

WATER CONDITION OF DHAKA CITY



Some pictures of polluted water of Dhaka





WAY OF WATER POLLUTION OF DHAKA

- **Industrial Waste**

industry is the greatest source of pollution, accounting for more than half the volume of all water pollution and for the most deadly pollutants

WAY OF WATER POLLUTION OF DHAKA

- Oil Pollution

Nowadays all boats use engine and engine needs oil. That oils are released in water after it's use



WAY OF WATER POLLUTION OF DHAKA

- **Chemical Waste**

Inorganic water pollutants include **inorganic salts, mineral acids, metals, trace elements**, metal compounds etc are released in water

WAY OF WATER POLLUTION OF DHAKA

- Fertilizer Run-Off

Fertilizers used in agriculture are a significant source of nutrient **pollution** to water. In fact, nitrogen and phosphorus runoff from agricultural fields are some of the largest sources of pollution to coastal “dead zones” across the Dhaka.

WAY OF WATER POLLUTION OF DHAKA

- Drain Water Mixed

The drain water besides our roads, goes to river and mixed with river water



WAY OF WATER POLLUTION OF DHAKA

- Human Waste

The bacteria in human waste, such as *E. coli*, **can infect the water and cause disease**

EFFECT OF POLLUTED WATER

- Diseases
- Destruction of Ecosystems
- Eutrophication
- Effects the food chain

IMPROVEMENT OF THE CONDITION WATER

- Save Water
- Better treatment of sewage
- Use environmentally friendly products

Slide 1:

Here I am Asad. My topic for presentation is "Water Condition of Dhaka. 1- How the water of Dhaka is polluted? 2- Effects of polluted water. 3- How to improve the condition of water."

Water pollution is the release of substances into bodies of water that makes water unsafe for human use and disrupts aquatic ecosystems.

Slide 2:

Here is some picture of Dhaka city's water which is polluted.

Slide 3:

Water can be polluted by many ways.

Firstly, industry is the greatest source of pollution, accounting for more than half the volume of all water pollution and for the deadliest pollutants

Slide 4:

Secondly, water is polluted by oil waste. Nowadays all boats use engine and engine needs oil. That oils are released in water after its use.

Slide 5:

Thirdly, Inorganic water pollutants include inorganic salts, mineral acids, metals, trace elements, metal compounds etc. are released in water

Slide 6:

And then, fertilizers used in agriculture are a significant source of nutrient pollution to water. In fact, nitrogen and phosphorus runoff from agricultural fields are some of the largest sources of pollution to coastal "dead zones" across the Dhaka.

Slide 7:

Water pollution also happened by Drain Water. The drain water besides our roads, goes to river and mixed with river water.

Slide 8:

Water also polluted by human waste. The bacteria in human waste, such as E. coli, can infect the water and cause disease.

Slide 9:

Polluted water has many effects.

- **Diseases:** In humans, drinking or consuming polluted water in any way has many disastrous effects on our health. It causes typhoid, cholera, hepatitis and various other diseases.
- **Destruction of Ecosystems:** Ecosystems are extremely dynamic and respond to even small changes in the environment. Water pollution can cause an entire ecosystem to collapse if left unchecked.
- **Eutrophication:** Chemicals in a water body, encourage the growth of algae. These algae form a layer on top of the pond or lake. Bacteria feed on these algae and this decreases the amount of oxygen in the water body, severely affecting the aquatic life there.
- **Effects the food chain:** Disruption in food chains happens when toxins and pollutants in the water are consumed by

aquatic animals (Fish, shellfish etc.) which are then consumed by humans.

Slide 10:

- **Save Water:** Conserving water is our first aim. Water wastage is a major problem globally and we are only now waking up to the issue. Simply small changes you can make domestically will make a huge difference.
- **Better treatment of sewage:** So treating waste products before disposing of it in a water body helps reduce water pollution on a large scale. Agriculture or other industries can reuse this wastewater by reducing its toxic contents.
- **Use environmentally friendly products:** By using soluble products that do not go on to become pollutants, we can reduce the amount of water pollution caused by a household.