

Considering draft notification on Reverse Osmosis, the Primary aim should be to Persuade authorities to upgrade and supply BIS standard water at the consumer's end. Examine!

Environment ministry recently ban the use of Membrane based water Purification systems, it Primarily concerns the manufacturers of Reverse Osmosis (RO) water filters and effectively bars domestic users from installing RO systems.

Issue

The ban followed by National Green Tribunal (NGT) order, it prohibited the use of RO Purifiers in places where total dissolved solids (TDS) in supplied water below 500mg Per litre. NGT directed Environment ministry to ensure RO systems manufacturers lower the Percentage of water wasted and enhance water recoverable ratio, and limit the recovery rate at 75%.

RO water filters Apart from wastage of water deprived drinking water of essential salts, it is major finding by NGT.

Implications of Bureau of Indian Standards in water quality

DBIS, ranked several cities on water supply quality, mumbai tops the list and delhi at bottom end.

DBIS water quality Voluntary for Public agencies but mandatory for bottled water producers.

Challenges towards good water supply

- > India ranked 120th among 122 countries in water Aids quality index
- > Ban Po is against the choices of masses on the means to ensure Potable water supply
- > According to NITI Aayog's Composite Water Management index more than 70% water supply in India Contaminated.

Positive Outcomes of the Move

- 1) Advise People that RO water is not 100% safe and contain all nutrients as natural water
- 2) Advise the RO manufacturers about 'importance of Water Conservation, and make a Competition Among themselves to develop a new system ^{or technology} with less water wastage and more recovery of water without deplete the nutrients in natural water.

Move of NRI and Central ^{Government} ~~Government~~ is appreciable, but to adopt a new technology it takes time, then Government should provide some relaxation time along with support to firms for developing efficient water purification technologies. The RO manufacturers need a multinational support in this regard and recent usage of Nano technology in water purification measures is a welcoming one.