



Environmental Stewardship Division  
Environmental Approvals Branch  
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File: 11239

August 5, 2020

Gaylene Mischuk  
Park Regional Manager  
Manitoba Conservation and Climate  
Parks and Protected Spaces  
Box 2550  
The Pas, MB R3J 3W3

Dear Gaylene Mischuk:

**Re: Gyles / Iskwasum Waste Management Facility, Permit 2248 P1**

Enclosed please find the Permit for your waste disposal ground.

Please note that failure to comply with any condition of the Permit may result in prosecution pursuant to the Waste Management Facilities Regulation.

Pursuant to Section 27 of The Environment Act, this Permit may be appealed to the Minister of Conservation and Climate by any person who is affected by the issuance of this permit within 30 days of the date of issue.

In addition to the enclosed Permit requirements, please be informed that all other applicable federal, provincial and municipal regulations and by-laws must be complied with.

If you have any questions concerning the Permit or procedures, please call Cristal Huculak, Regional Supervisor in The Pas at (204) 620-5797 or via electronic mail at [Cristal.Huculak@gov.mb.ca](mailto:Cristal.Huculak@gov.mb.ca)

Please note that for Conditions under Site Construction and Upgrading of the Permit, the designated Environment Officer is Cory Graham of the Environmental Approvals Branch, who may be contacted at [Cory.Graham@gov.mb.ca](mailto:Cory.Graham@gov.mb.ca) or 204-250-7645.

Yours sincerely,

Shannon Kohler  
Director  
The Environment Act

c: Kristal Harman/Peter Crocker/Cristal Huculak, Environmental Compliance and Enforcement Branch  
Cory Graham, Environmental Approvals Branch

# Waste Disposal Ground Operating Permit



**Permit No: 2248 P1**

**Client File: 11239**

In accordance with the Waste Management Facilities Regulation, made under The Environment Act, **Manitoba Conservation and Climate, Parks and Protected Spaces** is hereby permitted to operate a **Waste Disposal Ground** to be known as the **Gyles / Iskwasum Waste Management Facility** situated at **NE 36-64-24 WPM** in the Grass River Provincial Park, 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, 2025.
2. The Operator shall maintain and operate the Gyles / Iskwasum Waste Management Facility (the Facility) in accordance with the most current version of the Waste Management Facilities Regulation (M.R. 37/2016) and this Operating Permit.
3. 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, fish waste handling and management practices, 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.
4. The Operator shall maintain a copy of the Operations Manual developed pursuant to M.R. 37/2016, a copy of the Waste Management Facilities Regulation, and a copy of this Operating Permit at the Facility or where the Facility is managed, accessible to all operators.
5. 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**

6. 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.

### **Materials Handling**

7. Unless otherwise approved in writing by an Environment Officer, the Operator shall allow only solid waste from the Grass River Provincial Park campgrounds, Simonhouse Bible Camp, Peterson's Reed Lake Lodge, and Grass River Lodge to be deposited at the Facility.
8. 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.

### **Hazardous Wastes**

9. The Operator shall not collect, store or dispose of hazardous waste at the Facility.

### **Placement and Cover**

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

### **Placement and Cover**

11. The Operator shall cover waste, at minimum, at the end of the operational season of the Facility each year or as approved by the Environment Officer.
12. The Operator shall take measures to confine all windblown waste to the active cell prior to application of the cover at the end of the season.
13. The Operator shall implement control measures to prevent attraction and sustenance of rodents and scavenging vectors.

### **Surface Water Management**

14. The site shall be constructed such that all uncontaminated surface water flows to the perimeter ditch and impacted water from all material storage areas shall be contained within the Facility boundaries.

### **Site Construction and Upgrading**

15. The Operator shall have all waste disposal cells, modifications or alterations designed by and construction overseen by a Professional Engineer.
16. 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.

17. The Operator shall construct the Facility in accordance with the design plans submitted to the Director pursuant to Condition 16 of this Permit and subject to any terms and conditions set by the Director.
18. Notwithstanding Condition 16, construction shall be subject to the following conditions:
  - a) the Operator must provide for testing of all clay liners 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.
19. 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.
20. 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.
21. 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.
22. The Operator shall, prior to operation of any area tested in accordance with Condition 20, receive the approval of the Environment Officer for the results of the tests carried out pursuant to Condition 20 of this Permit.
23. 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**

24. The Operator shall not allow burning at this Facility.

#### **Fish and Ash Waste Pits**

25. The Operator shall only accept fish and ash waste from the sites identified in Clause 7.

26. The Operator shall limit the excavation of the waste pit to 1 metre depth and no larger than 3 metres in diameter.
27. The Operator shall clearly mark the edges of the pit and post signs indicating that only fish and ash waste may be deposited in the pits (i.e. no plastics, metals or other materials) and a warning of the potential for harm if entering the pit due to the inconsistent materials present in the pits (i.e. drowning, submersion hazard).
28. The Operator shall close, maintain, upgrade, or establish a new Fish and Ash Waste Pit at the request of an Environment Officer in the timeframe specified by the request.

**Revocation**

29. This Permit replaces Permit No. 5-063 which is hereby rescinded.

August 5, 2020



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Shannon Kohler  
Director  
The Environment Act