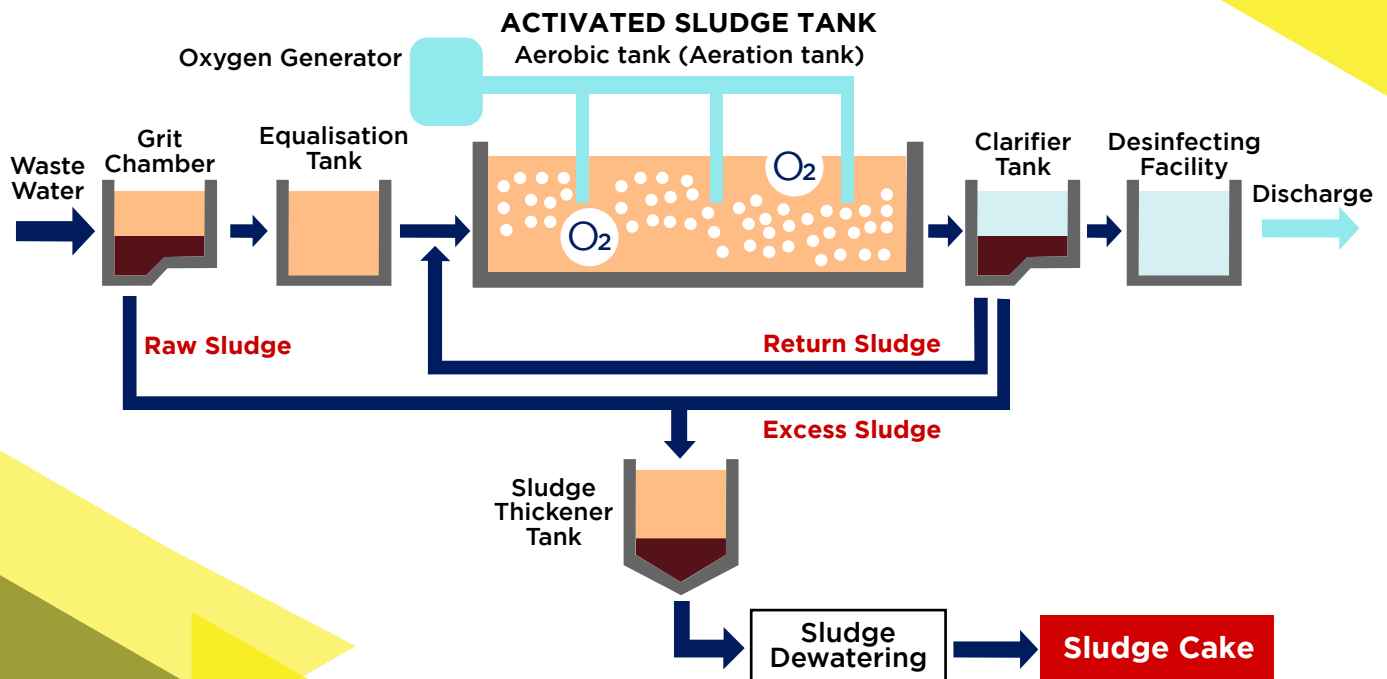


Activated Sludge Plant

Activated Sludge Plant (ASP) would be preferable to treat wastewater from households, commercial buildings, rainwater and so debris from storm sewers. They treat sewage wastewater using primarily activated sludge to digest biological contaminants.



Though an Sewage Treatment Plant (STP) may also use activated sludge in its secondary treatment, activated sludge takes on more of a primary role in an ASP. ASP offer a few other benefits compared to standard STP:

- Simpler process, more dependable results.
- Easy ability to reseed the digestion chamber with beneficial bacteria.
- Fewer unpleasant smells, longer intervals between tank emptying.
- Less unwanted anaerobic sludge to remove, heightened economical maintenance.
- No moving parts that might break or become fouled.

While the industrial segment will be designed to implement ETP and CETP to treat their wastewater.