

# Environment Act Licence Loi sur l'environnement Licence

Manitoba  
Conservation  
Conservation  
Manitoba



Licence No./Licence n° 2626  
Issue Date/Date de délivrance October 27, 2003

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

## **MANITOBA HYDRO; "the Licencee"**

for the construction and operation of the Development being a groundwater cooling system consisting of up to five source water wells and 10 recharge wells and all related infrastructure within the Dorsey Converter Station property in SW 8-12-1E, in accordance with the Proposal filed under The Environment Act dated August 27, 2003, and subject to the following specifications, limits, terms and conditions:

### **DEFINITIONS**

In this Licence,

**"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.

**\*\*A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES\*\***

2. 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.
3. 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.
4. The Licencee shall not alter local drainage patterns by the construction of the Development.

#### SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

5. 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.
6. The Licencee shall dispose of non-reusable construction debris from the Development at a waste disposal ground operating under the authority of a permit issued pursuant to *Manitoba Regulation 150/91* respecting *Waste Disposal Grounds*, or any future amendment thereof, or a Licence issued pursuant to The Environment Act.
7. The Licencee shall, during construction and operation of the Development, report spills of fuels or other contaminants to an Environment Officer in accordance with the requirements of *Manitoba Regulation 439/87* respecting *Environmental Accident Reporting*.
8. The Licencee shall locate fuel storage and equipment servicing areas established for the construction and operation of the Development a minimum distance of 100 metres from any waterbody, and shall comply with the requirements of *Manitoba Regulation 188/2001* respecting *Storage and Handling of Petroleum Products and Allied Products*.
9. 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. This requirement is not applicable where the topsoil has been previously disturbed due to the construction of roads or drains.
10. 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.

11. The Licencee shall, by March 31, 2004, submit a report to the Director respecting ongoing operational monitoring to be conducted for the Development. The monitoring program shall include, but not necessarily be limited to, water level and temperature monitoring on both the pumping and recharge sides of the Development. The monitoring program will also discuss the frequency of monitoring proposed for the Development.
12. The Licencee shall implement the monitoring program approved pursuant to Clause 11 of this Licence. Reports on the monitoring program shall be provided by March 31 of each year to the Red River Region, Water Branch, and Environmental Approvals Branch of Manitoba Conservation.

