June 19, 2009

Howard J. Norek, C.A.O.
R.M. of Woodworth
Box 148
Kenton, MB R0M 0Z0

Dear Mr. Norek,

Enclosed is Environment Act Licence No. 2883 dated June 19, 2009, issued in accordance with The Environment Act to the R.M. of Woodworth for the construction and operation of the Development being a water treatment and supply system for the Rural Municipality of Woodworth with a manganese greensand filtration water treatment plant west of Kenton in NW 3-12-24W and distribution pipelines to provide connections in the Lenore area, and the discharge of filter backwash to a retention pond to ultimately discharge to the Assiniboine River, in accordance with the Proposal filed under The Environment Act and dated March 14, 2009.

In addition to the enclosed Licence requirements, please be informed that all other applicable federal, provincial and municipal regulations and by-laws must be complied with.

For further information on the administration and application of the Licence, please feel free to contact Peter Crocker, Environment Officer at (204) 726-6565.

Pursuant to Section 27 of The Environment Act, this licensing decision may be appealed by any person who is affected by the issuance of this Licence to the Minister of Conservation within 30 days of the date of the Licence.

Yours truly,

Tracey Braun, M. Sc.
Director
Environment Act

Enc. to: Jason Labriere, Regional Director, Central Region
       Peter Crocker, Environment Officer, Western Region
       Paul Parsons, M.A.Sc., P.Eng., MWSB
       Public Registries

NOTE: Confirmation of Receipt of this Licence No. 2883 (by the Licencee only) is required by the Director of Environmental Assessment and Licensing. Please acknowledge receipt by signing in the space provided below and faxing a copy (letter only) to the Department by July 7, 2009.

On behalf of the R.M. of Woodworth

**A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES**
Licence No. / Licence n° 2883
Issue Date / Date de délivrance June 19, 2009

In accordance with The Environment Act (C.C.S.M. c. E125) / Conformément à la Loi sur l'environnement (C.P.L.M. c. E125)

Pursuant to Section 11(1) / Conformément au Paragraphe 11(1)

THIS LICENCE IS ISSUED TO: / CETTE LICENCE EST DONNÉE À :

The Rural Municipality of Woodworth / la Licencié

for the construction and operation of the Development being a water treatment and supply system for the Rural Municipality of Woodworth, which may include Greensand filtration, water treatment plant west of Kenton in Township 13-24-11-W3 and distribution pipelines to provide connections in the Lenore area and the discharge of filter backwash to a retention pond ultimately discharging to the Assiniboine River, in accordance with the Proposal filed under The Environment Act, dated March 12, 2009, 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 (SSC); or facilities accredited by another accrediting agency recognized by Manitoba Conservation to be equivalent to the SCC; or any facility able to demonstrate to Manitoba Conservation, upon request, that it has the quality assurance/quality control (QA/QC) procedures in place equivalent to accreditation based on the Canadian Standard Can/CSA-Z753, revision 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.

**A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES**
Rural Municipality of Woodworth  
Rural Water Supply System Expansion  
Licence No. 2883  
Page 2 of 6

**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 Development;
   c) conduct specific investigations in response to the data gathered during environmental monitoring programs; or
   d) provide the Director, within such times 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 design, construct and operate the water treatment and supply system in accordance with Manitoba Regulations under The Public Health Act and The Drinking Water Safety Act and all operating requirements as recommended by Manitoba Water Stewardship.

3. The Licencee shall collect and dispose of all used oil products and other regulated hazardous wastes generated by the machinery used in the construction and operation of the Development in accordance with applicable Manitoba Conservation and legislation requirements.

4. The Licencee shall, prior to the commencement of operation of the Development, receive approval pursuant to The Drinking Water Safety Act for final plans for the Development.

5. The Licencee shall properly train or qualify individuals to carry out the operation of the Development pursuant to the requirements of Manitoba Regulation 77/2003 respecting Water and Wastewater Facility Operators, or any future amendment thereof.

6. The Licencee shall not permit the interconnection of a private water supply system with the Development.
7. 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 one year of the completion of construction
      of the Development, two sets of “As Constructed” drawings.

8. The Licencee shall, during construction of the Development, dispose of
   non-reusable construction debris at a waste disposal ground operating under
   the authority of a permit issued under Manitoba Regulation 151C respecting Waste
   Disposal Grounds or any future amendment thereto, or a Licence issued pursuant
   to The Environment Act.

9. The Licencee shall, prior to commencing construction of the Development, obtain
   all necessary approvals from Manitoba Infrastructure and Transportation and the
   Highway Traffic Board.

10. The Licencee shall notify the Historic Resources Branch not less than one month
    prior to commencing construction of the Development in any year in which
    construction occurs, in compliance with the requirements of The Heritage
    Resources Act. The notification shall include pipeline route locations.

