

landfilling — (1) The objective of the landfill design to provide for safe disposal of waste while protecting the environment.

(2) Environmental receptors to be protected include soil, groundwater, surface water.

(3) Advantage of landfilling over open dumping —

(1) Landfills are generally located in urban area, where a large amount of waste is generated and has to be dumped in a common place.

(2) Unlike an open dump it is a pit that is dug in the ground.

(3) At the end of each day, a layer of soil is scattered on top of it thus preventing the breeding of flies and rats and some mechanism is used

to compress the garbage which now forms a cell.

- ④ After the landfill is full the area is covered with a thick layer of mud and the site can thereafter be developed as a parking lot or park.