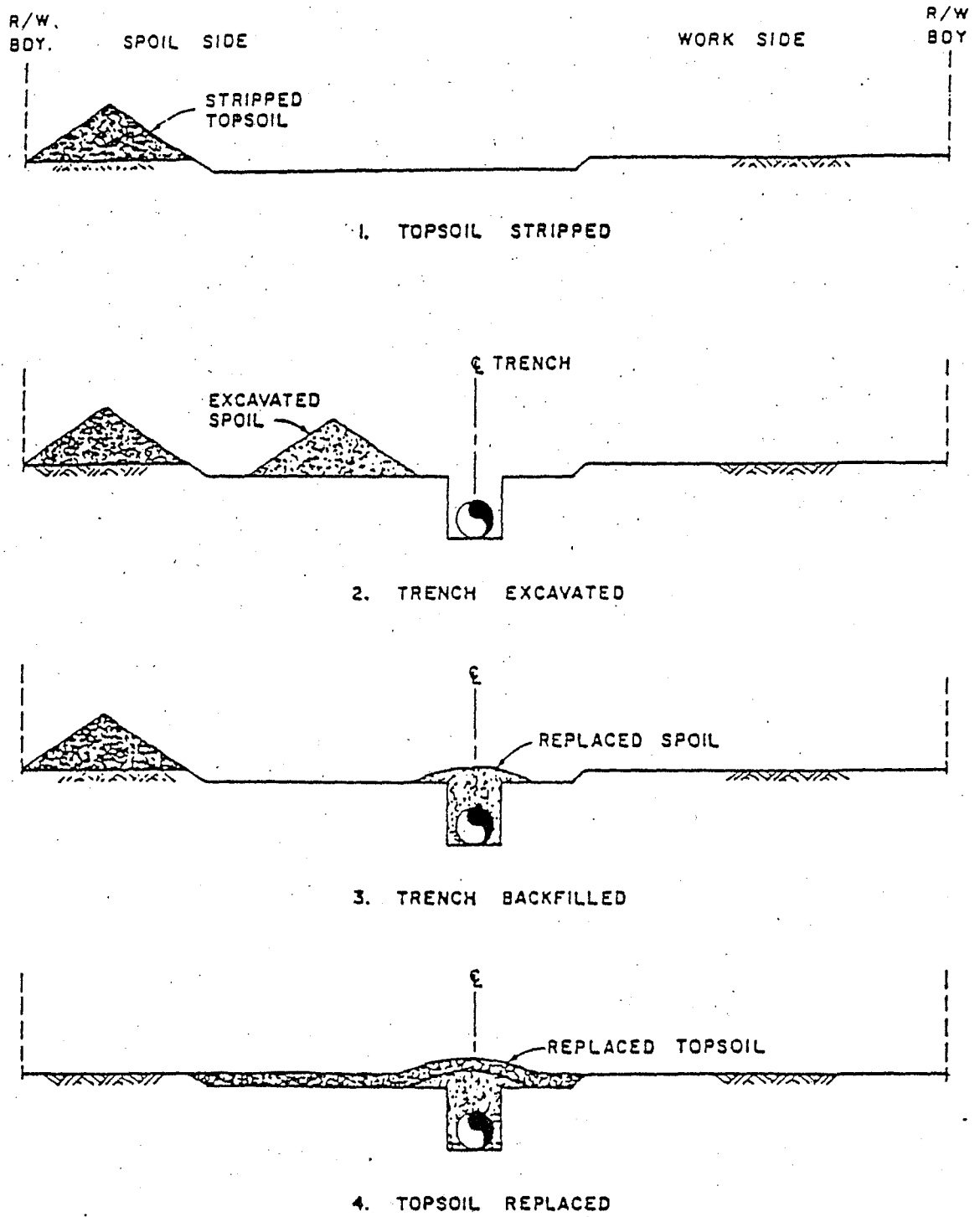
#### REVIEW AND REVOCATION

- 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.



