

GLOSSARY

Aeration

Aeration is the process by which air is circulated through mixed with or dissolved in a liquid or substance. This is part of waste water treatment process.



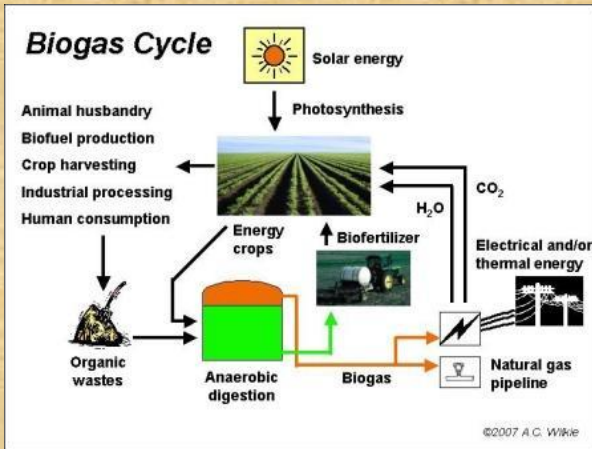
Aerobic bacteria & Anaerobic bacteria

Aerobic and Anaerobic bacteria are bacteria that can be grown and live when oxygen is present. These are grown in the sludge to eliminate the human waste and other impurities as a part of waste water treatment process.



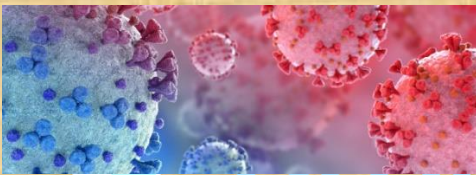
Biogas

Biogas is a gas produced by breakdown the organic matter in the absence of oxygen. The organic matter can be agricultural waste, manure, municipal waste, plant material, sewage, green waste or food waste. This primarily consist of methane and carbon dioxide.



Contaminant

A pollutant or an impurity that makes a substance poisonous.



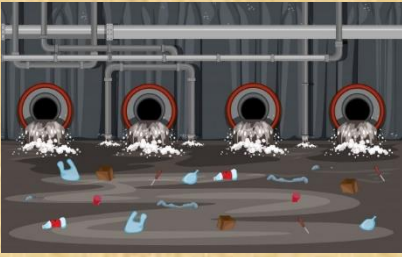
Sanitation

Public health conditions related to clean drinking water and adequate treatment and disposal of human excreta and sewage is called Sanitation.



Sewage

Domestic/municipal wastewater characterized by chemical and toxic constituents is called Sewage.



Sewer

A large underground channel that carries waste matter and rain water away, usually to a place where it is treated and clarified.



ainbox

Sewerage

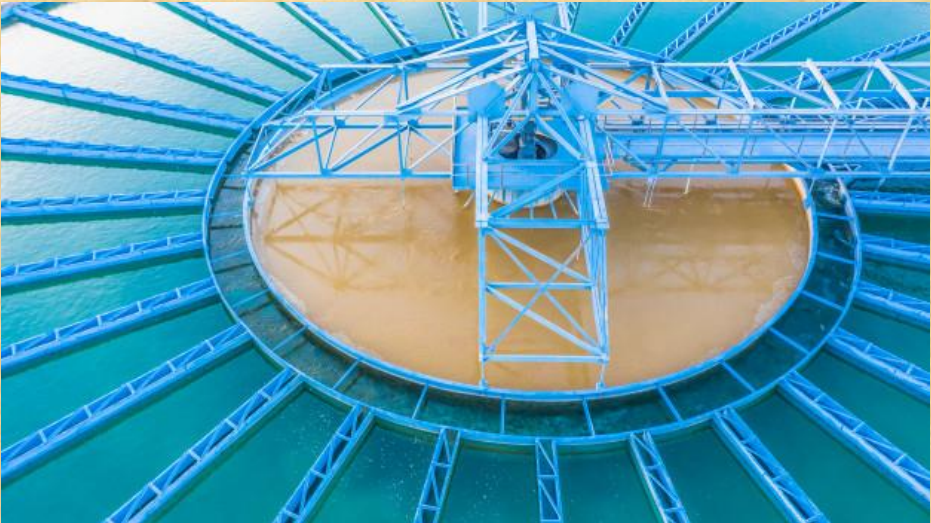
learn easy

Sewerage refers to the infrastructure that conveys sewage. It encompasses components such as receiving drains, manholes, pumping stations, storm overflows etc.



Sludge

Sewage sludge is the residual, semi-solid material that is produced as a by-product during sewage treatment of industrial or municipal wastewater.



Brainbox

SUMMARY

learn easy

- Used water is wastewater. Wastewater could be reused.
- Wastewater is generated in homes, industries, agricultural fields and in other human activities. This is called sewage.
- Sewage is a liquid waste which causes water and soil pollution.
- Wastewater is treated in a sewage treatment plant.
- Treatment plants reduce pollutants in wastewater to a level where nature can take care of it.
- Where underground sewerage systems and refuse disposal systems are not available, the low cost on-site sanitation system can be adopted.

- By-products of wastewater treatment are sludge and biogas.
- Open drain system is a breeding place for flies, mosquitoes and organisms which cause diseases.
- We should not defecate in the open. It is possible to have safe disposal of excreta by low cost methods.

