

<b>Management of Waste Disposal Sites</b>	Policy	EHS3
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	Approval	Harvey Bostrom

## What is the policy?

Department policy states that each council should develop and maintain the management plan for waste disposal required by *Manitoba Environment Regulation 150/91*. This policy outlines the general conditions necessary for proper maintenance and upkeep of community Class 3 Waste Disposal Sites (population under 1,000). However, Manitoba Conservation may institute specific conditions on any license.

## Community responsibilities

### Proper Planning

- All waste disposal site plans should use the sites' fullest potential to avoid unnecessary reconstruction costs.
- All sites should have separate designated areas, above-ground, clearly identified with signs for:
  - bulky metallic waste only
  - combustibles only (trees, brush, discarded wood products, etc.)
  - tires only
- Each trench shall be designed for a minimum capacity of one year calculated waste and not more than two years capacity. (See Appendix EHS3-A)
- The balance of the area plan should include active sites comprised of slit trenches that can be opened and closed uniformly. (See Appendix EHS3-A)

### General Operation

- The following maintenance schedule details minimum requirements. In some cases, communities contract out waste disposal site maintenance and cover the trench at more frequent intervals. This practice is quite acceptable.

## **Annually**

- The practice of burning is prohibited unless approval is received from the regional office of Manitoba Conservation. Wherever possible, one trench per year shall be constructed and the previously dug trench covered preferably in late spring or early summer. A minimum of 0.15 metres of earth shall be used to cap the full trench. This material can come from the trench to be opened.

## **Semi-Annually**

- Once each spring and once each fall or more frequently if required by Manitoba Conservation, a general cleanup must be undertaken to confine solid waste as far as is practical to the smallest area within the active site (slit trench). Solid waste must be covered with at least 0.15 metres of earth.
- Each slit trench/active area shall have (See appendix EHS3-A - Diagram B):
  - at least 1 meter of clay on the sides and bottom;
  - 10 meter width at the bottom;
  - have side slopes of 1 metre to every 1 metre of depth;
  - maximum depth of 2.5 metres (wherever possible);
  - fencing enclosure at least 1 meter high 13 gauge chain link on pressure treated wood posts or metal poles;

## **Perimeter Fencing and Area**

- The perimeter of the waste disposal site shall be fenced with a minimum of 1.5 metres high - 13 gauge chain link fence on pressure treated wood fence posts spaced 3.6 metres apart, with top tension wire (9 gauge galvanized wire). The site may be enclosed using a gate; however, access should be allowed in the perimeter fence for carnivorous animals that would otherwise destroy the fence if access was completely restricted. A clean-cut area of 15 metres from the fence to the bush (if any) shall be maintained and at least 30 metres from adjoining property lines. See Appendix EHS3-A, - Diagram C.

## **Other information**

- Appendix EHS3-A
  - Criteria for Designing Garbage Disposal
  - Diagram of Site Plan
  - Diagram of Typical Waste Pit Cross Section
  - Diagram of Typical WDS Perimeter Fence