



River pollution and sewage treatments

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Source of Pollution:-

Sewage - 1.3 billion liters per day
Industrial waste- 260 million liters
Municipal sewage - 80 per cent by volume
The total waste dumped into the Ganga -15 per cent



About 50,000 bacteria per 100 milliliters of water, 10,000% higher than the government standard for safe river bathing.

Major Diseases:-

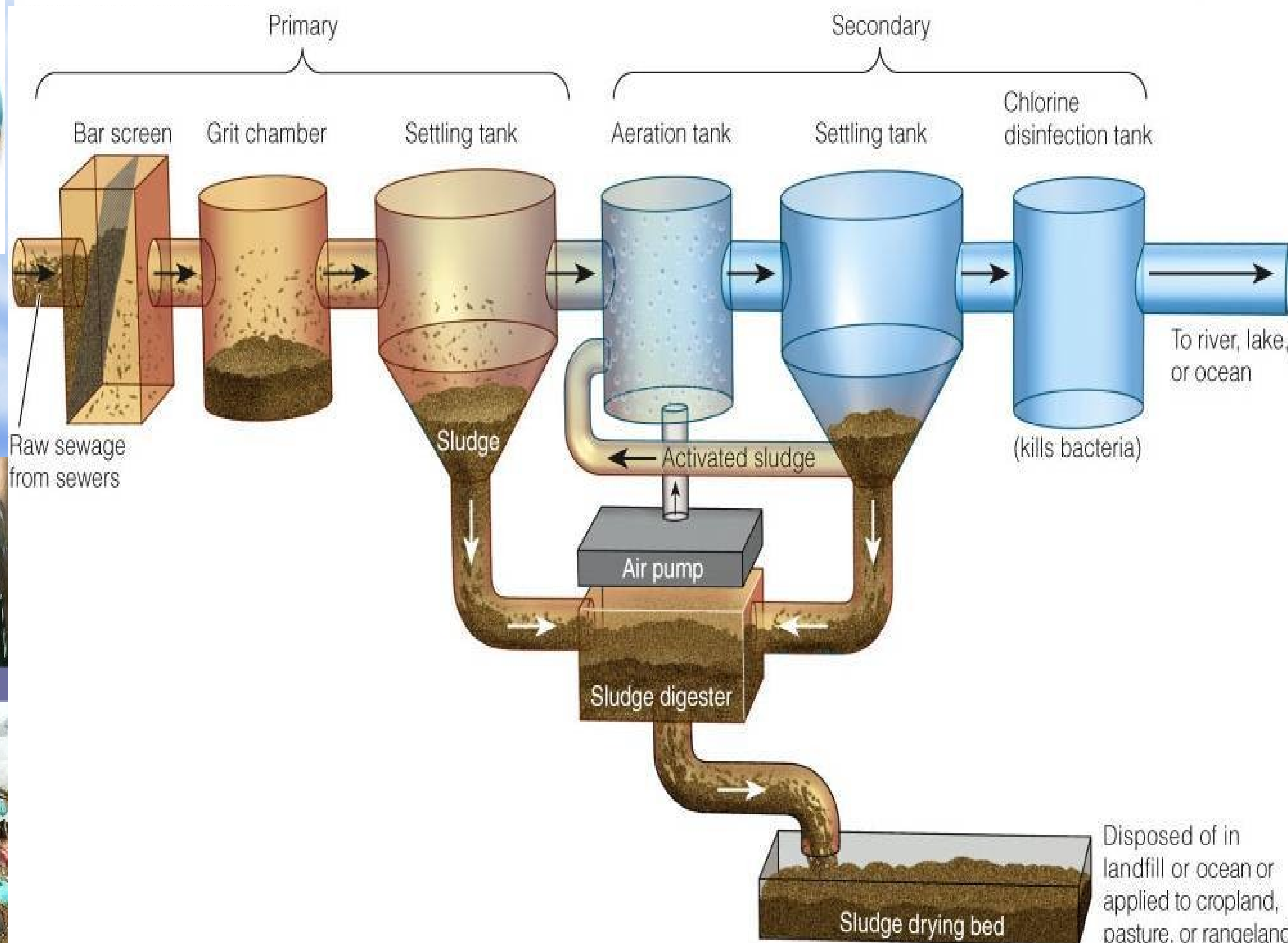
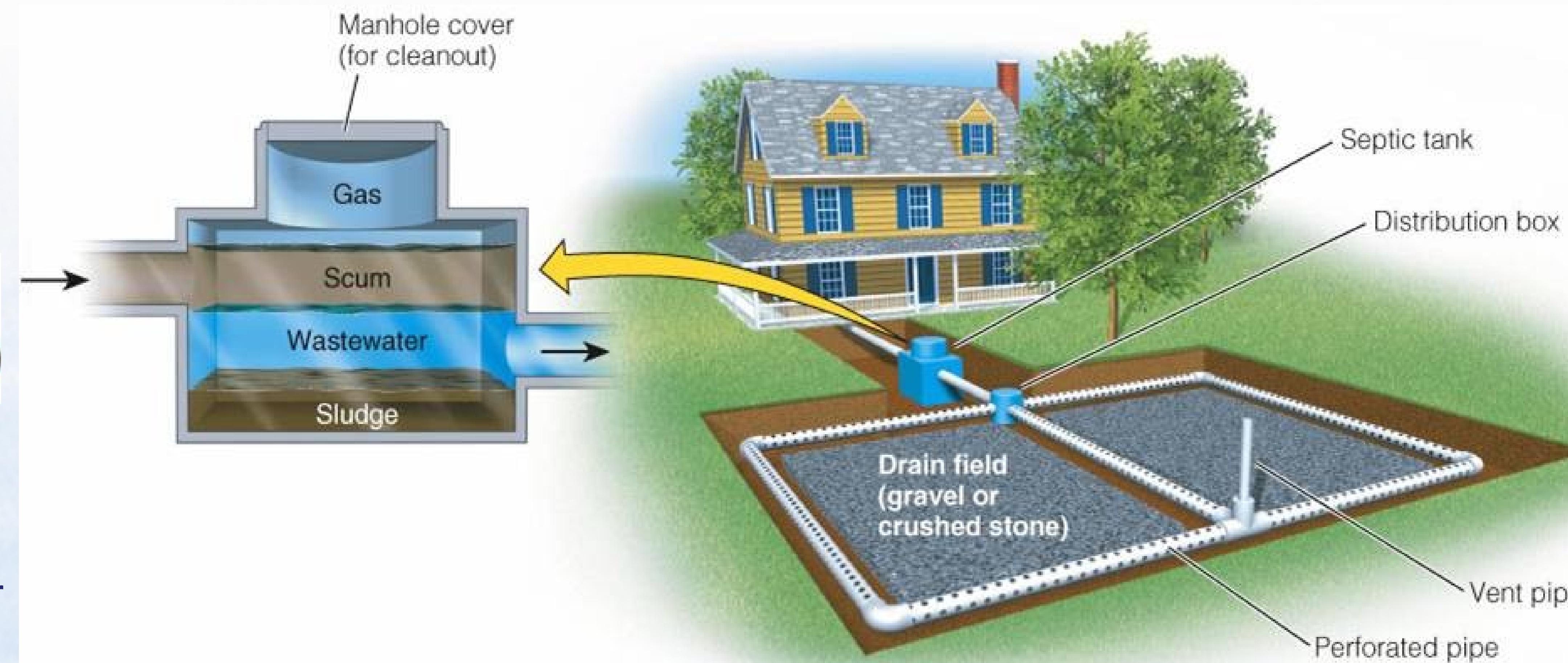
cholera, hepatitis, typhoid
Amoebic dysentery.



