

Department : Civil

Year : 2016-2017

Group No: 6

Guided By

**PROF. UTKARSH
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Project Title

CHECKING THE PROPOSAL OF DAM ON WAKAL BASIN

Abstract:

Dam is an important way of water-resources utilization in large rivers. Dam construction has played significant roles in flood control, irrigation, navigation, and energy supply; however, the enormous negative effects, such as landslides, ecological problems, and water quality decline, could surpass positive gains. In these days, the water has become the most important need of everyone. In the monsoon season, there is over amount of water. Because of no facility of storage of water, this amount of water is being wasted. On the other side, in the summer season, there is no water for daily use only. So, our main concept for this project is to give better storage system of water to all villagers and to keep water in storage & use it in every season. The present study aims to design the dam proposed on Wakal river basin. The suitable dam site & its healthy catchment is very helpful in putting the reservoir. The dam site has rocky foundation which is suitable & gravity dam. To control flood, Gravity dam may be preferred. Various other observation will be carried out in future in addition the perform tests. Analysis of flood magnitude has been done using rational method, Empirical formulas, Geological surveys & by software various analysis has been done.

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