

## **Selection of Dam Site**

The selection of Dam site for constructing a dam should be governed by the following factors.

1. Suitable foundation must be available.
2. For economy, the length of the dam should be as small as possible, and for a given height, it should store the maximum volume of water.
3. The general bed level at dam site should preferably be higher than that of the river basin. This will reduce the height of the dam.
4. A suitable site for the spillway should be available in the near vicinity.
5. Materials required for the construction of dam should be easily available, either locally or in the near vicinity.
6. The value of land and property submerged by the proposed dam should be as low as possible.
7. The dam site should be easily accessible, so that it can be economically connected to important towns and cities.
8. Site for establishing labor colonies and a healthy environment should be available near the site.