
AquaMB Process® MULTIPLE BARRIER MEMBRANE SYSTEM

The AquaMB Process® integrates Aqua-Aerobic Systems' unique biological process expertise with cloth media filtration experience and ultrafiltration technology. It offers a low cost solution to membrane-quality effluent while surpassing membrane bioreactor (MBR) technology with respect to operational flexibility and operation and maintenance costs.

Features/Benefits

System

- Multiple discharge points provide greater flexibility in adjusting to seasonal limits and fluctuating conditions
- Full-system responsibility allows comprehensive process guarantee
- Highly adaptable to future expansion or tighter limits
- Lowest life cycle cost

Biological

- Fine screening of MLSS not required
- Aqua MixAir® system offers BNR capabilities and proportional aeration control (via D.O. monitoring)
- SBR cycle structure or flow through configuration
- Substantial reduction of biodegradable matter, lower sludge production

Filtration

- Patented cloth media technology assures reliable membrane feed quality
- Low volume of effluent used for backwash
- Small footprint
- High hydraulic and solids loading