

Developing a New Waste Disposal Ground



Saskatchewan Environment (SE) recommends the following steps council (the proponent) should consider in the development of a new waste disposal ground.

Meeting with SE and the Proponent

Proponent contacts SE to begin the process of finding a new waste disposal ground. The community may discuss the possibility of owning and operating a joint waste disposal ground with the surrounding communities as there are many benefits with a common facility such as lower capital costs, operating and maintenance costs.

SE meets with the proponent(s) to explain the legislative requirements and the environmental aspects of the waste disposal ground. These discussions would include public consultation, identification and evaluation of sites. SE would include a Draft Terms of Reference to consider when soliciting proposals in the hiring of an Engineering Consultant.

Public Consultations

Public consultation meeting(s) are held to involve the public in the early stages of the site selection process. The consultation process purpose is to inform the public of council's intentions, help identify possible sites and to raise concerns that should be addressed by the evaluation of the proposal. This would include other agencies/groups that may have an interest in the project. If required, SE will attend meetings or open houses to explain legislative requirements and environmental aspects of waste disposal grounds. An engineering consultant or the municipality should be prepared to discuss geotechnical, hydrogeotechnical and site conditions and constraints that will be used in the evaluation of a proposal. Consultation should be ongoing throughout the evaluation process to ensure the public is aware of the status of the proposal.

Evaluation of Proposed Site(s)

When the site selection process is underway or nearing completion, an engineering consultant needs to provide the necessary technical evaluations. Steps to be completed are:

- review possible site locations identified by the community, assessing size and location;
- a technical evaluation including a geotechnical and hydrogeotechnical evaluation including installing piezometers and determining baseline information;
- review of the area information (well records, land uses, etc.);
- topographic mapping of the area;
- surface drainage review;
- monitoring requirements of existing and proposed sites;
- design and operation of proposed site including the site decommissioning;
- an operational guideline for the site operation; and
- a technical evaluation for closure or decommissioning of the old (existing) site.

Technical review to ensure:

- legislative requirements have been met;
- all environmental issues have been raised and dealt with; and
- all public concerns have been addressed.

Issuance of a Permit to Establish, Operate and Maintain a Waste Disposal Ground

Permit is issued outlining the construction requirements recommended in the consultant's report. The permit includes:

- the location of the site;
- the operation and maintenance required at the site; and
- the monitoring and reporting requirements.

Please reference SE's website at www.se.gov.sk.ca for EcoRegion contacts for your area.



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