Licence No./Licence n°: 2129 R
Issue Date/Date de délivrance: October 19, 1995
Revised: March 1, 2004

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

CENTRA GAS MANITOBA INC.; "the Licensee"

for the construction and operation of the Development being the natural gas distribution system to service the communities of Gladstone, Austin, Sydney and rural municipalities of North Norfolk and Westbourne. The Development involves the construction of a natural gas pipeline from the TransCanada Pipelines Ltd. main line at a delivery point located in NW 33-11-11 WPM and extending north and south terminating at the communities of Gladstone and Austin subject to the following specifications, limits, terms and conditions:

GENERAL TERMS AND CONDITIONS

This Section of the Licence contains requirements intended to provide guidance to the Licensee 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 Licensee 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.

2. The Licensee 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.

3. The Licensee shall, at all times during the construction of the Development, ensure that materials to contain and recover spills of fuel and other fluids associated with construction machinery are available at the construction sites.

4. The Licensee 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 pursuant to the Waste Disposal Ground Regulation, MR 150/91, or a Licence pursuant to The Environment Act.

**A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES**
5. The Licencee shall locate fuel storage and equipment servicing areas established for the construction and operation of the Development a minimum distance of 100 meters from any waterbody, and operate the fuel storage areas in compliance with the requirements of *Manitoba Regulation 188/2001* respecting *Storage and Handling of Petroleum Products and Allied Products*.

6. The Licencee shall construct waterway crossings on flowing waterways by augering, tunnelling or boring. Open cut crossings on flowing waterways shall not be made unless prior consultation with Manitoba Conservation and Department of Fisheries and Oceans staff has occurred and the prior written approval of the Director has been obtained. Dry or non-flowing natural and artificial waterways may be crossed with open cut techniques where approval has been obtained from the provincial or municipal authority responsible for the channel.

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, during construction of the Development, ensure that all necessary measures are implemented to prevent the erosion of exposed soil into any waterbodies.

**SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS**


10. The Licencee shall, prior to construction of the Development, contact the Manitoba Habitat Heritage Corporation in Minnedosa regarding environmentally sensitive areas related to the Development.

11. The Licencee shall, from spring breakup to June 15 of each year during construction, cease all construction activities that may impact upon the stream channel and which may affect fish mobility and fish habitat, including open cut and directional boring crossings and hydrostatic testing.

12. The Licencee shall, during hydrostatic testing, not exceed 10% of instantaneous flow of the source stream. Hydrostatic test water shall not be allowed to directly or indirectly enter the originating water source or any other water body.

13. The Licencee shall screen hydrostatic test intake pipes in accordance with guidelines contained in the Department of Fisheries and Oceans publication "*A Fish Screening Guide for Water Intakes.*"

14. The Licencee shall locate the pipeline on the west side of the road allowance in the area of the Development adjacent to the western edge of the Sight Hill unit of the Whitemud Watershed Wildlife Management Area.

16. The Licencee shall ensure that measures are taken during the construction of the Development to minimize brushing along the north shore of Jackson Lake.

17. The Licencee shall separate and replace topsoil from backhoe and trenching operations in accordance with the methodology described in Figures 1, 2 and 3 attached to this Licence.

18. The Licencee shall re-establish the profile, compact and seed all excavated areas within the Provincial Highway and Municipal Roads rights-of-way.

19. The Licencee shall, at the completion of construction, ensure that the banks of stream crossings are stabilized from channel level to high water elevation at bank full conditions.

20. The Licencee shall, prior to commencement of the construction of the Odourization Station associated with the Development, submit for the approval of the Director, "Plans and Specifications" for the construction and installation of spill containment to be included as part of the Odourization Station. The "Plans and Specifications" shall be approved by the Director prior to the commencement of construction of the Odourization Station.

21. The Licencee shall incorporate the spill containment equipment as described in the "Plans and Specifications" approved by the Director as required by Clause 20 of this Licence.

22. The Licencee shall, prior to operation of the Development, submit for the approval of Director, an emergency response contingency plan for the Development.

**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, 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.

[Signature]
Larry Strachan, P. Eng.
Director
Environment Act

File: 4647.00
1. TOPSOIL STRIPPED

2. TRENCH EXCAVATED

3. TRENCH BACKFILLED

4. TOPSOIL REPLACED

SEQUENCE OF TOPSOIL HANDLING

Figure 1:

ATTACHMENT TO ENVIRONMENT ACT LICENCE NO. 2129 R
COMPpATION OF BACKFILL

ROACHING THE TRENCH

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