

WATER POLLUTION

Water Pollution - caused by different kinds of Water impurities.

1. Natural impurities-

Comprises of

- i. Dissolved gasses - Nitrogen, Carbon dioxide, Hydrogen sulphide
- ii. Dissolved minerals - salts of Calcium, Magnesium, Sodium
- iii. Suspended impurities - Clay, Silt, Sand & Mud
- iv. Microscopic

organisms

- 2. Water pollution caused by human activities

- i Urbanization & Industrialization

- ii. Sewage- Contain Organic matter & Pathogenic agents

- iii. Industrial waste- Contains toxic agents like Metal salts • Most common cause of pollution of drinking water

- iv. Agricultural pollutants- Fertilizers & Pesticides

- v. Physical pollutants- Heat & Radioactive substances

- - Indicators of Water

pollution

- Total Suspended Solids
- Biochemical Oxygen Demand (BOD)
- Concentration of Chlorides, Nitrogen & Phosphorus
- Water Pollution Law - Water (Prevention & Control of pollution) act 1974