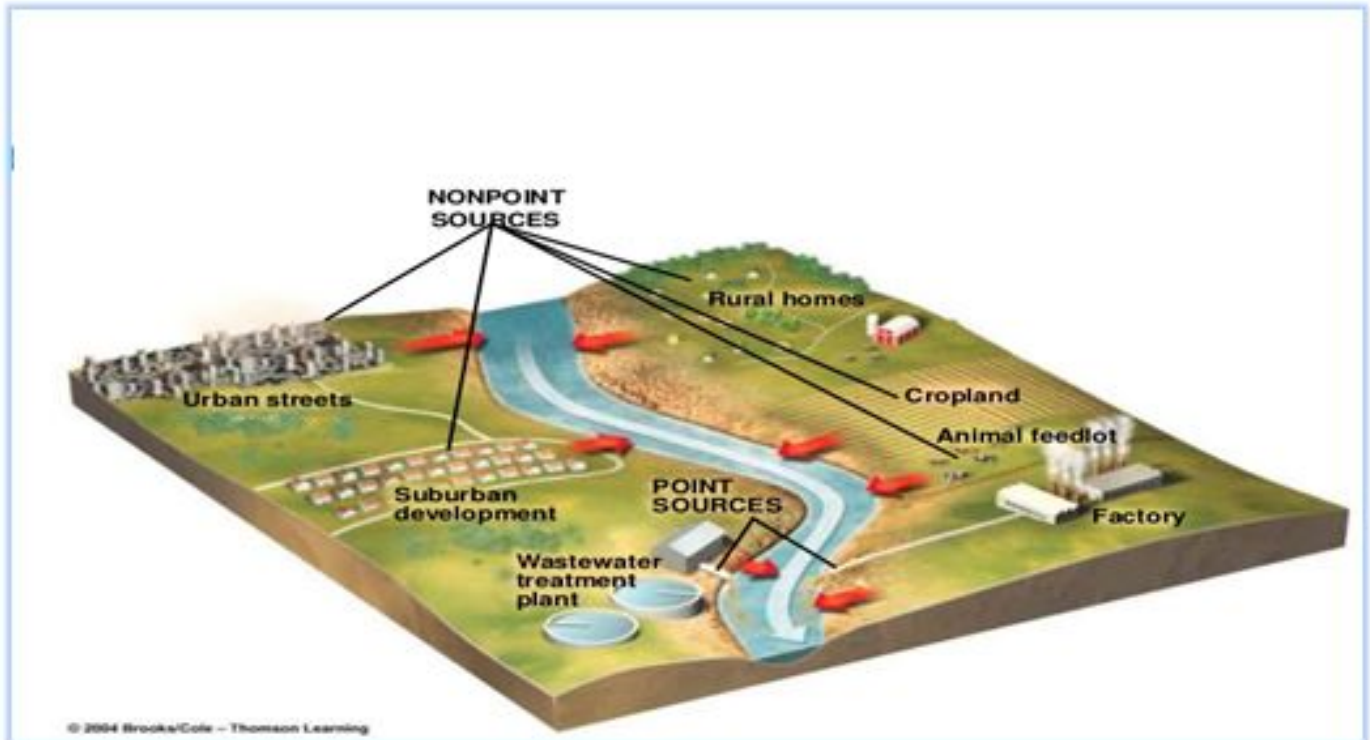


## Water Pollution

### SOURCE OF WATER POLLUTION



Source: 2004 Brookes/Cole- Thomson Learning

#### Point Source:

Any single identifiable source of pollution from which pollutants are discharged, such as a pipe, ditch, ship or factory smokestack. (Hill, 1997)

