

Application of Computational Fluid Dynamics to optimise module Configuration from fibre to module in immersed membrane systems

<u>Xuefei Liu, Yuan Wang, T. David Waite, Greg Leslie</u>

Never Stand Star

Hollow fibre membranes are widely used in submerged membrane bioreactors (MBRs) for municipal wastewater treatment

MBRs employ coarse bubble aeration to control fouling and maintain throughput (flux) which results in higher power requirements than conventional processes

MODEL DEVELOPMENT & VALIDATION

