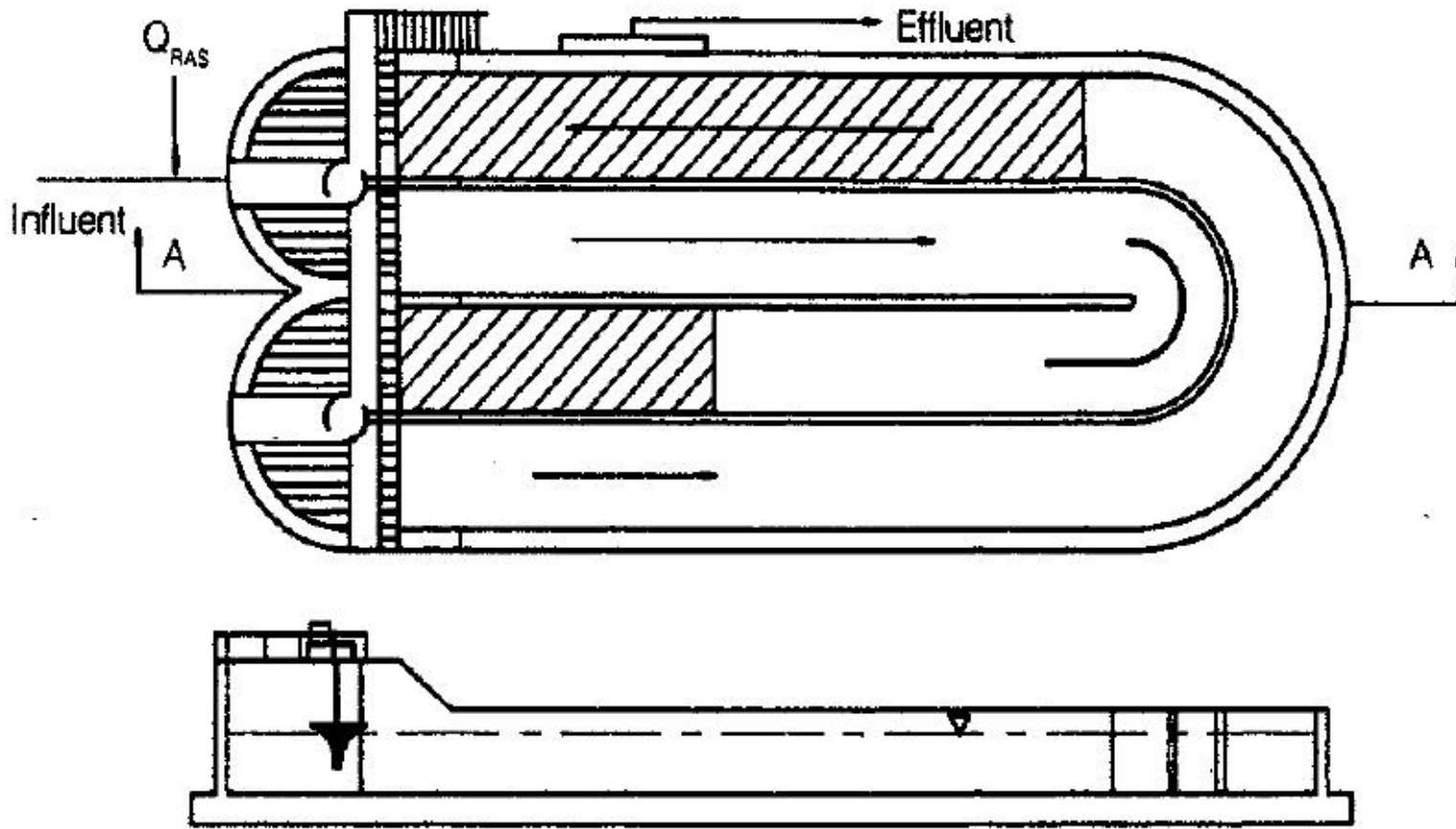
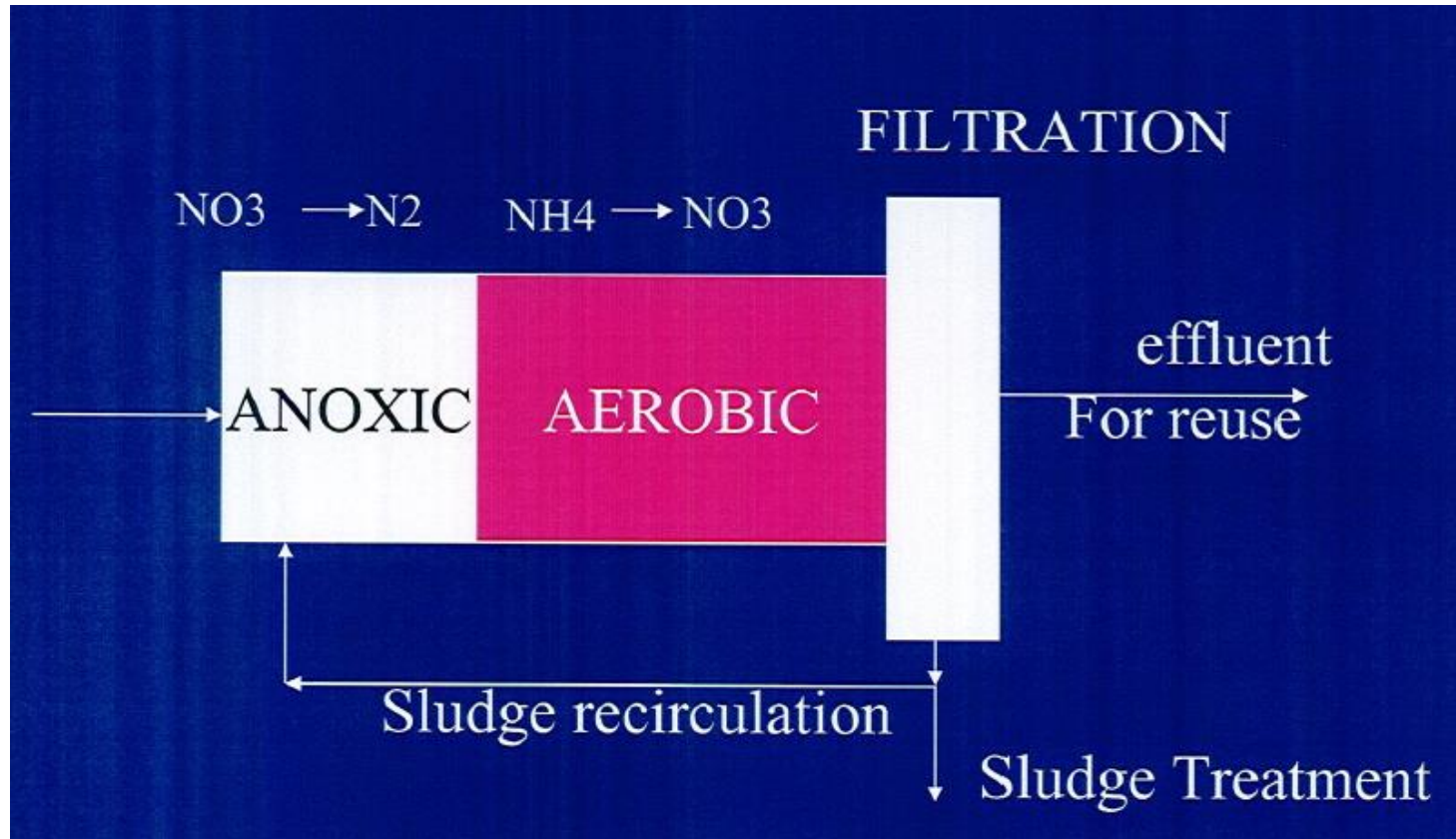

