

Floating Brush Aerators



**Effective and Efficient Wastewater Treatment
through Superior Oxygen Transfer and Mixing Rates**



Floating Brush Aerators

Create an *oxygen cap* across the entire surface area of the pond, which eliminates odor and enhances BOD reduction.

Performance

- ◆ Average SAE of 3.0 lbs. O₂/hp /hr
- ◆ Average flow rates over 3,600 gpm/hp
- ◆ Unique horizontal flow pattern distributes highly oxygenated water while bringing in oxygen depleted water in a short cycle

Multiple Pond Applications

- ◆ Partial mix or complete mix
- ◆ Earth or lined ponds
- ◆ Shallow or deep ponds
- ◆ High solids ponds
(Bio-storage, Sludge, Aerobic Digesters)

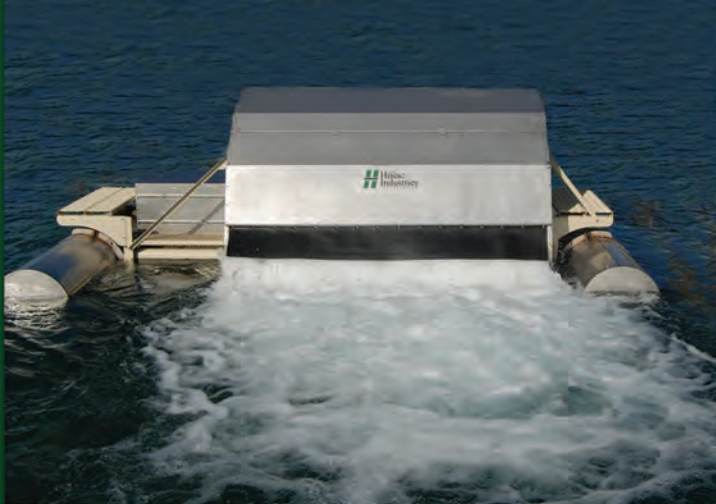
Multiple Tank Applications

- ◆ Oxidation Ditches
- ◆ SBR's
- ◆ Equalization Basins
- ◆ Square, Rectangular, or Round tanks



Complete mix of bio-solids storage lagoon





Unique Capabilities

- ◆ Aerators can completely mix 10' deep ponds
- ◆ Aerators can be used to partially mix shallow ponds
- ◆ Reduce overall horsepower usage based on high oxygen transfer and flow rates
- ◆ Aerators can be cable anchored, levee anchored, or anchored with bollards
- ◆ Aerators can be equipped with splash shields & rotor covers to reduce aerosol sprays
- ◆ Aerators can be customized for ponds or tanks, and used in municipal and industrial wastewater applications
- ◆ Aerator operates at lower noise levels compared to conventional aerators & mixers

Reliability

- ◆ Powder coated mild steel or stainless steel provides durability in a variety of wastewater applications
- ◆ Simple and easy maintenance
- ◆ Satisfied customers (reference list available)
- ◆ Process guarantees are available

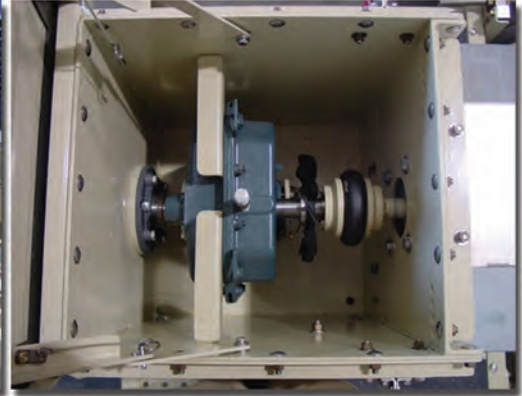
Before



After



ECS House Industries Floating Brush Aerators outperform all other Floating Brush Aerators on the market due to value added engineering and design.



- ◆ Only Floating Brush Aerator with a corrosion resistant, sealed drive-train enclosure.
- ◆ The only Floating Brush Aerator built with heavy enough materials to last 15-20 years.
- ◆ Custom retrofits for multiple wastewater applications are available.
- ◆ Engineered and designed for predictable and easy routine maintenance.
- ◆ ECS House Industries, Inc. provides the best customer service and support with Service Technicians that have over 75 years combined field service experience.



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