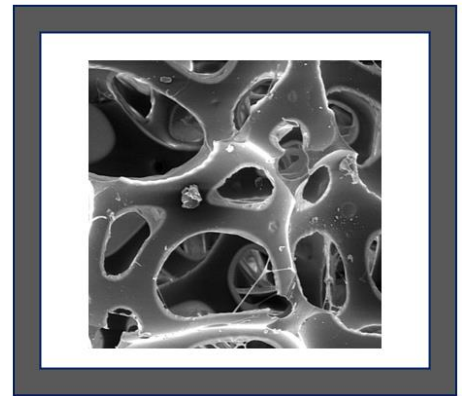
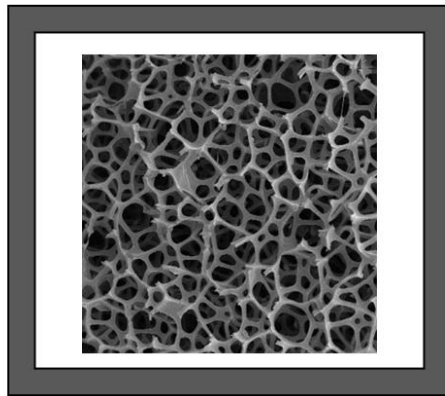


HYDROPORE

ADVANCED BIO-FILM TECHNOLOGY IN INDUSTRIAL EFFLUENT TREATMENT PROCESS



A Breakthrough of Bio Media Technology in Waste Water Treatment Process

- ***Enhance Bio-degradation Process***
- ***Improve Process Stability for COD Reduction***
- ***Reduce Treatment & Sludge Handling Costs***
- ***Provide Higher Volumetric Loading to System***
- ***Reduce Treatment Plant Footprint***

Presented By:

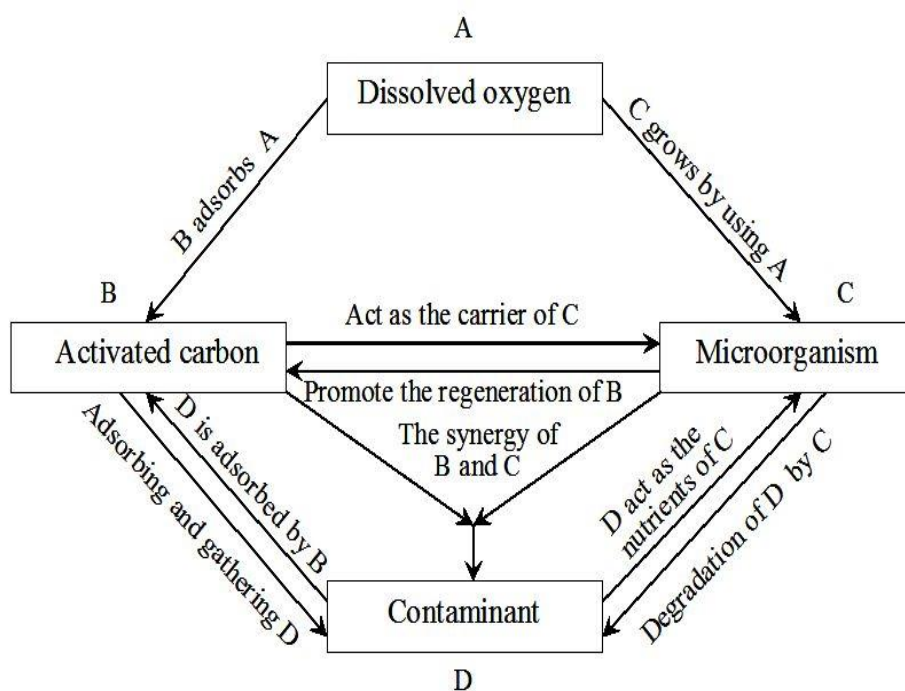
HydroFIL

Introduction of HYDROPORE

HYDROPORE Biofilm media is a highly performance bio-media which can be applied in both Moving-Bed Bioreactor (MBBR) or Integrated Fixed-film Activated Sludge (IFAS) to increase treatment capacity of any biological treatment system.

Key Features

- Increase Treatment Capacity of Existing Aeration Tank by 2-5 times
- Reduce Treatment Plant Layout of New System or Existing System Upgrade
- Low Maintenance
- Reduce Sludge Generation
- Long Lifespan
- Fast Process Startup and Acclimatization