ACTIVATED SLUDGE SYSTEM

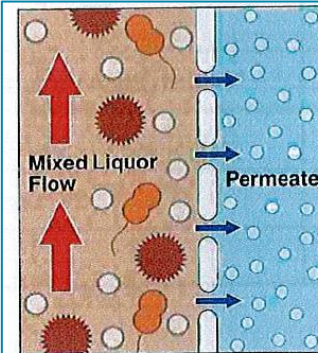
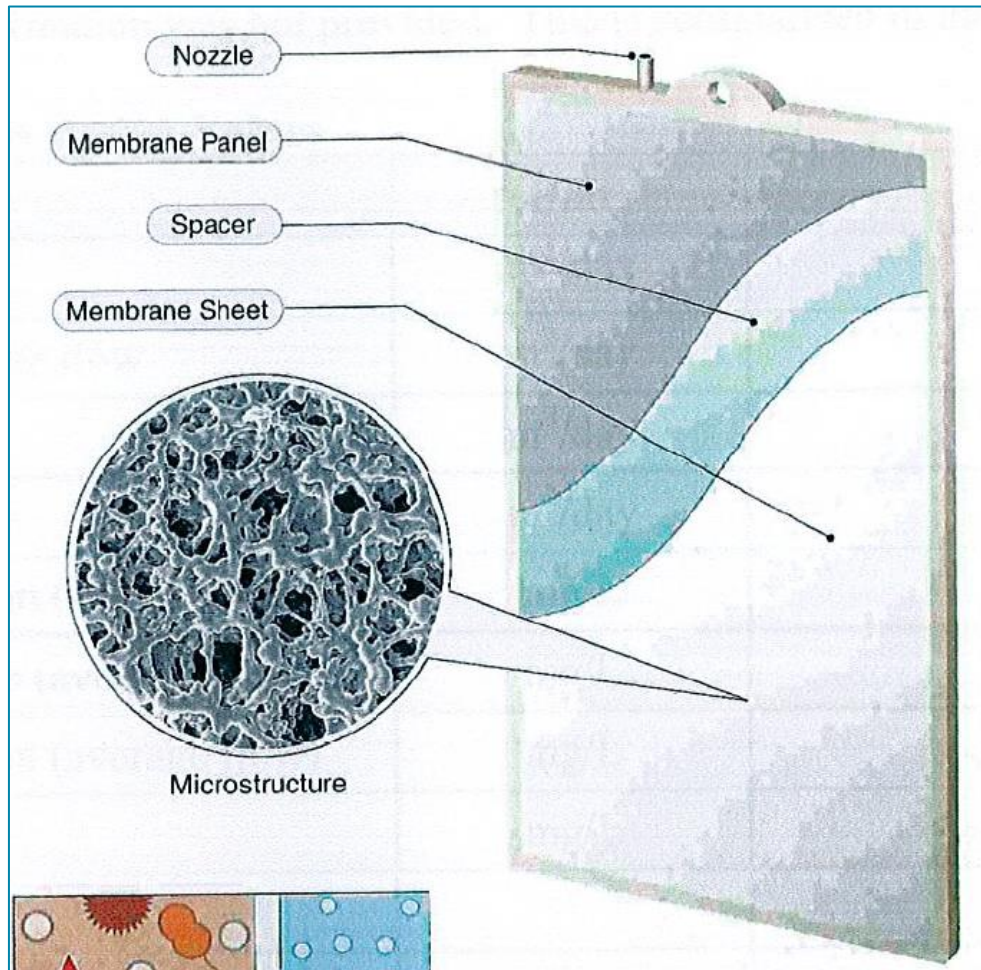
CARROUSEL OXIDATION DITCH



