



Environmental Stewardship Division
Environmental Approvals Branch
1007 Century Street
Winnipeg Manitoba R3H 0W4
T 204-945-8321 F 204-945-5229
www.gov.mb.ca

File No.: 61462

February 08, 2021

Tom Matus
Chief Administrative Officer
Town of Lynn Lake
PO Box 100
Lynn Lake MB R0B 0W0

Dear Tom Matus:

Re: Town of Lynn Lake Waste Disposal Ground, Permit 61899

Please find enclosed a permit for the Town of Lynn Lake 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 its issuance 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 on this matter, please contact
Cristal Huculak, Regional Supervisor, at Cristal.Huculak@gov.mb.ca or 204-620-5797.

Please note that for conditions under Site Constructions and Upgrading, the designated Environment Officer is Edwin Yazon of the Environmental Approvals Branch, who may be contacted at Edwin.Yazon@gov.mb.ca or 431-335-2254.

Yours sincerely,

Original Signed By Kristal Harman for

Shannon Kohler, Director
The Environment Act

cc: Kristal Harman, Yvonne Hawryliuk, Cristal Huculak - Environmental Compliance and Enforcement
Siobhan Burland Ross, Edwin Yazon - Environmental Approvals
Public Registries

Waste Disposal Ground Operating Permit



Permit No: 61899

Client File: 61462

In accordance with the Waste Management Facilities Regulation, made under The Environment Act, **The Town of Lynn Lake** is hereby permitted to operate a **Waste Disposal Ground** to be known as **The Town of Lynn Lake Waste Disposal Ground** situated on **SW ¼ Sec 8 and NW ¼ Sec 8 and NW ¼ Sec 5 of TWP 91 RGE 22 WPM** in The Town of Lynn 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 December 31, 2025.
2. The Operator shall maintain and operate The Town of Lynn Lake Waste Disposal Ground (the Facility) in accordance with the most current version of the Waste Management Facilities Regulation and this Operating Permit.
3. The Operator shall develop an Operations Manual detailing the operation and maintenance for this Facility in accordance with the Waste Management Facilities Regulation. 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.
4. The Operator shall maintain a copy of the Operations Manual developed pursuant to Waste Management Facilities Regulation and Clause 2 of this Operating Permit, and a copy of this Operating Permit at the Facility or at the premises from which the Facility is managed.
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 Acceptance and Handling

7. 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 quality of the materials.
8. The Operator shall remove the materials identified in Condition 7 of this Operating Permit regularly or upon the request of an Environment Officer, within the timeframe specified.
9. 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.
10. The Operator shall remove the domestic solid waste stream deposited at the Facility at minimum every thirty (30) days or at a frequency required by an Environment Officer, in order to prevent odours and attraction of vectors.
11. The Operator shall only accept asbestos that is packaged in accordance with the current edition of Guidelines for an Asbestos Operation and Maintenance Program from Workplace Safety and Health Division. All asbestos shall be covered immediately in accordance with the Guidelines 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.
12. The Operator shall receive written approval from an Environment Officer for any animal mortality disposed of at the Facility.
13. The Operator shall cover immediately any animal mortality approved in Condition 12 with a minimum one metre cover to prevent scavenging.

Hazardous Wastes

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

17. 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

18. The Operator shall have all waste disposal cells, modifications or alterations designed by and construction overseen by a Professional Engineer.
19. 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.
20. The Operator shall construct the Facility in accordance with the design plans submitted to the Director pursuant to Condition 19 of this Permit and subject to any terms and conditions set by the Director.
21. Notwithstanding Condition 19, 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 1×10^{-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.
22. 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.
23. 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.
24. 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.
25. The Operator shall, prior to operation of any area tested in accordance with Condition 23, receive the approval of the Environment Officer for the results of the tests carried out pursuant to Condition 23 of this Permit.

26. 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

27. The Operator shall obtain a Permit to Burn as required under The Wildfires Act prior to igniting any fires at the Facility.
28. 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.
29. The Operator shall not burn, other than those materials specified in Condition 28 of this Operating Permit, any products or materials including but not limited to plastics, composites, rubber, manures, chemically treated fabrics, mattresses, finished furniture, or man-made synthetics.

Monitoring and Reporting Requirements

30. Groundwater monitoring well samples shall be collected, stored and analyzed using approved field and laboratory techniques for dissolved analysis. The analytical results shall be retained in a format acceptable to Manitoba Conservation and Climate.
31. The Operator shall sample the groundwater monitoring wells for those parameters identified in Appendix A once per year, or at a frequency as approved by the Director.
32. 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 the designated Environment Officer no later than December 31 of each year.

Revocation

33. This Permit replaces Permit No. NE20080305REV1 which is hereby rescinded.

February 8, 2021

Original Signed By Kristal Harman for
Shannon Kohler, Director
The Environment Act

Appendix A Ground Water Chemistry Parameters

Chemical Parameters	
Inorganics	
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
Volatile Organic Compounds (VOC's)	
BTEX	
Other Organics	
Biological Oxygen Demand (BOD)	Chemical Oxygen Demand (COD)
Dissolved Organic Carbon (DOC)	
Field Parameters	
pH	Groundwater Elevation
Conductivity	Dissolved Oxygen
Temperature	

Note: This Appendix is subject to revision at any time by the Director.
 All metals (except Arsenic) are to be sampled for dissolved analysis.
 Dissolved samples should be filtered in the field and preserved in the field at time of sampling. If dissolved samples are not to be filtered and preserved in the field then the Director and the Laboratory must be notified prior to sampling.