

The full line of SolarBee® mixers is designed to solve a variety of municipal and industrial wastewater quality problems including high energy costs, EPA discharge permit violations and odor control. Utilizing solar power, a low-voltage motor and on-board battery system, SolarBee mixers operate 24/7 to improve the treatment system. SolarBee mixers can supply most of the mixing energy required in any treatment pond, reducing the hours that the aeration system must operate.

Flow rates vary by mixer size and range from 1,250 to 10,000 gallons per minute. For each application, a customized worksheet is provided at no charge, which shows the expected results.



Wastewater Benefits:

- Reduces energy consumption by reducing run time of existing aeration/mixing equipment
- Provides improved mixing in all systems
- Improves BOD, TSS and ammonia reduction
- Controls odors (odor capping systems available)
- Improves sludge digestion, reduces the need for dredging
- Reduces short-circuiting and fecal coliform counts

Features:

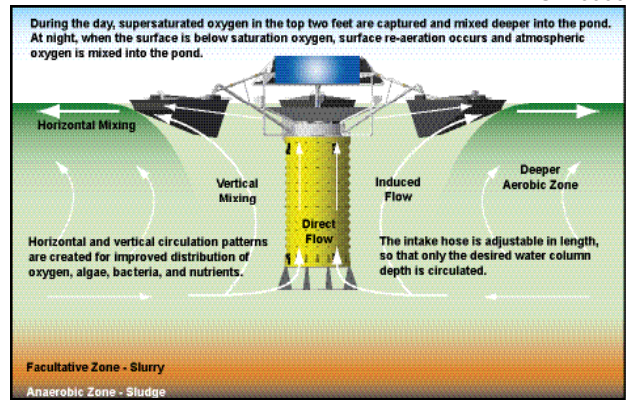
- Day and night operation on solar power; grid-power units available
- Digital control system programmable with anti-jam and auto-reverse; SCADA outputs available
- High-efficiency, high-torque brushless motor with no gearbox for low-speed operation
- 316 stainless steel and non-corrosion polymer construction
- Intake designs specific to the application
- 2-year machine warranty, 10-year motor warranty, 25-year service life
- Factory installation, water testing and sludge depth testing available

Applications:

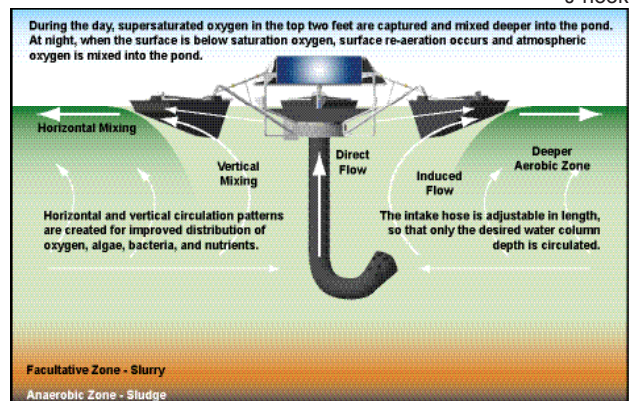
- All aerobic wastewater ponds
- Water reuse / effluent storage ponds
- Activated sludge reactor basins
- Odor capping of anaerobic ponds

WASTEWATER BENEFITS

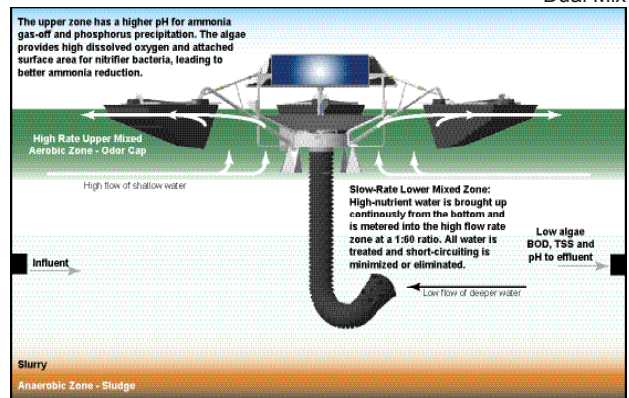
SB10000



J-hook



Dual Mix



Odor Capping