MEMBRANE BIOREACTORS



FLAT SHEET MEMBRANE

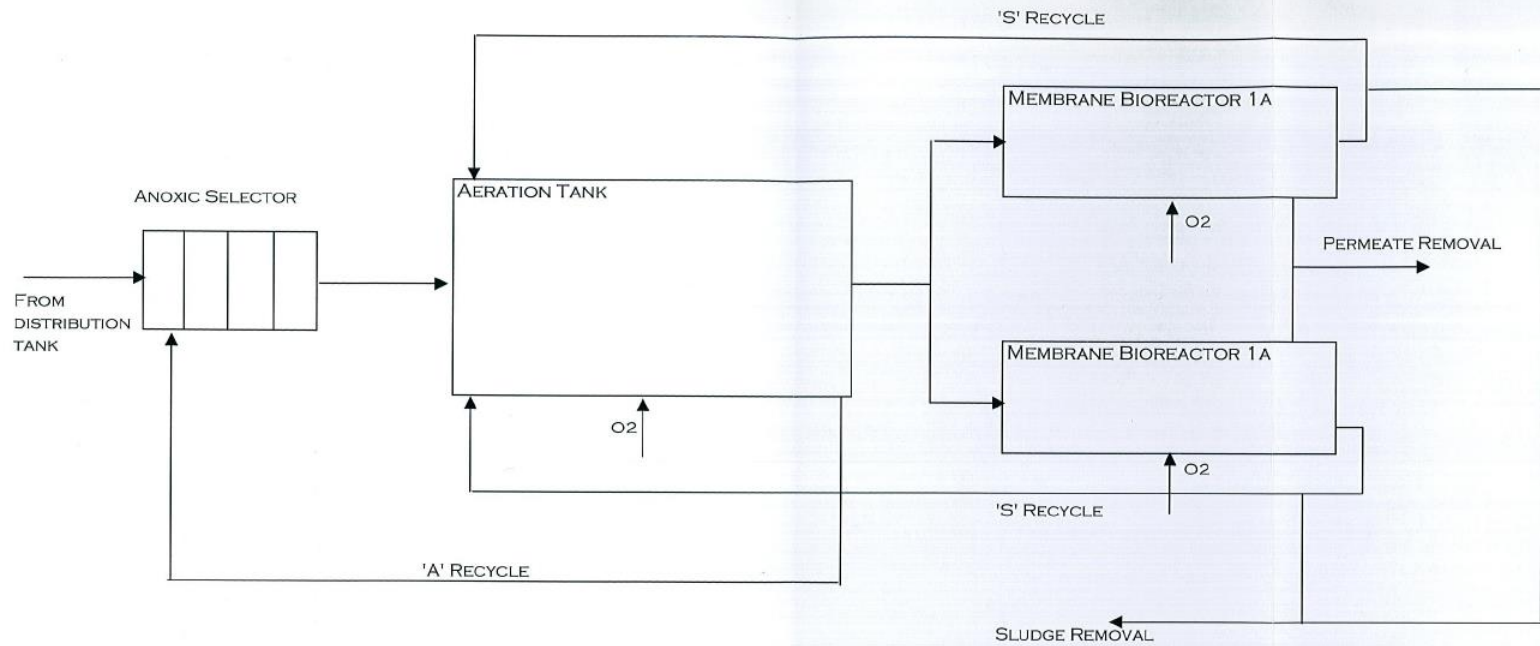


◀◀◀ Cross Flow Filtration

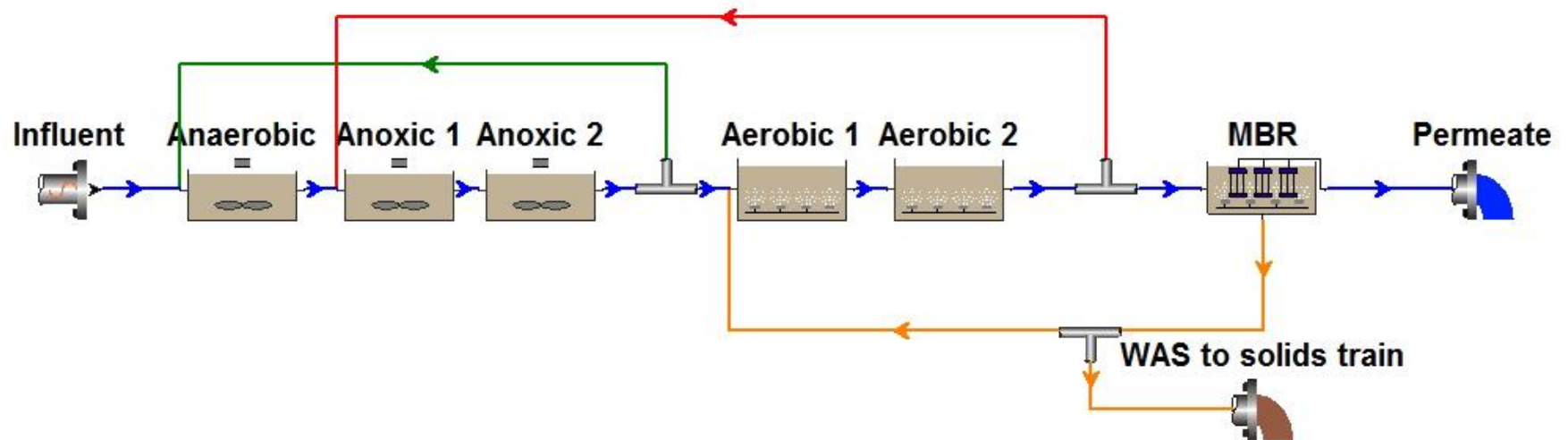
Mixed liquor flows parallel to the membrane surface, while