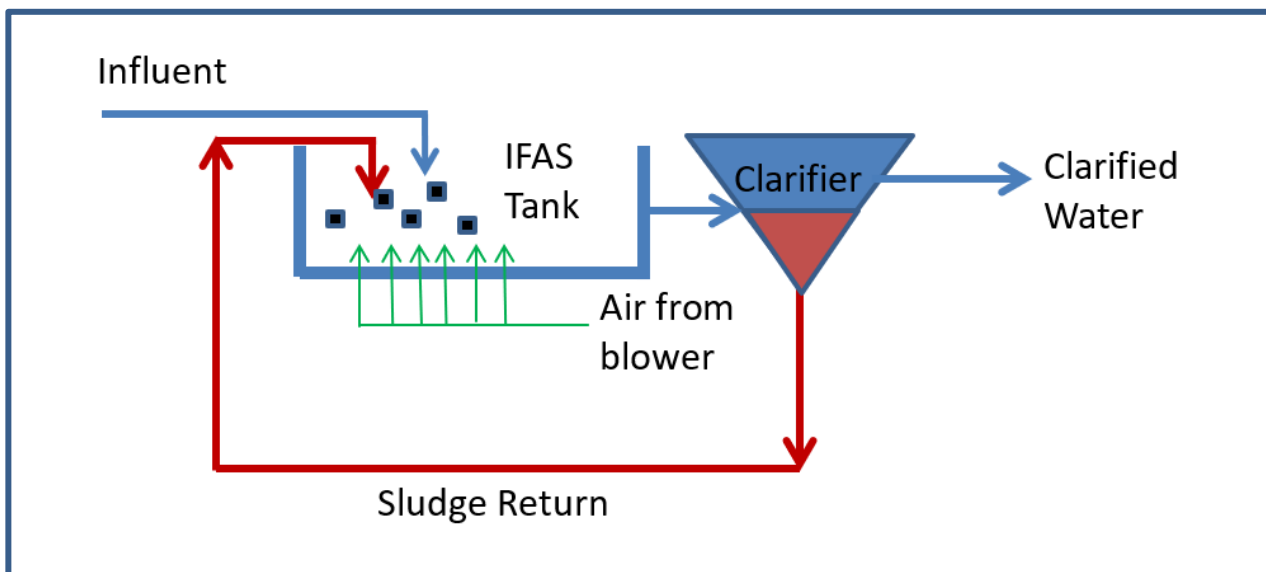


Technical Specifications

- Super High Specific Area with $> 20,000 \text{ m}^2/\text{m}^3$
- High Porosity 95%-98%
- Impregnated with Activated Carbon
- Hydrophilic Surface
- Bio-media Dimension 21mm x 21mm x 7mm



Typical Integrated Fixed-Film Activated Sludge (IFAS) Process



Advantages

- Enhance Bio-degradation Process
- Improve Process Stability for COD Reduction
- Enhance Live & Activity of Biomass for Effective Composition of Rigid Substances in Aeration Tank
- Reduce Capex of Treatment Plant by No Additional Civil Work Required
- Reduce Treatment Plant Foot Print
- Lower Sludge Production and Solids Disposal Cost
- Provide Higher Volumetric Loading to System

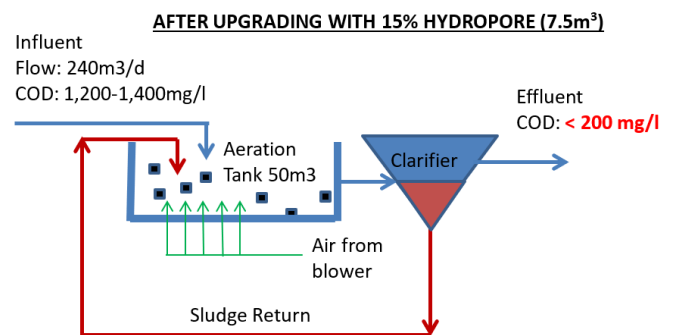
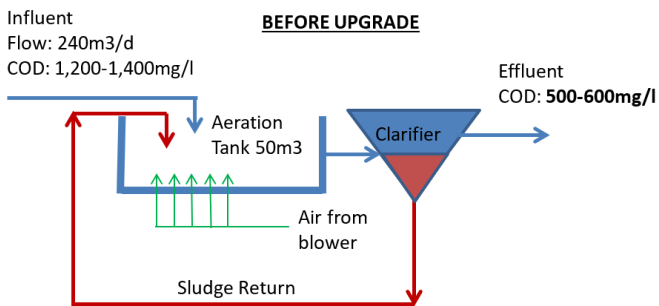


Applications

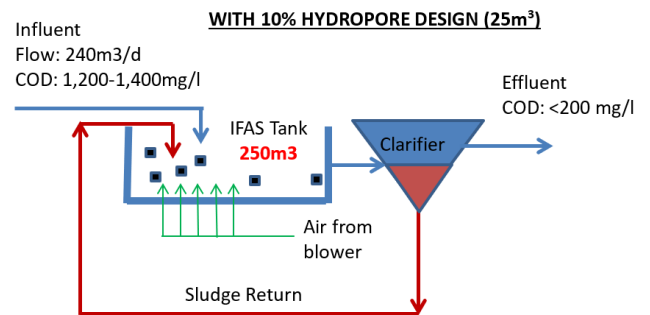
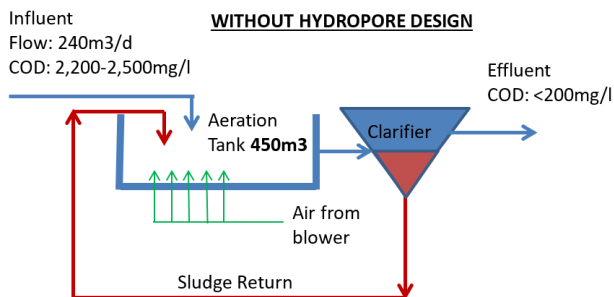
- Food & Beverage Industry
- Palm Oil Mill Effluent
- Oil & Gas Industry
- Paper Mill Effluent
- Aquaculture Industry
- Herbicide
- Sewage Treatment
- Latex Glove Manufacturing

Project References

2. Professional Latex Sdn. Bhd.



1. Ideal Quality Sdn Bhd.



3. Perusahaan Getah Sdn. Bhd.

