

Marwareed Umer

Batch : 08-047

Assignment #3. Land fill method of garbage disposal.

Introduction:

In the landfill method of waste disposal, a huge pit is made in an open low-lying area, usually away from the places where people reside. The wastes is collected in the huge trucks and dumped into the pits. Once the pits are full, they are covered with soil and left for decomposition.

Types:

- 1- Municipal solid waste landfills:-
 - accept household as well as other wastes.

Explains:

2. Managed Landfills:-

- composed mainly of cleanfill
- construction and demolition waste with light containment.

3. Construction and demolition Landfills:-

- construction and demolition materials such as wood product, plasterboard, ~~ex~~ insulations and others are disposed to land.

4. Cleanfills:-

- the material that when buried have no adverse effect on people or environment.

- It includes:

- natural materials (e.g: clay, soil and rock).

- inert materials (e.g: concrete or bricks that are free of hazardous substances.)

5. Industrial Landfills.

- accepts specified industrial wastes.

Purpose of garbage Landfills:-

Modern Landfills are well-engineered and managed facilities for the disposal of solid waste. Landfills are located, designed, operated and monitored to ensure compliance with federal regulations. They are also designed to protect the environment from contaminants, which may be present in the waste stream.

Advantages of Landfills

- Excellent source of energy.
- Modern Landfills are Eco-friendly
- Keep cities, towns and districts clean.
- Keeps Hazardous Waste Segregated
- Landfills are cheap
- Support jobs and local business.