water permeates through the membrane.

Cross flow prevents the membrane surface from fouling.

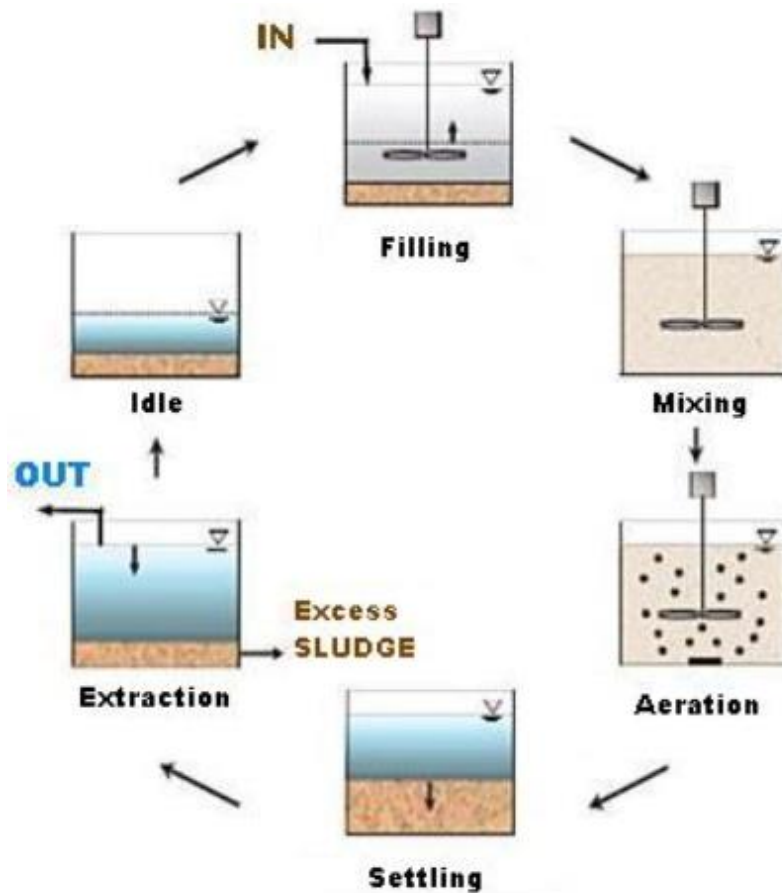
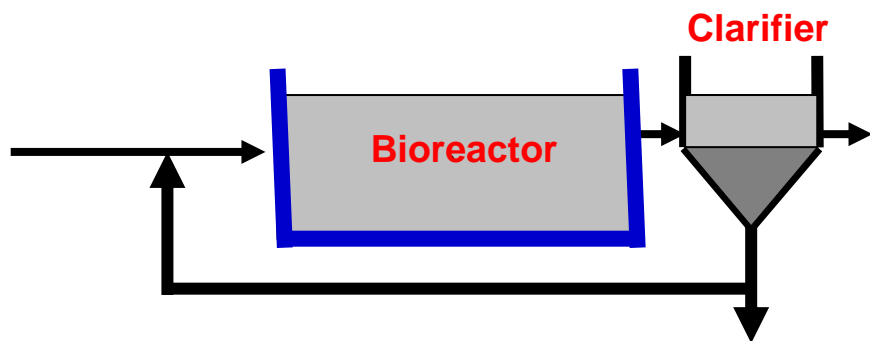
MBR PROCESS SCHEMATIC



