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## **AquaPASS® PHASED ACTIVATED SLUDGE SYSTEM**

### **Features/ Benefits**

- Flow-through operation with multi-stage, enhanced performance capabilities
- Time-based process management; time-based anoxic intervals promote exceptional nitrate reduction
- Flexible nitrogen control system reduces sludge recycle pumping requirements
- Aqua MixAir® flexibility results in process and energy savings; load-proportional power savings mode via staged aeration system
- Patented phase-separation technology provides concentrated return activated sludge (RAS) for optimized process environments; Results in higher volatile fatty acids (VFAs) to anaerobic cell - hence lower Total Phosphorus
- Flexible tank design and equipment options; Operational flexibility with integrated, dependable controls
- 15% internal recycles compared to a standard flow-through process with 400%-700%
- Low headloss - fits into existing hydraulic profile
- Lowest life cycle costs

