

DEPARTMENT OF CIVIL ENGINEERING
NIT SRINAGAR

Mtech 3rd Semester Civil (WRE) WATER QUALITY AND ENVIRONMENT

Tutorial Sheet--4

1. In a tabular form, list down the water quality parameters (as per codal requirement the various water quality standards for the following uses:-
 - (A) Potable Water
 - (B) Industrial use (Paper, Chemical, Steel, Agriculture and municipal Use)
 - (C) Food Processing Industry.
2. List various causes of disappearance of Lakes. List the various challenges faced in the case of **Dal Lake**.
3. List down the various characteristics of Ground Water.
4. Highlight the various sources of pollution to ground water. How can it be prevented.
5. Draw and explain the oxygen sag curve. How can re aeration be achieved by natural and artificial means. Suggest remedial measures for the Dal Lake.