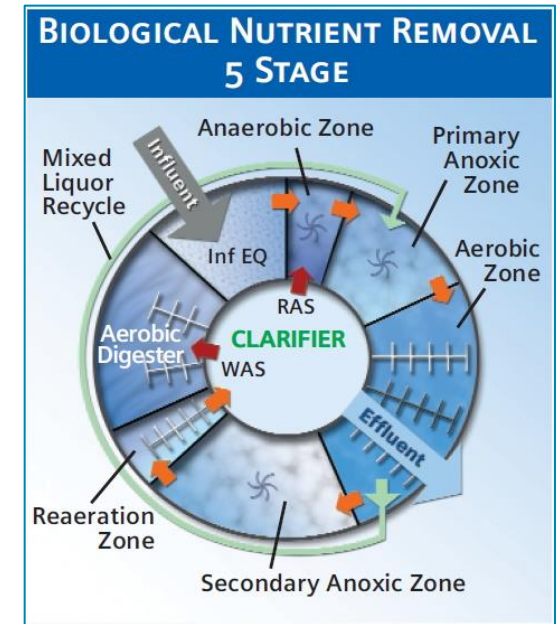
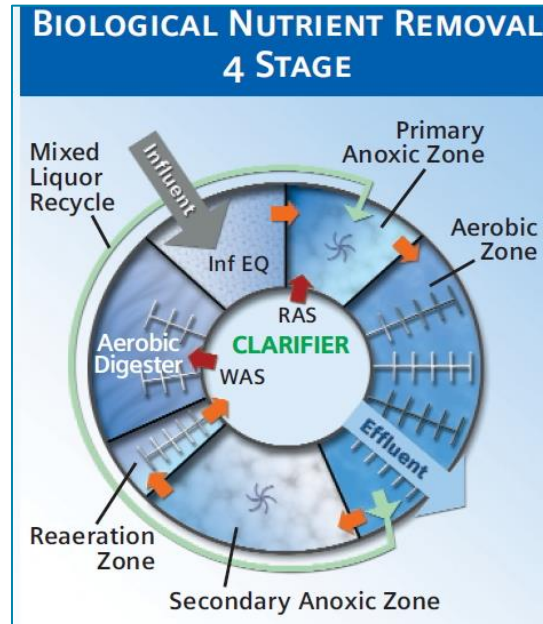
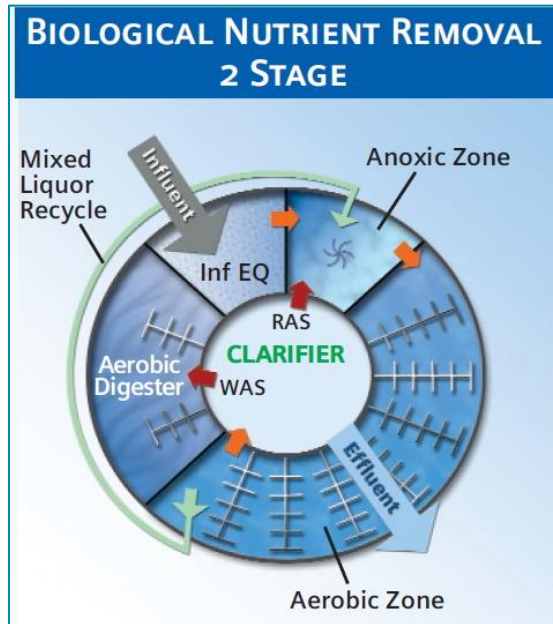
ANAEROBIC, ANOXIC, AEROBIC & MBR



