Introduction

Engineered landfills is one of the primary disposal method for low-level radioactive and Municipal Solid Waste. Closure of municipal solid waste landfills by cap or cover systems minimizes the long-term migration of leachate through landfills, restricts upward migration of gases from the waste material, and provides a safe environment for inhabitants near the landfill site.

Impermeable layer can be made up of either locally available clays or soil mixed with various admixtures or geomembrane or GCL i.e., the combination of above.