

BIOLOGICAL PROCESS SELECTION

Selection Factors	Aqua MixAir®	AquaPASS®	AquaSBR®	Aqua BioMax™	Aqua MSBR®	Aqua-Aerobic® MBR
Performance						
Handles High Peak Flows	●	●	□	X	□	●
BOD/COD Reduction	■	■	■	□	■	■
Nitrification (NH ₃ -N < 1 mg/l)	■	■	■	□	■	■
Denitrification (TN < 3 mg/l)	X	□	□	X	□	■
Total P < 0.6 mg/l ²	X	□	□	X	□	□
Total P < 0.1 mg/l ²	X	X	X	X	X	■
Guaranteed TSS < 10 mg/l	X	●	□	X	□	■
Guaranteed TSS < 2 mg/l	X	X	X	X	X	■
Turbidity < 0.1 NTU	X	X	X	X	X	■
Bacteria (E Coli) and Virus Removal	X	X	X	X	X	■
System Costs						
Provides Low Equipment Cost	■	□	□	●	●	●
Provides Low Installed Cost	□	□	■	■	□	●
Provides Low Cost of Ownership	□	□	■	■	□	●

¹This selection chart considers Aqua-Aerobic products only and is not intended as a comparison to competing processes.

²With chemical addition, refer to the Phosphorus Removal section.

³The Aqua-Aerobic MBR offers an added level of treatment; evaluate against other membrane processes.