WASTE WATER STORY

Septic tanks, chemical toilets, combusting pits

Sewage disposal

The excessive growth of algae and aquatic plants due to added nutrients

Eutrophication

Humans excreta is treated by earthworms

Vermi-processing toilet

Sanitation & disease

Poor sanitation and contaminated drinking water is the cause of a large number of dieseases

Chemical Oxygen demand (COD)

Index of the waste of water which can be oxidised by strong oxidising agents

e.g.
- Pathogens such as bacteria virus, parastic worms
- Soluble organic material such as urea, proteins
- Gases such as H_2S, CO_2, CH_4

Consitutent

Cleaning of waste water

Biological Oxygen demand (BOD)

Major of the oxygen utilised by microorganisms during oxidation of organic materials

Waster water treatment plant WWTP

Treatment of waste water using physical, chemicaland biological process