
Environmental Licencing Plan Overview

THE FACILITY

The Brady Road Landfill is a 790-hectare Class 1 Solid Waste Facility that has been operating since 1973. The landfill currently holds approximately 8.5 million metric tonnes of waste. The site has capacity for at least 100 more years, assuming the current disposal rate of 400,000 tonnes of waste per year.

REGULATORY STATUS AND DRIVE TOWARDS IMPROVEMENT

Operations of the City of Winnipeg Brady Road Landfill are not presently licenced under the Manitoba *Environment Act*, although its operations have been permitted since October 1993.

The City of Winnipeg has committed to remedy this situation as part of a larger process of developing a new Comprehensive Integrated Solid Waste Plan (CIWMP) commencing 2010

ISSUES PERTINENT TO LANDFILL LICENCING

One of the last engineered landfills that was licenced pursuant to *The Environment Act* was the "Prairie Green" facility licenced by BFI Waste Management Inc. (BFI) in 1996.

The array of public issues is now likely to include:

- The function of a municipal landfill in the larger strategy of a comprehensive waste-minimization, prevention and management strategy.
- Maximization of potentially recyclable materials from waste streams to the landfill.
- Optimal use of biosolids and compostable organics.
- Special waste and their impacts.

STAGE 1 WORK

A consultant was retained by the City's Solid Waste Services Division to undertake preliminary work to assist the Division in preparing for the environmental licencing of the Brady Road facility. The Stage 1 work included:

- Providing third-party hydrogeology and 'best practices' reviews, recommendations to enhance the City's preparedness to successfully initiate a licencing process for the landfill.
- A description of regulatory processes available to the City for licencing the landfill.

- An outline of issues for the City to evaluate (e.g., in the EIA) to complete the regulatory process and the City's licence application.
- Recommend options for an environmental assessment and licencing.

PHASE 1 PRODUCT AND PURPOSE

This Phase 1 report and ELP outlines regulatory-process options, and environmental and socioeconomic issues likely to need attention in an EIA process, and suggests actions available for assisting the City's expected process to its licencing of the Brady Road facility.

PREPAREDNESS FOR ENVIRONMENTAL-ASSESSMENT PROCESS

The consultant concluded that the City is presently reasonably well prepared to request an *Environment Act* Licence for the facility, and will soon be better prepared, as it continues its preparations for the imminent CIWMP preparation and for the subsequent EIA process.