



**Environment, Climate and Parks**

Environmental Approvals Branch  
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Registry File Number: 6000.00  
File No.: 3342

November 16, 2021

Dallas Braun, Chief Administrative Officer  
Rural Municipality of Thompson  
Box 190, Miami MB R0G 1H0  
[cao@rmofthompson.com](mailto:cao@rmofthompson.com)

Dear Dallas Braun:

**Re: Rural Municipality of Thompson- Waste Disposal Ground Permit No. 49461 P1**

Thank you for your proposal. Enclosed Permit No. 49461 P1 (permit) is issued to the Rural Municipality of Thompson to run the Thompson Waste Disposal Ground.

The Rural Municipality of Thompson must follow all permit requirements and federal, provincial, and municipal regulations and by-laws.

Anyone affected by the issuance of this permit may appeal the decision to the Minister of Environment, Climate and Parks. Appeals may be submitted in writing to the Minister at [minecp@leg.gov.mb.ca](mailto:minecp@leg.gov.mb.ca) by December 16, 2022.

If you have any questions about this approval, please contact Tyler Kneeshaw, Regional Supervisor, Environmental Compliance and Enforcement Branch at [EnvCEPortage@gov.mb.ca](mailto:EnvCEPortage@gov.mb.ca) or 204-239-3608.

Sincerely,

Original Signed by  
James Capotosto  
Director

Enclosure

c. Kristal Harman  
Yvonne Hawryliuk  
Tyler Kneeshaw  
Asit Dey  
Jay Mak  
Edwin Yazon  
Public Registry

# Waste Disposal Ground Operating Permit



File No. : 3342

Permit No.: **49461 P1**

Issue Date: **November 16, 2022**

Following the Waste Management Facilities Regulation under The Environment Act, the Rural Municipality of Thompson is hereby permitted to run the Thompson Waste Disposal Ground (facility) on portions of SW 30-5-6 WPM within the Rural Municipality of Thompson, Province of Manitoba. Schedule A of this permit identifies the facility.

This permit is subject to being amended, suspended, or revoked under sections 7 and 9 of the Waste Management Facilities Regulation.

This permit is issued subject to the following terms and conditions:

## **General Terms and Operating Conditions**

1. This permit expires on November 14, 2027.
2. The operator shall maintain and operate the facility following the Waste Management Facilities Regulation and any future amendments thereof, and this permit.
3. The operator shall obtain approval in writing from the director of the Environmental Approvals Branch before altering the facility.

## **Materials Acceptance and Handling**

4. The operator shall segregate materials collected for recycling or reuse, and shall temporarily stockpile these materials in clearly signed designated areas. These areas must be maintained to control weeds, vectors, and the quality of the materials.
5. The operator shall remove the materials identified in clause 4 of this permit regularly or upon the request of an environment officer, within the timeframe specified.
6. The operator:
  - a) may accept less than ten tonnes of dead animals from a single source or event at the facility provided that they are buried immediately with a minimum one metre cover or as approved by an environment officer;
  - b) may accept more than ten tonnes of dead animals upon receiving written approval from an environment officer; and
  - c) must handle dead animals when identified as specified risk material following the Canadian Food Inspection Agency requirements.

### **Hazardous Wastes**

7. The operator shall collect and dispose of any hazardous waste following The Dangerous Goods Handling and Transportation Act, and other federal, provincial, and municipal regulations.

### **Placement and Cover**

8. The operator may use material other than soil to cover the active area upon receiving written approval from the director or environment officer.

### **Surface Water Management**

9. The operator shall construct the facility such that all uncontaminated surface water flows to the perimeter ditch and impacted water from all material storage areas is contained within the facility boundaries.

### **Site Construction and Upgrading**

10. The operator shall have all waste disposal cells, modifications or alterations designed by and construction overseen by an engineer.
11. The operator shall, before beginning any construction at the facility, submit an electronic copy of final engineering design plans, sealed by an engineer, 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.
12. The operator shall construct the facility following the design plans submitted to the director following clause 11 of this permit and subject to any terms and conditions set by the director.
13. Notwithstanding clause 12 of this permit, 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 that 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 one 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 before construction.
14. The operator shall, unless otherwise approved by the designated environment officer, arrange with the environment officer a mutually acceptable time and date for any required soil sampling between the 15<sup>th</sup> day of May and the 15<sup>th</sup> day of October of any year.

15. 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.
16. The number and location of samples and test methods will be specified by the designated environment officer up to a maximum of 20 samples per cell or clay component of the facility.
17. The operator shall, before using any area tested following clause 15 of this permit, receive the approval of the environment officer for the results of the tests carried out following clause 15 of this permit.
18. The operator shall:
  - a) prepare record drawings of the facility and shall label the drawings "record drawings"; and
  - b) submit "record drawings" along with a construction report to the director within 120 days of the completion of construction of the facility. The construction report shall include the following:
    - i) the engineer's inspection dates and notes;
    - ii) density measurements (for clay lined facility); and
    - iii) updated site plan showing the new cell and monitoring well installation logs, locations, and background water samples (if applicable).