11. The Licencee shall notify the Western Regional Office of Manitoba Conservation
    in Brandon of less than ten weeks prior to commencing construction of the
    Development in any year in which construction occurs. The notification shall
    include the estimated starting date of construction and the name of the contractor
    responsible for the construction.

12. The Licencee shall, during construction and operation of the Development:
    a) immediately report any reportable spills to Manitoba Conservation’s
       Incident Reporting Line at (204) 944-4888; and
    b) provide a follow-up report to the Director on a reportable environmental
       incident outlining the cause(s) and proposing corrective action to prevent
       reoccurrence.

13. The Licencee shall, at all times during the construction of the Development,
    maintain materials to contain and recover spills of fuel and other fluids associated
    with construction machinery at construction sites.

14. The Licencee shall establish fuel storage and equipment servicing areas for the
    construction and operation of the Development:
    a) a minimum distance of 100 metres from any waterbody; and
b) in compliance with the requirements of *Manitoba Regulation 188/2001* respecting *Storage and Handling of Petroleum Products and Allied Products.*

15. The Licencsee shall not alter local drainage patterns by the construction of the Development, including inflows and outflows from small wetlands adjacent to the route of pipelines.

16. The Licencsee shall, during construction of the Development, implement all necessary measures to prevent the erosion of exposed soil into any waterbodies. Construction adjacent to waterbodies shall not occur during high rainfall events.

17. The Licencsee shall construct waterway crossings on flowing waterways by augering, tunneling or boring. Open cut crossings on flowing waterways shall not be made unless prior consultation with Manitoba Water Stewardship and Department of Fisheries and Oceans staff has occurred and the prior written approval of the Director has been obtained. Dry or non-flowing (i.e. hydraulically unconnected to downstream flowing water) waterway and artificial waterways may be crossed with open cut techniques where approval has been obtained where necessary from the authority responsible for the channel.

18. The Licencsee shall, where open cut stream crossing techniques are used on intermittent waterways and artificial drainage channels, not construct open cut crossings associated with the Development between April 1 and June 15 of any year.

19. The Licencsee shall construct open cut stream crossings associated with the Development in accordance with the methodologies described in the October, 2000 publication "Pipeline Associated Watercourse Crossings Third Edition", published by the Canadian Pipeline Water Crossing Committee, and the May, 1996 publication "Manitoba Stream Crossing Guidelines for the Protection of Fish and Fish Habitat", published by the Department of Fisheries and Oceans and Manitoba Natural Resources.

20. The Licencsee 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.

21. The Licencsee shall not, during construction and operation of the Development, remove, destroy or disturb species listed as rare, endangered, or of special concern, or their habitats. These species are listed in *Manitoba Regulation 25/98,*
or any future amendment thereof, respecting *Threatened, Endangered and Extirpated Species* and in the federal Species at Risk Act.

22. The Licencee shall not construct the Development in areas likely to provide bird habitat before August 1 of any year. Construction in wetland areas and riparian zones adjacent to rivers shall not occur before August 15 of any year.

23. The Licencee shall separate and replace topsoil from bank slope and trenching operations associated with the Development in accordance with the methodology described in Figures 1, 2 and 3 attached to this Licence. This requirement is not applicable where the topsoil has been previously disturbed due to the construction of roads or drains.

24. 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 exist prior to construction. Revegetation is not required for pipelines installed by chain trenching or ploughing on previously disturbed ground near new road allowances.

25. The Licencee shall not release chlorinated water from pipeline testing and startup activities associated with the Development 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 dry waterways, provided the chlorine level concentrations have decayed to 0.1 milligrams per litre or less before the released water reaches any body of surface water.

26. The Licencee shall conduct an effluent monitoring program as described in Clauses 27 to 30 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.

27. The Licencee shall, for the duration of the effluent monitoring program, collect grab samples at locations approved by the Director in the wastewater stream:
   a) within the water treatment plant, on a quarterly basis; and
   b) downstream of the effluent discharge point from the retention pond constructed for filter backwash disposal, not less than twice yearly when the pond is being discharged.

28. The Licencee shall transport the grab samples collected pursuant to Clause 29 of this Licence, to an accredited laboratory for analysis. The samples shall be stored...
Rural Municipality of Woodworth
Rural Water Supply System Expansion
Licence No. 2883
Page 6 of 6

and transported in accordance with procedures specified by Manitoba Water Stewardship to ensure that the samples are suitable for analysis.

29. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 28 of this Licence, analysed for the following parameters:
   a) hardness;
   b) total dissolved solids;
   c) iron; and
   d) manganese.

30. The Licencee shall, not more than 30 days after the results of each analysis are available, submit the results to the Director.

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.

________________________________________
Tracey Braun, M.Sc.
Director
Environment Act

FILING $400.00
SEQUENCE OF TOPSOIL HANDLING

Figure 1
Roach the trench to compensate for settlement and changes in natural drainage patterns. The height of the roach depends upon the degree of compaction achieved.