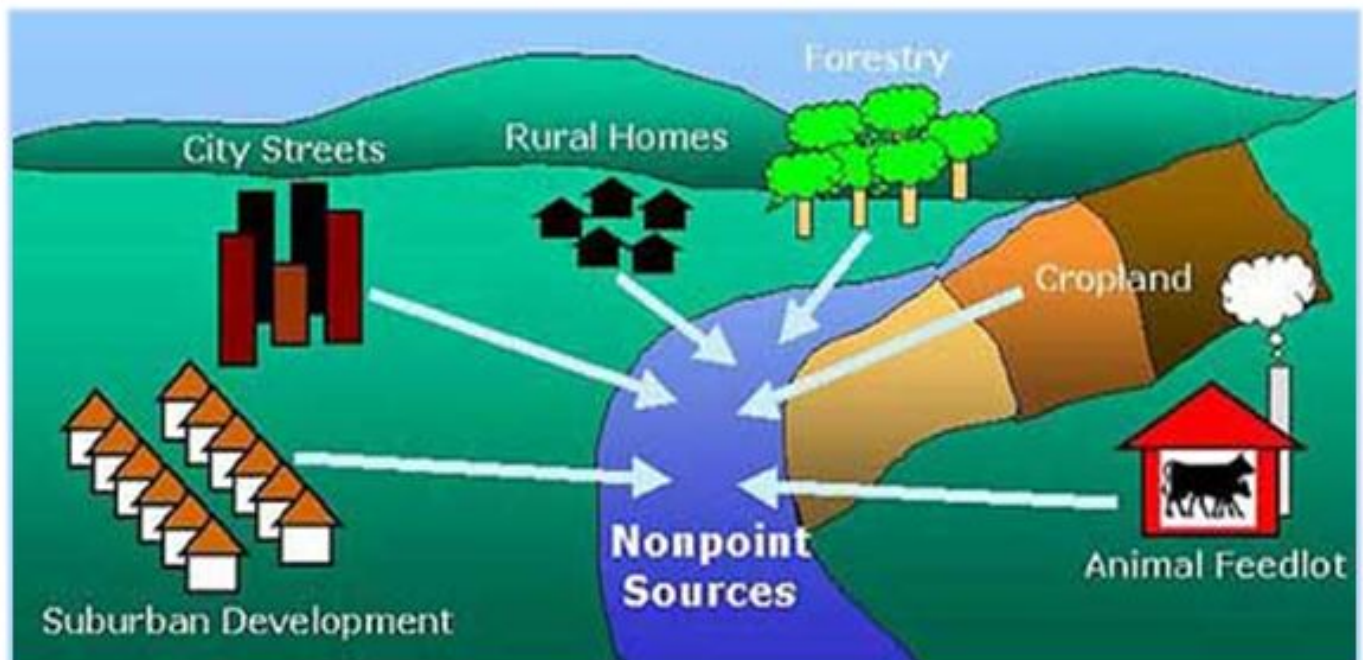
Industrial waste water from factories



Effluent from Wastewater Treatment Plant



### Non-Point Source:



(Source: US Dept of Commerce: NOAA Ocean Service Education)

