

# Waste Disposal Ground Operating Permit

**Permit No:** 18931 P1

**Client File:** 11483

In accordance with the Waste Management Facilities Regulation, made under The Environment Act, the **Town of Snow Lake** is hereby permitted to operate a **Waste Disposal Ground** to be known as the **Snow Lake Waste Disposal Ground** situated on part of **NW 9-68-17 WPM** to include **Parcels L and M of Plan No. 38264** in the Town of Snow Lake, Province of Manitoba.

THIS OPERATING PERMIT is subject to being AMENDED, SUSPENDED or REVOKED under section 7 of the Waste Management Facilities Regulation.

THIS OPERATING PERMIT is issued subject to the following TERMS AND CONDITIONS:

## **General Terms and Operating Conditions**

1. This permit expires on July 31, 2022.
2. The Operator shall submit an application to Crown Lands Branch, prior to March 1, 2020, to legally purchase or lease the land that the Facility is currently occupying that is not owned by the Operator. The Facility must have legal access to the land prior to December 1, 2020, and proof of authorization must be provided to the Director.
3. Prior to any additional construction activities on this site, proof of authorization for development from the Crown Lands and Property Agency or proof of land ownership must be provided to the Director.
4. The Operator shall, prior to March 31, 2020, submit to the Director, a plan complete with timelines for complying with the recommendations from the July 2013 Solid Waste Management Facility Assessment Report for the continued operation, waste containment and cell development for this facility or submit a closure plan for the Snow Lake Waste Disposal Grounds.
5. The Operator shall maintain and operate the Snow Lake Waste Disposal Ground (the Facility) in accordance with the most current version of the Waste Management Facilities Regulation (M.R. 37/2016) and this Operating Permit.
6. The Operator shall develop an Operations Manual detailing the operation and maintenance for this Facility in accordance with M.R. 37/2016. This manual should include but not be limited to a detailed list of waste and recyclable materials accepted, emergency and safety procedures, location where materials not accepted are diverted to, and active cell development, maintenance, cover and closure practices. The Operator shall provide the Manual to an Environment Officer upon request.
7. The Operator shall maintain a copy of the Operations Manual developed pursuant to M.R. 37/2016 and a copy of this Operating Permit at the Facility or where the Facility is managed.
8. The Operator shall obtain approval in writing from the Director for any proposed alterations to the Facility before proceeding with the alteration.

### **Site Access and Control**

9. The Operator shall restrict access to the Facility when site supervision is not provided, with a locked gate, barrier or other system approved in writing by an Environment Officer.
10. The Operator shall permanently and visibly mark or identify the legal property boundaries of the parcel that contains the waste disposal ground.

### **Materials Acceptance and Handling**

11. Materials collected for recycling or reuse must be segregated and temporarily stockpiled in clearly signed designated areas. These areas must be maintained to control weeds, vectors and quality of the materials. The Operator shall have the materials removed regularly or upon the request of an Environment Officer, within the timeframe specified.
12. The Operator shall remove any litter accumulated along the access road and around the perimeter of the site. Litter collection shall occur at minimum twice annually or as required by an Environment Officer.
13. The Operator shall only accept asbestos that is packaged in accordance with the current edition of Guidelines for an Asbestos Operations and Maintenance Program from Workplace Safety and Health Division. All asbestos shall be covered immediately with a minimum of 1 metre of material and the location for disposal shall be documented, provided to the Environment Officer and recorded in the Facility operation and maintenance plan, accessible to all operators.

### **Hazardous Wastes**

14. The Operator shall collect and dispose of hazardous waste in accordance with The Dangerous Goods Handling and Transportation Act, other Provincial and Federal Regulations.

### **Placement and Cover**

15. The Operator may use material other than soil for cover of the active area upon receiving written approval from the Director or Environment Officer.

### **Surface Water Management**

16. The operator shall develop and maintain a surface water drainage network to minimize water from entering active cells, recycling and storage areas.

