# What are landfills?

**Landfill Processes**

The landfill is the most economical form of solid waste disposal that reduces adverse environmental effects. Landfills cannot be built in environmentally-sensitive areas, and they are placed using on-site environmental monitoring systems. These monitoring systems check for any sign of groundwater contamination and for landfill gas, as well as provide additional safeguards.

**What Are the Four Types of Landfills?**

1. Municipal Solid Waste Landfills.
2. Industrial Waste Landfills.
3. Hazardous Waste Landfills.
4. Green Waste Landfills.

**Technical protection system:**

- Isolation of the landfill with protective and closing layers

- keeping off the rain and underground water from the waste.

- Collection and treatment of leachates.

- Construction and operation of monitoring system.

- Covering, closing of the dump.

**The following wastes may not be accepted in a landfill:**

* Liquid waste.
* Flammable waste.
* Explosive or oxidizing waste.
* Hospital and other clinical waste which is infectious.

 

 **Land filling system**