

KDK COLLEGE OF ENGINEERING, NAGPUR

Department of Civil Engineering

Session 17 - 18

Semester VI

ASSIGNMENT NO. 2

Subject:- Environmental Engineering II

1. Draw a layout of a conventional sewage treatment plant & state function of each unit.
2. Design a circular sewage sedimentation tank for a town having population of 40,000. The average water demand is 140 lpcd. Assume that 70% water reaches at the treatment unit and the maximum demand is 2.7 times the average demand.
3. With the help of neat sketch, explain the activated sludge process.
4. Explain the meteorological factors influencing the air pollution