

### Clause 2.2.8

The Environmental Hygiene Committee suggested certain optimum service levels for communities based on population groups. In the Code of Basic Requirements of Water Supply, Drainage and Sanitation as well as the National Building Code, a minimum of 135 lpcd has been recommended for all residences provided with full flushing system for excreta disposal. Though the Manual on Sewerage and /sewage Treatment to conserve water, a minimum of 135 lpcd is now recommended.

It is well recognized that the minimum water requirements for domestic and other essential beneficial uses should be met through public water supply. Other needs for water including industries etc. may have to be supplemented from other systems depending upon the constraints imposed by the availability of capital finances and the proximity of water sources having adequate quantities of acceptable quality which can be economically utilized for public water supplies.

Based on the objectives of full coverage of urban communities with easy access to potable drinking water in quantities recommended to meet the domestic and other essential non-domestic needs, the following recommendations are made:

#### a. Domestic and non-domestic needs

The recommended values for domestic and non-domestic purposes are given in Table

Recommended Per Capita Water Supply Levels for Designing Schemes

Sl. No.	Classification of towns/cities	Recommended Maximum Water Supply Levels (lpcd)
1.	Town provided with pipes water supply but without sewerage system	70
2.	Cities provided with piped water supply where sewerage system is existing / contemplated	135
3.	Metropolitan and Mega cities provided with piped water supply where sewerage system is existing contemplated	150

#### Note:

- (i) In urban areas, where is provided through public standposts, 40 lpcd should be considered;
- (ii) Figures exclude "Unaccounted for Water (UFW)" which should be limited to 15%
- (iii) Figure include requirements of water for commercial, institutional and minor industries. However, the bulk supply to such establishments should be assessed separately with proper justification.