### **Burning of Specified Waste**

19. The operator shall only burn:
  - a) 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
  - b) only when there is an appropriate volume of materials as identified in clause 19(a).

### **Composting**

20. The operator shall not allow composting at the facility.

### **Monitoring and Reporting Requirements**

21. The operator shall collect, store, and analyze groundwater monitoring well samples using approved field and laboratory techniques for dissolved analysis. The analytical results shall be retained in a format acceptable to the director.
22. The operator shall sample the groundwater monitoring wells for those parameters identified in Schedule B of this permit once per year, or at a frequency approved by the director.

23. The operator shall submit an annual report, in a format acceptable to the director, detailing the sampling methodology, field observations and results of groundwater sampling analyses, complete with previous results and trends. The report shall be submitted annually to an environment officer no later than December 31 of each year.

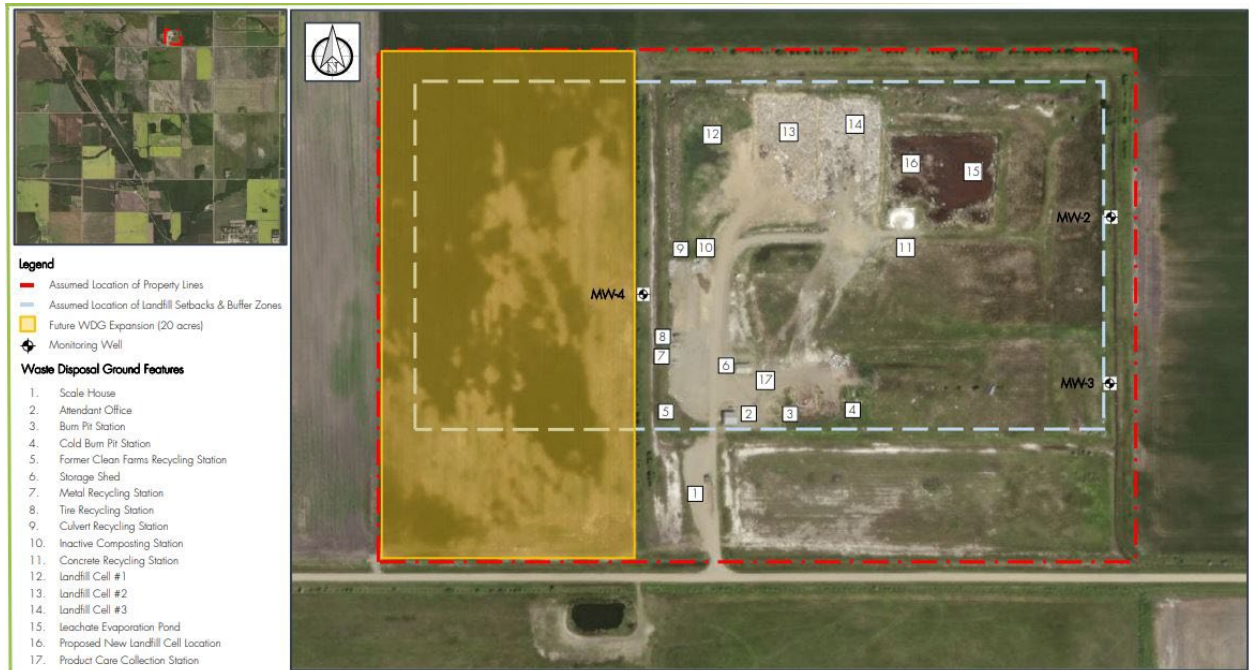
**Revocation**

24. This permit replaces Permit No. 49461, which is hereby rescinded.

Original Signed by  
James Capotosto  
Director

# Schedule A to Permit No. 49461 P1

## Facility layout



**Schedule B to Permit No. 49461 P1**  
**Groundwater chemistry parameters following clause 22 of this permit**

Chemical Parameters	
<b>Inorganics</b>	
Alkalinity – Total	Magnesium – Dissolved
Ammonia – Total	Manganese – Dissolved
Arsenic – Total	Mercury – Dissolved
Barium – Dissolved	Nitrate - Reported as N
Boron – Dissolved	Nitrite - Reported as N
Cadmium – Dissolved	Total Kjeldahl Nitrogen – Reported as N
Calcium – Dissolved	Total Phosphorous
Calcium Carbonate	Potassium – Dissolved
Chloride	Silicon – Dissolved
Chromium – Dissolved	Sodium – Dissolved
Conductivity	Total Dissolved Solids (TDS)
Copper – Dissolved	Sulphate
Iron – Dissolved	Uranium – Dissolved
Lead – Dissolved	Zinc – Dissolved
<b>Volatile Organic Compounds (VOC's)</b>	
BTEX	
<b>Other Organics</b>	
Biological Oxygen Demand (BOD)	Chemical Oxygen Demand (COD)
Dissolved Organic Carbon (DOC)	
<b>Field Parameters</b>	
pH	Groundwater Elevation
Conductivity	Dissolved Oxygen
Temperature	

Note: The director may revise this schedule. All dissolved samples should be filtered in the field and preserved in the field at time of sampling. The operator must notify the director and the laboratory for dissolved samples not filtered and preserved in the field.