More than 1 million Hindus in India bathe, drink from, or carry out religious ceremonies in the highly polluted Ganges River.

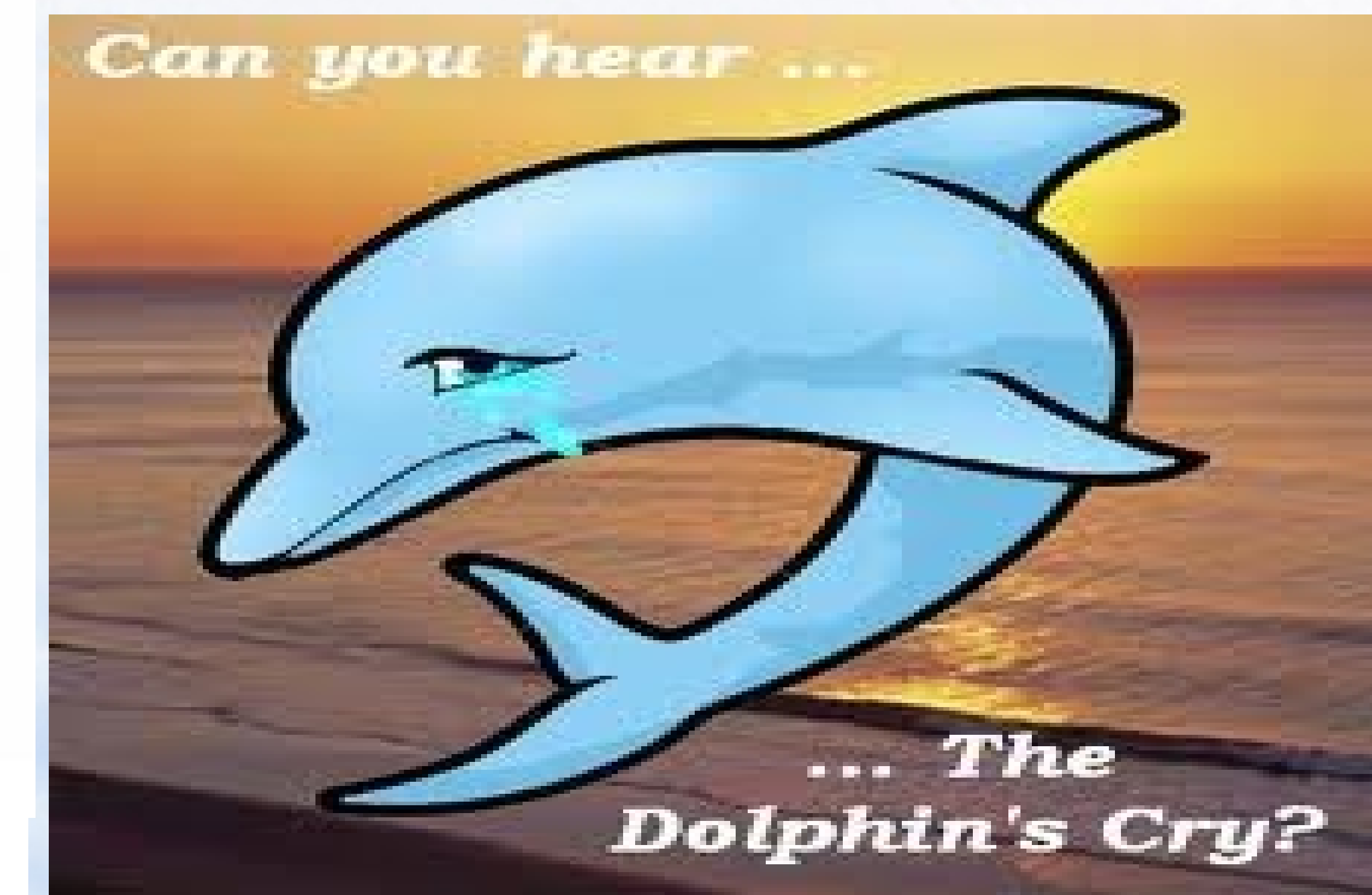


Reducing Water Pollution through Sewage Treatments



Effect of pollution in river:-

Fishes becoming extinct.
The dolphin has a population of 2000 and now endanger species



Water Pollution:-Solution

- Prevent groundwater contamination.
- Reuse treated wastewater for irrigation.
- Practice four R's of resource use (refuse, reduce, recycle, reuse)
- Reduce air pollution.
- Reduce birth rates
- Reduce poverty



What we can do??

- Do not drink bottled water unless tests show that your tap water is contaminated
- Compost your food wastes.
- Do not flush unwanted medicines down the toilet.
- Do not apply fertilizer or pesticides near a body of water.