

Licence No.: 2532

Licence Issued: December 6, 2001

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

CITY OF PORTAGE LA PRAIRIE; "the Licencee"

for the construction and operation of the Development being a water supply system consisting of a water intake in the Portage Spillway Dam on the Assiniboine River, a water treatment plant in SE 28-7-11W, sludge ponds in Wood Lot 372, Parish of Portage la Prairie, and associated facilities, in accordance with the Proposal filed under The Environment Act dated June 6, 2001 and 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 Conservation to be equivalent to the SCC, or facilities which can demonstrate to Manitoba Conservation, 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; and

"as constructed drawings" means engineering drawings complete with all dimensions which indicate all features of the Development as it has actually been built.

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, prior to the construction and commencement of operation of the Development, receive approval pursuant to The Public Health Act for final plans for the Development.
3. 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 Conservation.
4. The Licencee shall ensure that the operation of the Development is carried out by individuals properly trained or qualified to do so.

5. 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 Conservation and legislation requirements.
6. The Licencee shall construct the sludge forcemain pipeline crossing of the Assiniboine River between the water treatment plant and the sludge ponds by directional boring.
7. The Licencee shall, during construction of the Development, ensure that all necessary measures are implemented to prevent the erosion of exposed soil into any waterbodies. Construction adjacent to waterbodies shall not occur during high rainfall events.
8. 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.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

9. The Licencee shall notify the Red River Region of Manitoba Conservation not less than two weeks prior to beginning construction of the Development. The notification shall include the intended starting date of construction and the name of the contractor responsible for the construction.
10. 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***.
11. The Licencee shall ensure that fuel storage and equipment servicing areas established for the construction and operation of the Development:
 - a. are located a minimum distance of 100 metres from any waterbody; and
 - b. comply with the requirements of ***Manitoba Regulation 97/88R*** respecting ***Storage and Handling of Gasoline and Associated Products***.
12. 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***.
13. 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.
14. The Licencee shall ensure that water withdrawn from the Assiniboine River for the Development is diverted in accordance with a Water Rights Licence issued for the Development.
15. The Licencee shall conduct an effluent monitoring program as described in Clauses 16 to 19 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.
16. The Licencee shall, on a quarterly basis for the duration of the effluent monitoring program, collect grab samples at four locations approved by the Director. These locations shall be in the filter backwash effluent stream inside

the water treatment plant, in the sludge pond subnatant discharge pipeline, and in the Assiniboine River above and below the effluent discharge points. The location below the effluent discharge points shall be immediately downstream of the filter backwash effluent discharge location and in the effluent discharge's plume.

17. The Licencee shall transport the grab samples collected pursuant to Clause 16 of this Licence, to an accredited laboratory for analysis. The samples shall be stored and transported in accordance with procedures specified by Manitoba Conservation to ensure that the samples are suitable for analysis.
18. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 16 of this Licence, analysed for the following parameters:
 - a. pH;
 - b. hardness;
 - c. total dissolved solids;
 - d. total suspended solids;
 - e. calcium;
 - f. chloride;
 - g. sodium;
 - h. sulphate;
 - i. iron;
 - j. magnesium; and
 - k. manganese.
19. The Licencee shall, not more than 30 days after the results of each quarterly analysis are available, submit the results to the Director.
20. The Licencee shall, during winter months, ensure that signs are placed as necessary in the vicinity of the effluent discharge points in the Assiniboine River advising of potentially dangerous ice conditions.

REVIEW AND REVOCATION

- A. 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.
- B. If construction of the development has not commenced within three years of the date of this Licence, the Licence is revoked.
- C. 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.

"original signed by Serge Scrafield for"

Larry Strachan, P. Eng.

Director

Environment Act

Client File No.: 4635.00