

## Identified Water related challenges

S. No	Water Challenges
1.	Low per capita availability
2.	Quality deficit of available water for specified uses
3.	Geological contamination through arsenic
4.	Contamination through fluoride
5.	Contamination through iron
6.	Contamination through multiple species
7.	Biological contamination
8.	Alkali metal ion salinity
9.	Alkaline earth metal salt salinity and hardness
10.	Storage capacity for seasonally available water
11.	Surface run-off on account of nature of geological terrain
12.	Water body disuse
13.	Mismatched rates withdrawal and recharging capacity
14.	Non-optimal use of water in agriculture
15.	Non-optimal use of water in industrial sector
16.	Unplanned water use and demand
17.	Contamination of water on account of pesticide and other use-derived residues
18.	Deficit of assurance for drinking water quality
19.	Sea water intrusion in coastal areas
20.	Evaporation loss from water bodies
21.	Improved water cycle management
22.	Reject management from water related technologies
23.	Water winning and mining in water starved areas
24.	River flood management and
25.	Wetland management
26.	Any Others