



# SEQUENCING BATCH REACTOR (SBR)

## BIOCYCLE™

### DESIGNED TO SUIT YOUR PARTICULAR NEEDS

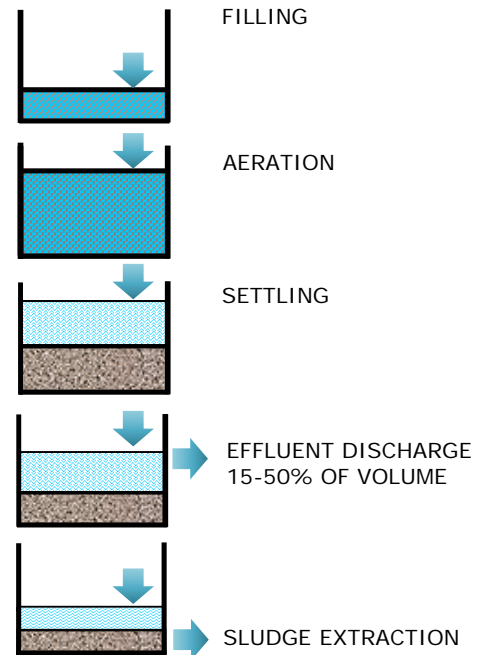
#### BIOCYCLE™ SBR PROCESS

The BIOCYCLE™ technology is an activated sludge system that operates in time rather than in space. All steps take place in predetermined operating sequences, in the same tank, instead of moving from one tank to another.

- Very high efficiency on BOD<sub>5</sub> and SS removal. Has proven nutrient removal capabilities without chemical addition (nitrification, denitrification and biological phosphorus removal).
- Single or multi-tank design for industrial and municipal applications.
- Easy retrofit of existing facilities of all types and/or geometry.
- Large choice of aeration and mixing equipment:
  - Flexible fine bubble diffusers
  - Coarse bubble diffusers
  - Jets aerators
  - Floating aerators/mixers
  - Submersible horizontal mixers



#### TYPICAL BIOCYCLE™ OPERATION



Designed and built by Mabarex.  
BIOCYCLE™ is a trademark of Mabarex.  
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