
AquaSBR® SEQUENCING BATCH REACTOR

Features/Benefits

- True-batch React, Settle and Decant phases
- Automated stormflow processing
- Time-managed nutrient control
- Aqua MixAir® system; independent aeration and mixing
- Completely mixed reactors
- A variety of aeration options
- Retrievable and accessible components
- Maintenance-free decanter
- PLC based control system
- IntelliPro® system ready
- Reduced footprint
- Eliminates final clarifiers and associated pumping
- Lower construction, installation costs and maintenance
- Simple to upgrade or expand
- Metal salt savings due to enhanced phosphorus removal
- Aerobic/ Anoxic cycling maximizes utilization of influent carbon for denitrification, reducing external carbon requirement (i.e. Methanol)
- Best life-cycle cost

Applications

- Industrial/ municipal wastes
- Biological nutrient removal
 - Nitrification
 - Denitrification
 - Phosphorus removal
- Retrofitting