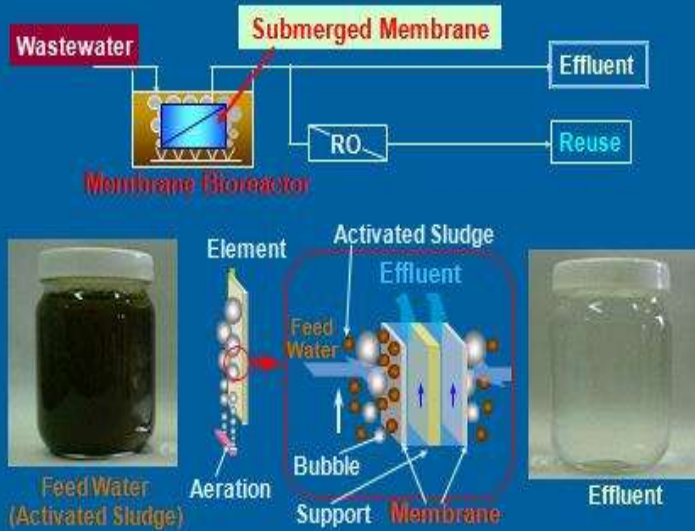


MBR TECHNOLOGY

Enables Operation of Biological Plants at a very high MLSS which means

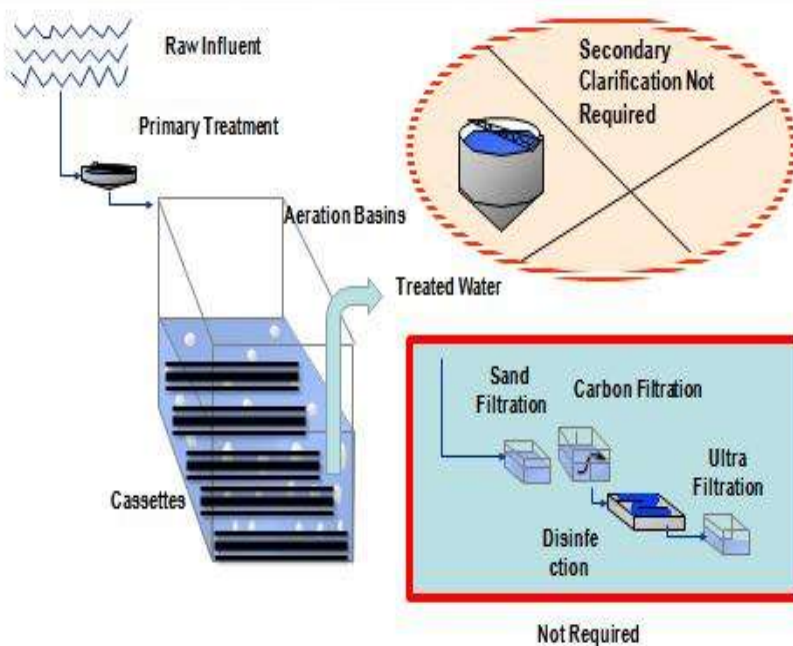
1. Biological aeration tank size $1/3^{\text{rd}}$ compared of conventional system.
2. Existing biological plants can be retrofitted to treat 3 times the volume of water or BOD.
3. Sand filter, Carbon Filter, Micron Filter & Ultrafiltration are not required. MBR accomplishes all functions.
4. Easily cleanable membranes. Can be done manually. No more mysterious.

Flat Sheet Membrane for MBR



- Submerged Membrane Technology.
- Individual sheets can be cleaned.
- Individual sheets are replaceable. No need to change entire module.
- Product can be directly reused or processed with RO plant downstream.
- Option of mounting the module within aeration tank or a separate tank.
- To degrade recalcitrant organics, bacterial ECM & enzymes are precious and are always maintained within aeration tank. No escape of these materials with treated water.
- Aeration Biomass always kept intact.

MEMBRANE BIO REACTOR



- Completely Automatic Systems controlled by PLC.
- No need for permeate back flush.
- Better utilisation of permeate.
- Saves space.
- Guaranteed Membrane Life and performance.
- Sturdier construction compared to hollow fiber module.
- Does not damage easily.

SARTIME

Solutions, not just Equipments

Sartime Horological (P) Ltd

ZERO POLLUTION DIV.

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