Runoff from Urban and Peri-Urban Areas

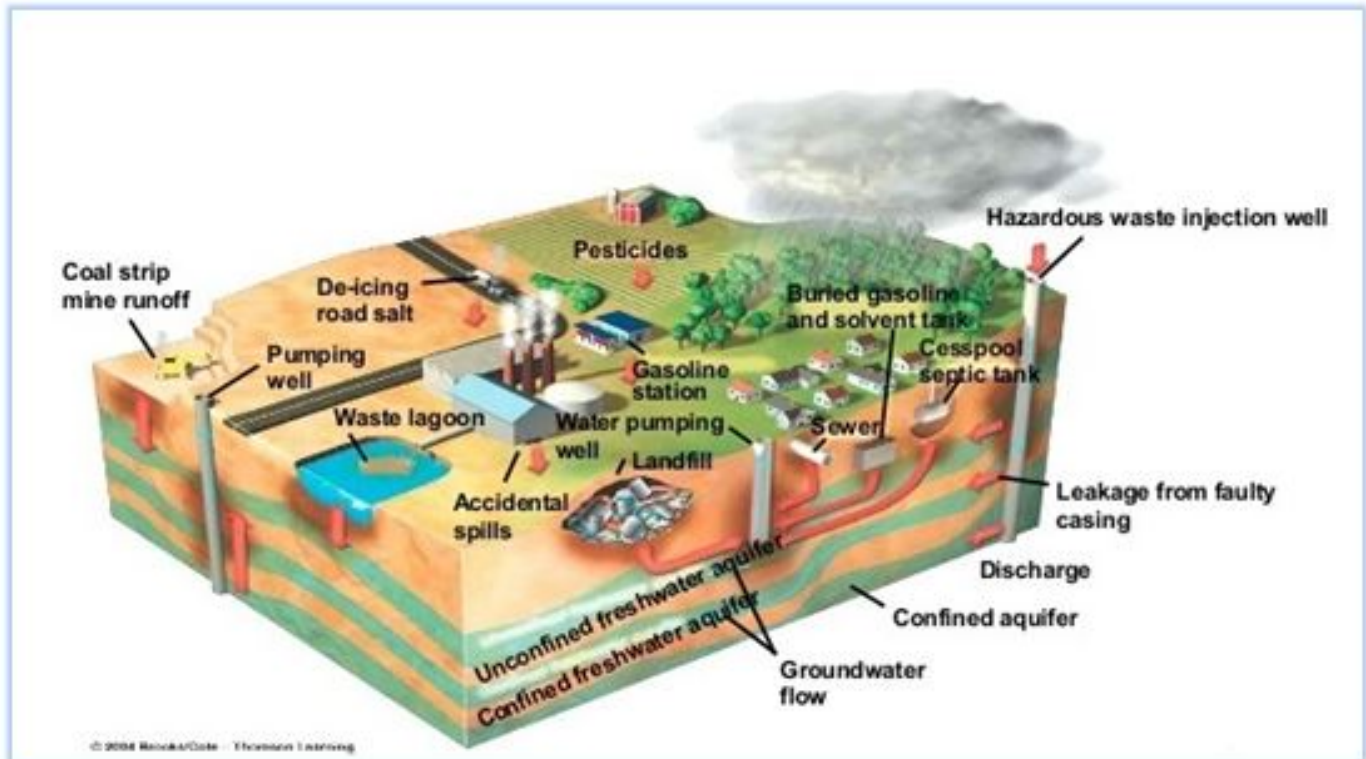




Agricultural wastewater



## GROUNDWATER POLLUTION

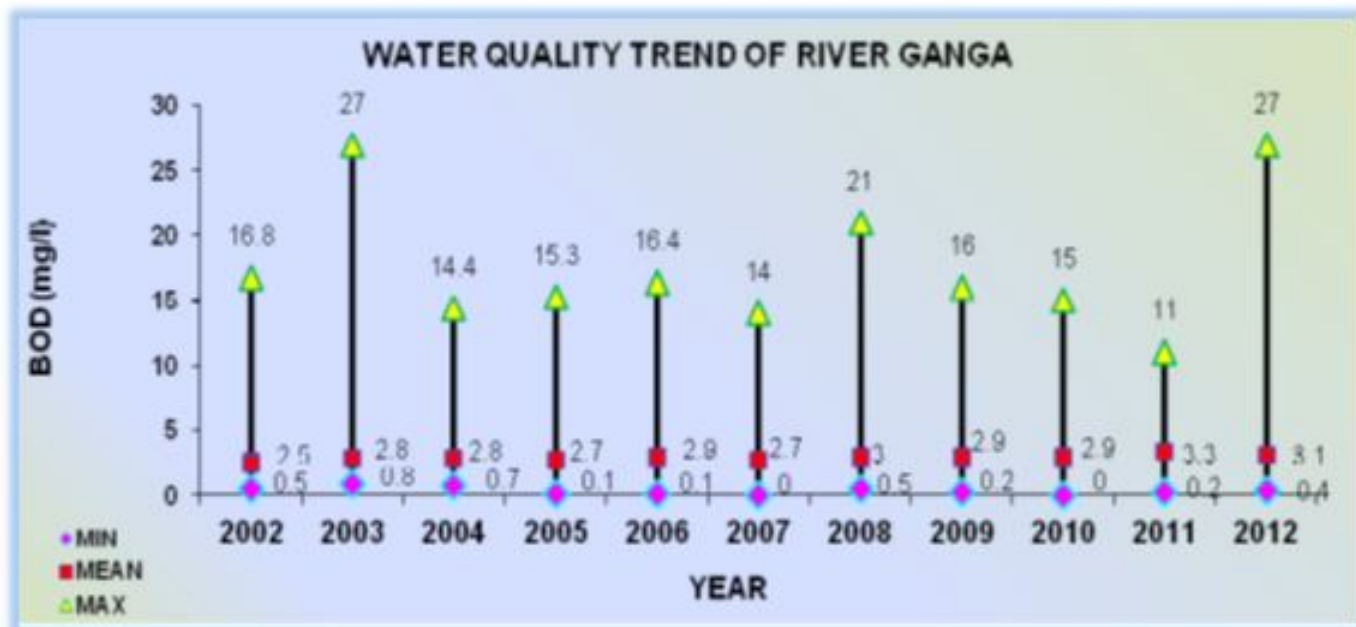


