
Aqua-Aerobic® MBR

MEMBRANE BIOREACTOR SYSTEM

Features/Benefits

Biological

- Time-managed, complete mix activated sludge
- True batch or continuous fill operation modes
- Inherent flow equalization in biological process
- Automated sludge recycle optimization

Filtration

- Unique PURON™ submerged membrane filtration
- Predictive membrane-flux control (batch systems)

Controls

- SCADA and IntelliPro® system ready controls
- Integrated control system

Applications

- Enhanced biological nutrient removal
- Beneficial reuse of wastewater effluent
- Impaired water bodies (TMDL = Total Daily Maximum Load)
- Retrofits for existing treatment works
- Water quality conditioning for reverse osmosis (RO) and nano-filtration (NF)
- Industrial recycling limiting fresh-water demands
- New plant construction, upgrades, retrofits, and expansion to existing system
- Planning for future effluent requirements