.
5. The Licencee shall ensure that the operation of the Development is carried out by individuals properly trained or qualified to do so.
6. The Licencee shall ensure that all used oil products and other regulated hazardous wastes generated by the machinery used in the construction and operation of the Development are collected and disposed of in accordance with applicable Manitoba Environment and legislation requirements.
7. The Licencee shall revegetate soil exposed during the construction of the Development with native or introduced grasses or legumes. Native species shall be used to revegetate areas where native species existed prior to construction. Revegetation is not required for pipelines installed by chain trenching or ploughing on previously disturbed ground including road allowances.
8. The Licencee shall construct waterway crossings by augering, tunnelling or boring. Open cut waterway crossings shall not be made unless prior consultation with Manitoba Natural Resources staff and Department of Fisheries and Oceans staff has occurred and the prior written approval of the Director has been obtained. This condition applies on continuously flowing watercourses at all times, and on intermittent streams and artificial drainage channels only when flow is occurring.
9. The Licencee shall, where open cut stream crossing techniques are used on intermittent waterways and artificial drainage channels, minimize disturbance to riparian areas and restore the bottom and banks of the waterways to their original elevations and shapes.
10. The Licencee shall ensure that local drainage patterns are not altered by the construction of the Development, including inflows and outflows from small wetlands adjacent to the route of pipelines.
11. The Licencee shall re-establish the profile, compact and seed all excavated areas within the rights-of-way of Provincial Roads and Provincial Trunk Highways.

12. The Licencee shall undertake open cuts of Provincial Roads and Provincial Trunk Highways only as permitted and directed by the Regional Engineer of the Department of Highways and Transportation.
13. The Licencee shall, following construction, re-establish all road shoulders to their original condition.
14. The Licencee shall ensure that backflow prevention devices are installed at all cross-connections between the Development and existing private water supply systems.
15. The Licencee shall:
  - a) prepare "As Constructed" drawings for the Development and shall label the drawings "As Constructed"; and
  - b) provide to the Director, within three months of the completion of construction of the Development, two sets of "As Constructed" drawings.
16. The Licencee shall, prior to March 31, 1999, submit to the Director a report on water conservation measures which are appropriate for the Development. The report shall discuss leak detection and water loss monitoring, metering, pricing, ongoing public awareness, measures to promote low water use devices and other measures which may be used to promote water conservation. The report shall also contain a schedule for the implementation of measures which are planned for adoption.

#### **SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS**

17. The Licencee shall ensure that the water intake pipe in the Assiniboine River is screened to prevent fish entry in accordance with guidelines contained in the March, 1995 Department of Fisheries and Oceans publication "Freshwater Intake End-of-Pipe Fish Screen Guideline".
18. Notwithstanding Clause 8 of this Licence, the Licencee shall not construct open cut crossings of streams associated with the Development between March 15 and June 15 of any year. Open cut crossings shall comply with the provisions of the May, 1996 Fisheries and Oceans/Manitoba Natural Resources publication "Manitoba Stream Crossing Guidelines for the Protection of Fish and Fish Habitat".
19. The Licencee shall ensure that chlorinated water from pipeline testing and startup activities associated with the Development is not released to a surface water body until chlorine level concentrations are equal to or less than 0.1 milligrams per litre. Releases of chlorinated water at higher concentrations may be made to vegetated land or waterways which contain no standing water, provided that chlorine level concentrations have decayed to 0.1 milligrams per litre or less before the released water reaches any body of surface water.

20. The Licencee shall ensure that, during construction and operation of the Development, spills of fuels or other contaminants are reported to an Environment Officer in accordance with the requirements of *Manitoba Regulation 439/87* respecting *Environmental Accident Reporting*.
21. The Licencee shall ensure that non-reusable demolition and construction debris from the Development is disposed of at a waste disposal ground operating under the authority of a permit issued under *Manitoba Regulation 150/91* respecting *Waste Disposal Grounds*.
22. The Licencee shall ensure that fuel storage and equipment servicing areas established for the construction and operation of the Development are located a minimum distance of 100 metres from any waterbody, and shall comply with the requirements of *Manitoba Regulation 97/88R* respecting *Storage and Handling of Gasoline and Associated Products*.
23. The Licencee shall not discharge effluent from the sludge storage facilities where the suspended solids content of the effluent is in excess of 25 milligrams per litre. This limit may be changed by the Director if, in the opinion of the Director,
  - a) visible sludge deposits form on the banks of Mill Creek downstream of the point of discharge of the effluent; or
  - b) suspended solids from the effluent cause or contribute to negative effects on water uses including instream uses in Mill Creek downstream of the point of discharge of the effluent.
24. The Licencee shall conduct an effluent monitoring program as described in Clauses 25 to 28, of this Licence, for a period of two years commencing with the operation of the Development. Following this period, the duration of the monitoring program may be extended by the Director if the results, in the opinion of the Director, indicate that a longer monitoring period is appropriate.
25. The Licencee shall, on a quarterly basis for the duration of the effluent monitoring program, collect grab samples at a location approved by the Director on Mill Creek below the effluent discharge point.
26. The Licencee shall transport the grab samples collected pursuant to Clause 25, of this Licence, to an accredited laboratory for analysis. The samples shall be stored and transported in accordance with procedures specified by Manitoba Environment to ensure that the samples are suitable for analysis.
27. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 25, of this Licence, analysed for the following parameters:
  - a) pH;
  - b) conductivity;
  - c) total dissolved solids;
  - d) total suspended solids;
  - e) total alkalinity;
  - f) chlorine; and
  - g) aluminum.

28. The Licencee shall, not more than 60 days after the results of each quarterly analysis are available, submit the results to the Director.
29. The Licencee shall, each winter during the operation of the Development, monitor ice accumulation in Mill Creek downstream of the effluent discharge point. Appropriate action shall be taken as necessary to prevent flooding due to ice accumulation from the operation of the Development.

**REVIEW AND REVOCATION**

- A. This Licence replaces Licence No. 1662 which is hereby rescinded.
- B. If, in the opinion of the Director, the Licencee has exceeded or is exceeding or has or is failing to meet the specifications, limits, terms, or conditions set out in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- C. If construction of the development has not commenced within three years of the date of this Licence, the Licence is revoked.
- D. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this Licence, the Director may require the filing of a new proposal pursuant to Section 11 of The Environment Act.



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**Larry Strachan, P. Eng.**  
**Director**  
**Environment Act**

**Client File No.: 3474.00**