

Section-2

Q2 Describe the site selection criteria of Sanitary landfill.

⇒ The site selection criteria of sanitary landfill are

- ① Land area and volume should be sufficient enough to provide landfill capacity so that the projected need can be fulfilled for several years.
- ② The land site should not be at location where suitable buffer zone between landfill site and population are not available.
- ③ The landfill area having steep gradient should not be selected.
- ④ The water level in groundwater table should be sufficient below the base of any excavation to enable landfill development.
- ⑤ Public and Private Irrigation water supply wells should be away from the boundaries of landfill site because these supply wells will be at risk of contamination.

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6) No major power transmission or other infrastructure like sewer, water supply lines should be crossing through land fill developmental area.