SEQUENCING BATCH REACTOR(SBR) PROCESS

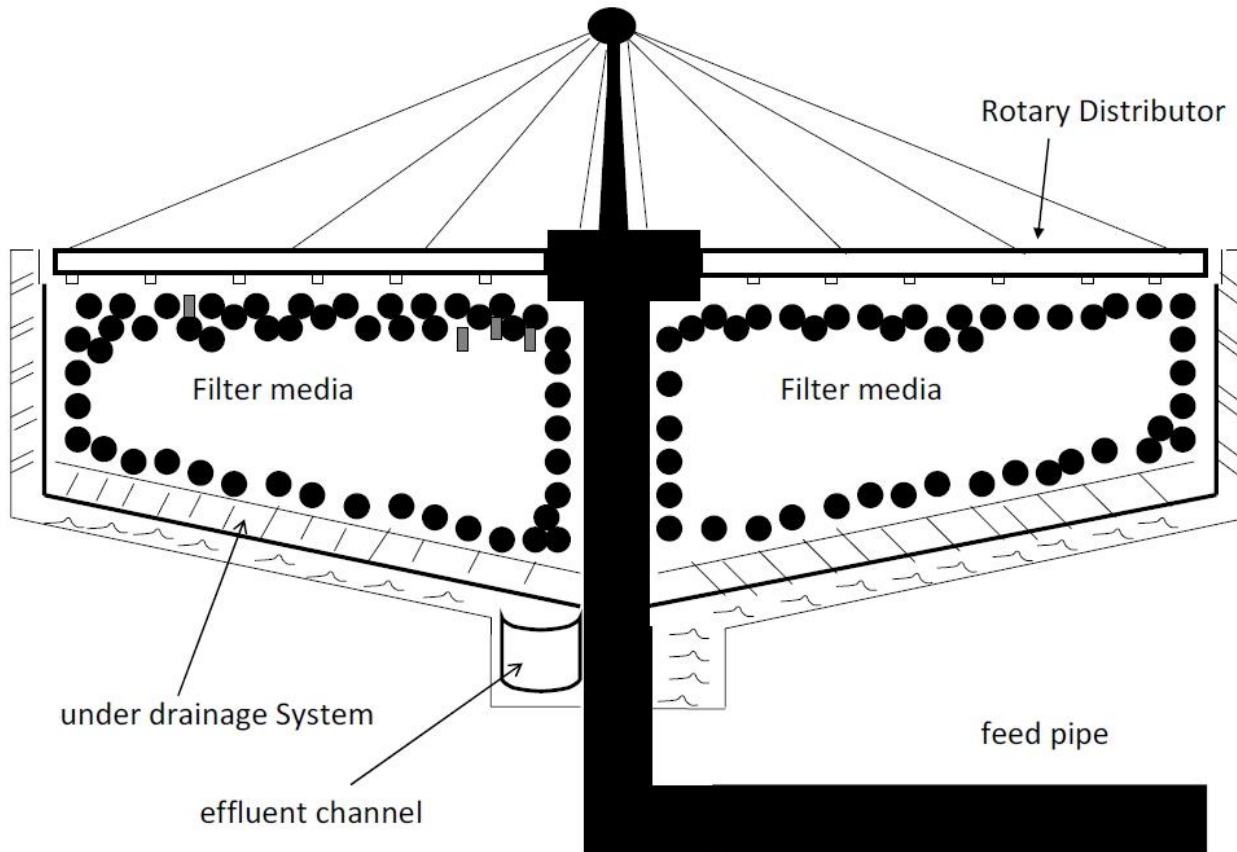


PACKAGE SMALL FOOTPRINT PLANTS

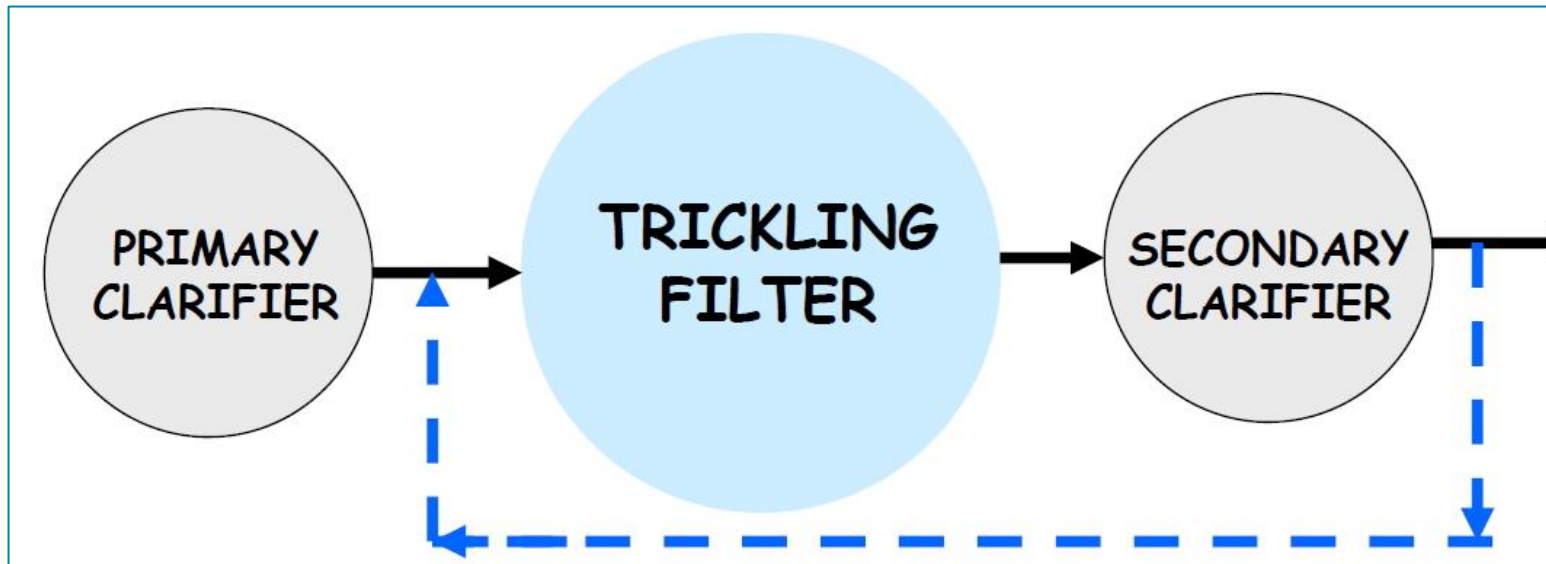
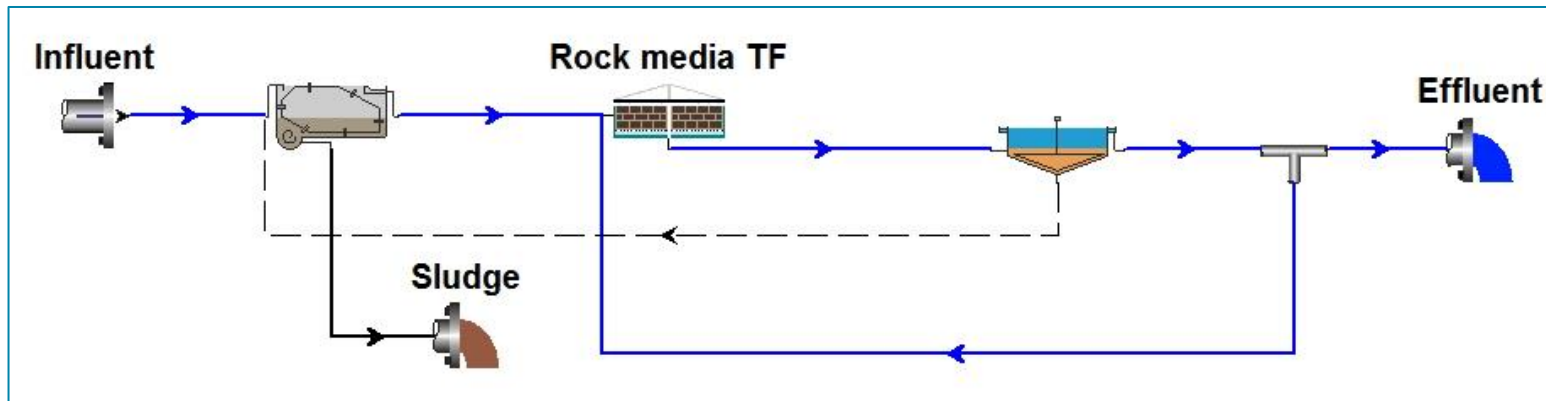


