

Application for Salt Water Disposal Permit

1. An application to the Director under section 109(1) of *The Oil and Gas Act* and section 70 of *Drilling and Production Regulation* for a salt water disposal permit must be made on an 'Application to Approval of Well Operations' form found at <https://www.gov.mb.ca/iem/petroleum/forms/wellop.xlsm>. A detailed program of operations is required as part of this form.
 - a. The following information must be submitted to support the application: a written consent(s) to the application by the royalty owner(s) of the spacing unit of the well;
 - b. a copy of a notice of the licensee's plans provided to the surface owner;
 - c. the names and addresses of all royalty and working interest owners within 0.5 km of the proposed disposal well ;
 - d. a diagram of proposed facilities with detailed description of the following:
 - i. injection;
 - ii. treatment;
 - iii. measurement facilities;
 - iv. configuration and working pressure of piping and equipment; and
 - v. the existing and proposed completion of the wellbore.
 - e. the proposed corrosion control in the wellbore, flow line and surface facilities;
 - f. geological and engineering report that includes:
 - i. a stratigraphic cross section of the disposal formation in the vicinity of the proposed disposal well, including the top and base of the formation and fluid interfaces;
 - ii. a map showing the structure of the top of the disposal formation within 1 km of the proposed disposal well;
 - iii. a list of rock and fluid properties, including the estimated fracture pressure of the formation and an analysis of the formation water prior to injection;
 - iv. a production history graph of the proposed disposal well and offsetting wells;
 - v. the source of saltwater, the estimated total daily volume to be injected, and the anticipated maximum wellhead injection pressure and analysis of the water to be injected; and
a discussion of the anticipated effect of disposal on the ultimate recovery from the pool.
 - g. discussion of the anticipated effect of disposal on the correlative rights of the owners;
and
 - h. the \$200 application fee, payable to Minister of Finance.

2. The submission shall be signed by an officer of the company making application.

3. Email application to: Leonardo.Leonen@gov.mb.ca and Ahmed.Abdelrahman@gov.mb.ca
4. For further information, please contact Leo Leonen at (204)-945-6570 or Ahmed Abdelrahman at (204)-945-6575.