Source: 2004 Brooks/Cole- Thomson Learning

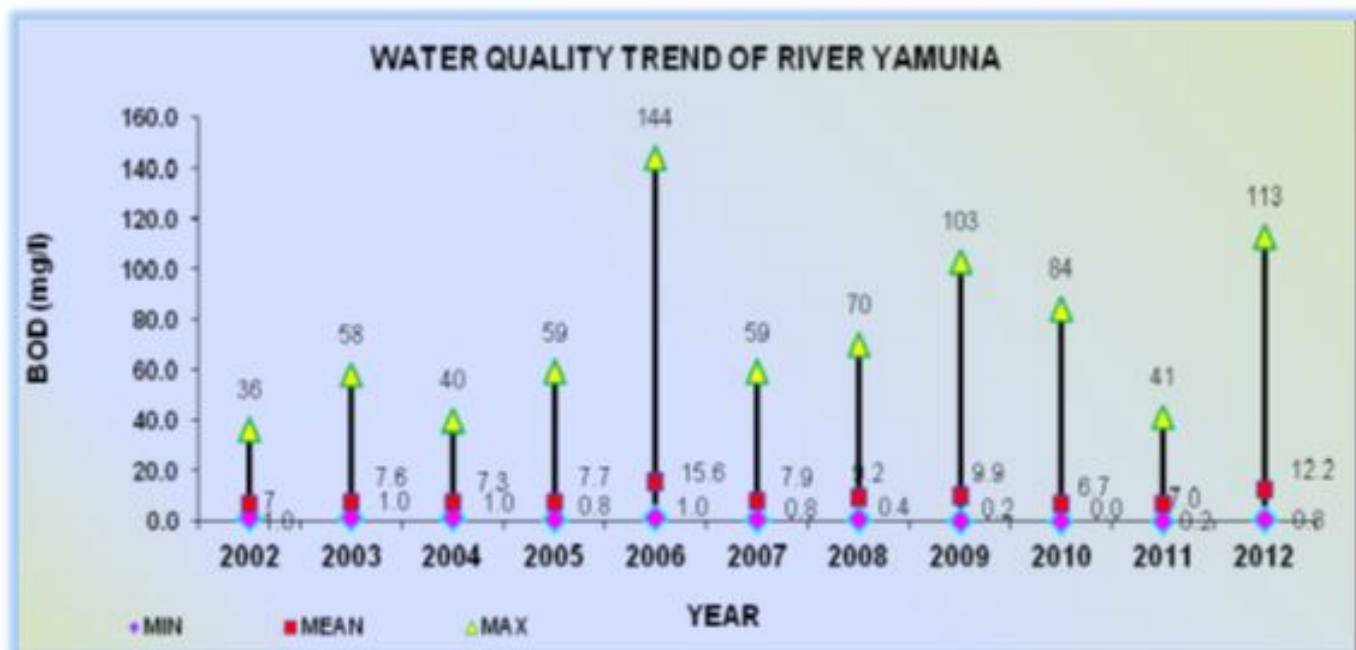
## **WATER QUALITY STATUS IN MAJOR INDIAN RIVERS**

Usually BOD5 measurements in rivers give an idea how polluted a river is.