ATTACHED GROWTH SYSTEMS

TRICKLING FILTERS



TRICKLING FILTERS SYSTEM

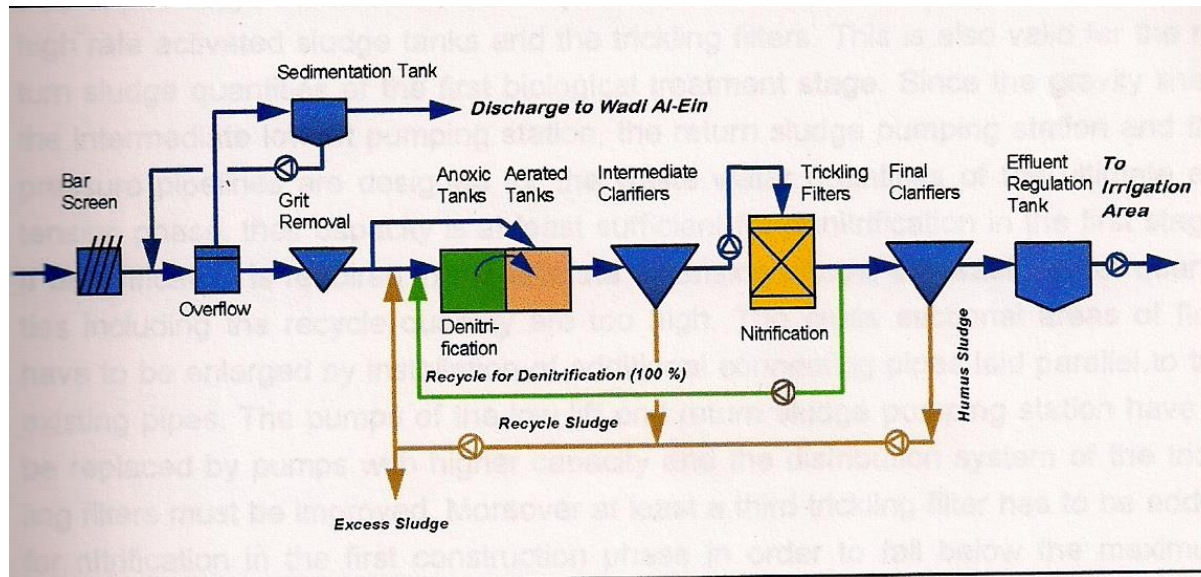


ROTATING BIOLOGICAL CONTACTORS(RBC)



