

DESIGN OF AN OPTIMIZED SANITARY LANDFILL

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ABSTRACT

Sanitary landfill is an excavated trench where garbage are dumped, compacted and covered with a thin layer of soil. It is a very efficient way of disposing garbage. However, their establishment is being prevented by fears of air and groundwater pollution and spread of disease by insects inhabiting the sanitary landfill.

A good way to dispose garbage is to construct a compost pit, where garbage can be dumped. However, in big towns and cities, garbage can be collected using trucks and dumped in a sanitary landfill or dumpsite. It is what this project is all about.