

Tenden Heart High School

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Chapter 15

Pollution - Types and Sources

Water pollution

It is the contamination of water due to the presence of pollutants in water that are harmful for aquatic plants, Animals and also humans.

Sources of Freshwater Pollution

① Natural Sources

The natural substances that pollute water are gases, Animal waste, plant waste, nickel, cobalt, lead, Mercury, etc.

② Human Sources

(a) Sewage and Domestic waste

- Man uses water for drinking, watering, bathing, cleaning etc with having no proper infrastructure to dispose of this waste, this contaminated water is poured into our water bodies affecting the marine life.
- When domestic waste including detergents and fertilizers were released in nearby waterbodies. It resulted in growth of algae in waterbody, which is referred as Eutrophication, due to this the fishes and aquatic animals and plants face problem.

(b) Industrial Waste:

- Most Industries release chemical like chlorides, Sulphides, carbonates, Nitrates, Zinc, Mercury, copper etc in rivers or in other water bodies. This becomes harmful for Aquatic Organisms and Humans.
- Moreover, Sewage generated by Industries get into water and also pollutes the water resulting in introduction of large pollutants into marine ecosystem.