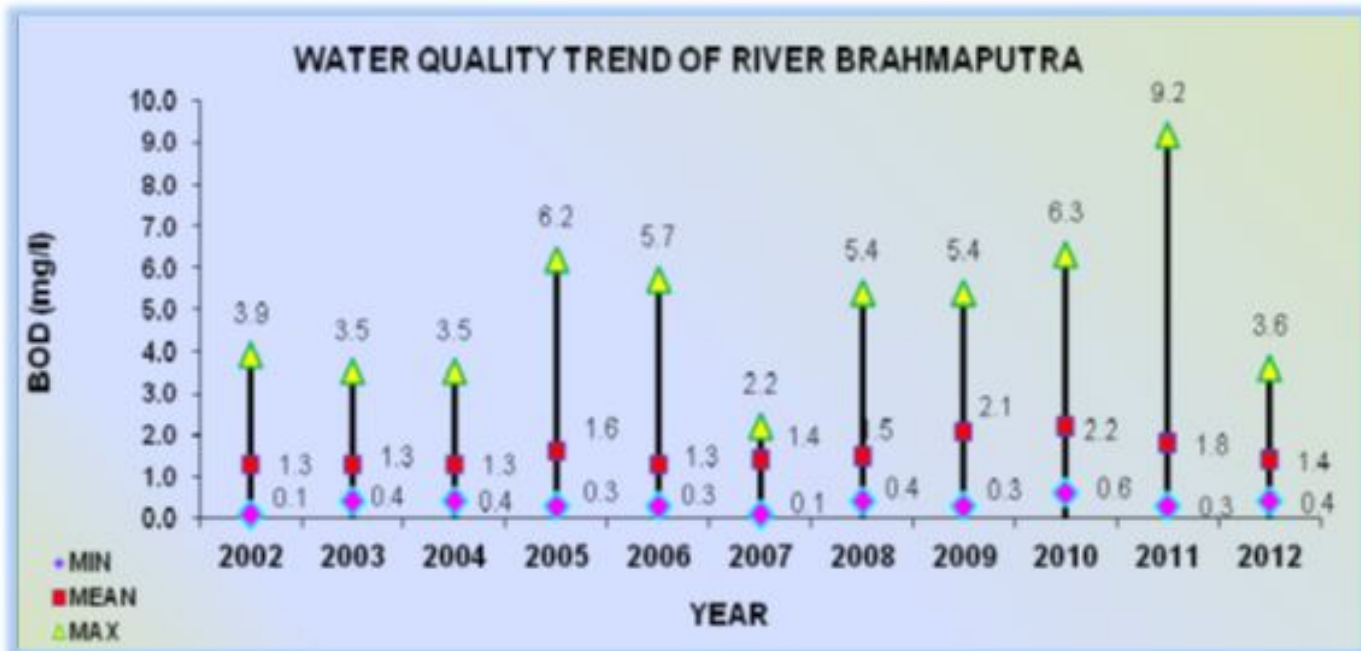




Source: Water Quality Status Report 2012, CPCB



Source: Water Quality Status Report 2012, CPCB



Source: Water Quality Status Report 2012, CPCB

### Measures to Control Water Pollution

Treatment of wastewater essential before discharging in rivers



Judicious use of pesticides and fertilisers in agricultural fields





It will prevent nitrate contamination and eutrophication in lakes

Use of Nitrogen fixing plants instead of fertilisers



It will prevent nitrate contamination and eutrophication in lakes

Integrated Pest Management



Separate drainage of sewage and rainwater



Plantation of Trees





Next Chapter >>  
**Laws and legislations**