

ESTIMATION OF ENVIRONMENTAL PROJECTS

Paper Code: ETEN-452

Paper: Estimation of Environmental Projects

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List of Experiments:

1. Detailed Estimate (Duration and Cost) for Sanitary and water supply works of two storey buildings.
2. Detailed Estimate for following projects:-
 - (a) Septic Tank with soak pit.
 - (b) Sanitary pit Latrine
 - (c) Manhole
 - (d) Surface Drain Sanitary Fittings.
 - (e) Sewer line
 - (f) Draining Scheme
 - (g) Water Supply Scheme
3. Estimation of water Treatment plant for the population of the City 10 Lakhs.
4. Estimation of Sewage Treatment plant for the 100mgD with sludge digestine Tank and its gas
5. Design and Estimation of Landfill site for MSW of 2000 TPD.
6. Estimation of CETP for the capacity of 25MLD for Dye/Textile/Tannery industry.
7. Estimation of ECSandETP for pulp and Paper/Tannery of 100 TPD.

Text Books and Suggested Readings:

- 1 B.N.Dutta – “Estimating and Costing in Civil Engineering”.
- 2 Delhi Schedule Rates (C.P.W.D.)

NOTE:- At least 8 Experiments out of the list must be done in the semester.