### **Site Construction and Upgrading**

17. The Operator shall have all waste disposal cells, modifications or alterations designed by and construction overseen by a Professional Engineer.
18. The Operator shall, prior to initiating any construction at the Facility, submit two paper copies and one electronic copy of final engineering design plans, sealed by an engineer(s), to the Director. The plans will show the engineering details of each new or altered component and the location of each new or altered component with respect to other components.

19. The Operator shall construct the Facility in accordance with the design plans submitted to the Director pursuant to Condition 18 of this Permit and subject to any terms and conditions set by the Director.
20. Notwithstanding Condition 18, construction shall be subject to the following conditions:
  - a) the Operator must provide for testing of all clay liners and cut-off walls by a qualified consultant to confirm compaction is 95% Standard Proctor Density on maximum lifts of 150 mm; and
  - b) all active areas or leachate containment developed from or with clay must be constructed to achieve a hydraulic conductivity of not more than  $1 \times 10^{-7}$  cm/s with a minimum thickness of 1 metre perpendicular to the surface. If appropriate or sufficient clay is not available an alternative proposal must be submitted to the Director for written approval prior to construction.
21. The Operator shall arrange with the designated Environment Officer a mutually acceptable time and date for any required soil sampling between the 15th day of May and the 15th day of October of any year, unless otherwise approved by the Environment Officer.
22. The Operator shall take and test undisturbed soil samples from the following:
  - a) the clay of new waste disposal cell(s),
  - b) leachate ponds; and
  - c) any clay component of the Facility requiring testing by the Director.
23. The number and location of samples and test methods will be specified by the designated Environment Officer up to a maximum of twenty (20) samples per cell or clay component of the Facility.
24. The Operator shall, prior to operation of any area tested in accordance with Condition 22, receive the approval of the Environment Officer for the results of the tests carried out pursuant to Condition 22 of this Permit.
25. The Operator shall, within 120 days of the completion of construction of a new waste disposal cell submit "record drawings" along with a construction report to the Director. The construction report shall comprise, without being limited to the following, the engineer's inspection dates and notes, density measurements (for clay lined facility), updated site plan showing the new cell and monitoring well installation logs, locations and background water samples (if applicable).

#### **Burning of Specified Waste**

26. The Operator shall obtain a Permit to Burn as required under The Wildfires Act (W128) prior to igniting any fires at the Facility.
27. The Operator shall only burn separated and readily combustible materials such as boughs, leaves, loose straw, paper products, cardboard, non-salvageable untreated wood, and packing materials derived from wood, and only when there is an appropriate volume of this material. Plywood, composite board or other materials constructed with glues, finishes or preservatives must not be burned.
28. The Operator shall not burn any other products or materials; including but not limited to plastics, composites, rubber, manures, chemically treated fabrics, mattresses, finished furniture, or man-made synthetics.

**Sludge Drying Beds**

29. The operator shall, prior to July 31, 2020, submit to the Director, an application and supporting environmental assessment for an Environment Act Licence for continued operation or a closure plan for the Snow Lake wastewater sludge drying beds located at the waste disposal ground.
30. The Operator shall not allow discharge of effluent from the sludge drying beds.
31. The Operator shall maintain the sludge drying beds and the discharge apron into the beds such that the integrity of the structure is not compromised.
32. The Operator shall notify the Environment Officer prior to any additional sludge sources being accepted at the Facility.
33. In case of a physical breakdown or capacity issue of the sludge drying beds, the Operator shall:
- a) Notify the Director immediately;
  - b) Identify the repair or recourse proposed;
  - c) Undertake all repairs to stop the discharge(s); and
  - d) Complete the repairs in accordance with any written instructions of the Director.

**Revocation**

34. This Permit replaces Permit No. 5-011 Rev 3 which is hereby rescinded.

August 27, 2019



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Siobhan Burland Ross, M.Eng., P. Eng.  
Director  
The Environment Act