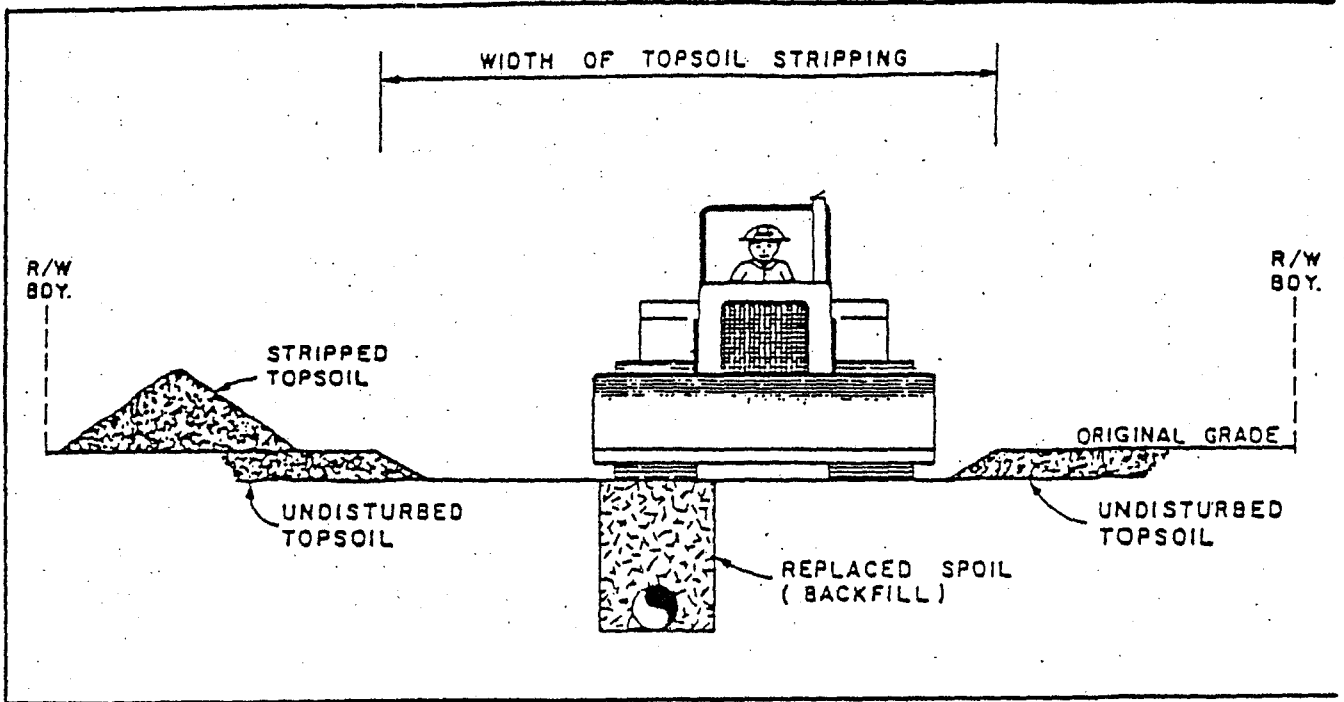
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Larry Strachan, P. Eng.  
Director  
Environment Act



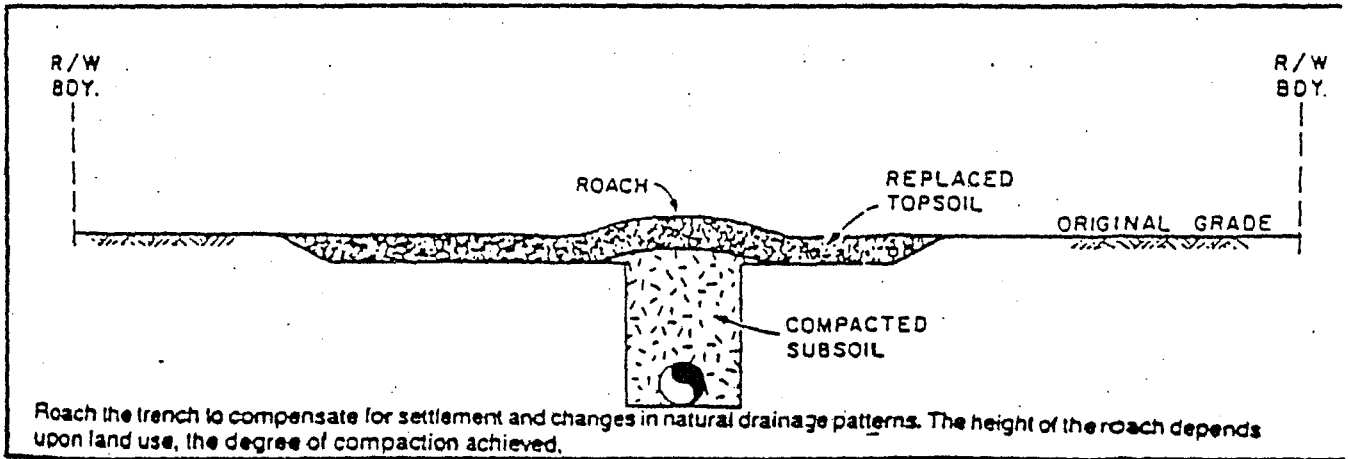
SEQUENCE OF TOPSOIL HANDLING

Figure 1



COMPACTION OF BACKFILL

Figure 2



ROACHING THE TRENCH

Figure 3