INTEGRATED BIOLOGICAL TREATMENT

TRICKLING FILTER ACTIVATED SLUDGE

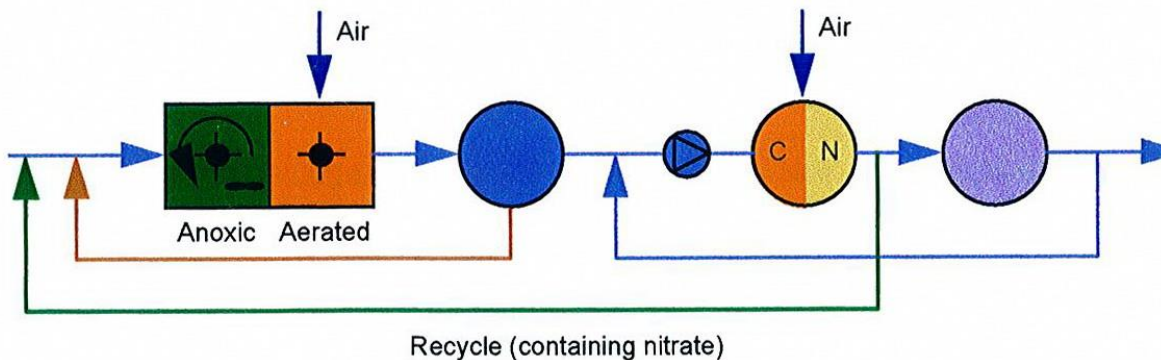


High Rate Activated Sludge Stage

Denitrification/C-Elimination

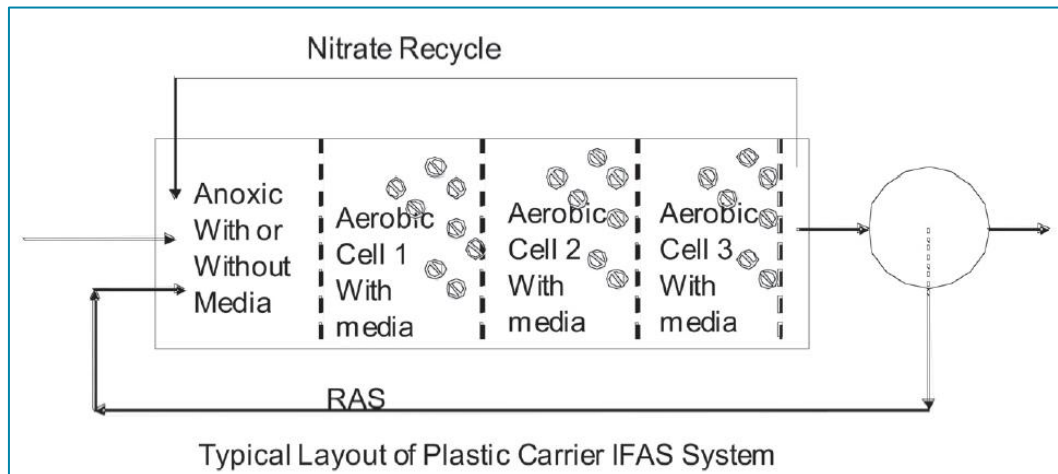
Trickling Filter Stage

C-Elimination/Nitrification

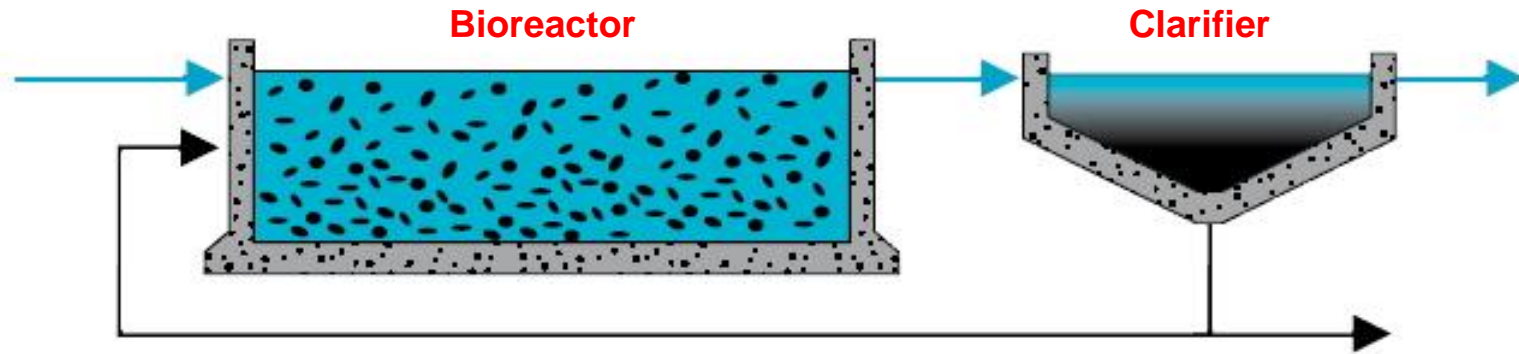


INTEGRATED FIXED-FILM ACTIVATED SLUDGE SYSTEMS(IFAS)

Integrated fixed-film activated sludge plants can be designed by adding biofilm support media(biofilm carrier particles) to activated sludge basins and operating the basins with a significant level of MLSS



MOVING BED BIOFILM REACTOR(MBBR)



WASTE STABILIZATION PONDS



SWIM-H2020 SM

For further information

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SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

Thank you for your attention.

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