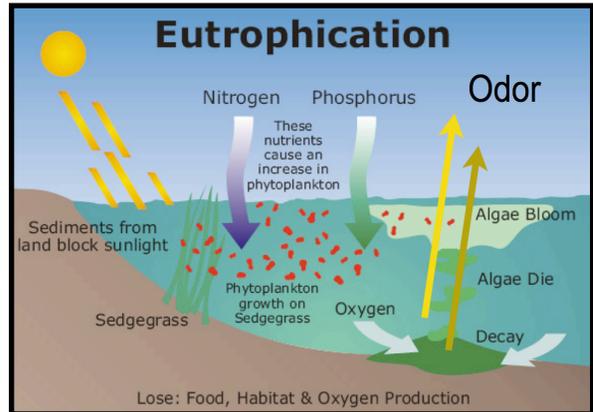




**WE WANT**



**WE DON'T WANT**

**Aquatic Weeds & Algae** have certain requirements to thrive. Typically those requirements include very quiet water, shallow water, and a nutrient source (a sludge blanket at the bottom of the pond).

Ornamental ponds are challenging because eutrophication processes can happen so fast in such a limited space. We have all watched a glass fish tank, filled with clean water, turn into an ugly mess right before our eyes. A shallow pond is exhibiting that same phenomenon.

Shallow ponds quickly develop a slimy sludge on the bottom of the pond. The sludge is nutrients that are accumulating from dead algae blooms and other nutrient sources including the source water, runoff and wildlife.

**Vortex action** of the CirCulator™ provides mixing for the entire pond. Exposing water to sunlight is very beneficial to the health of the pond. Oxygen is delivered 24 hours a day, to support all of the desirable life in the pond including fish and other aquatic life. Spawning habitat is created by the oxygen rich current at the bottom reaches of the pond. When all of these dynamics are in action the pond has a renewed, more natural ecosystem. The pond ecosystem can return to balance.



**CIRCUL8 Systems™**

**Gary Wegner  
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## Water stratifies.

That means that a pond is really like a layer cake. In the summer the upper layers are warmer and float on top of the colder layers. Most of us have swum in a pond and felt the colder water lower in the pond.

In an irrigation pond, the new water entering the pond will typically find a channel (invisible to the eye), think of it as a pipe, that limits the mixing in the pond and definitely limits the exposure of that "new water" to sunlight or oxygen. Basically many parts of the irrigation pond retain "old water" for months on end, while the new water comes and goes virtually unaffected.

Circulation, induced by the CirCulator™ changes all of that!



**Mosquitoes** and some other insects use stagnant water as a breeding ground. The operative is stagnant water.

When water is constantly moving, as that found in a CIRCUL8 Systems™ pond system, we are denying the mosquitoes the habitat that they require.

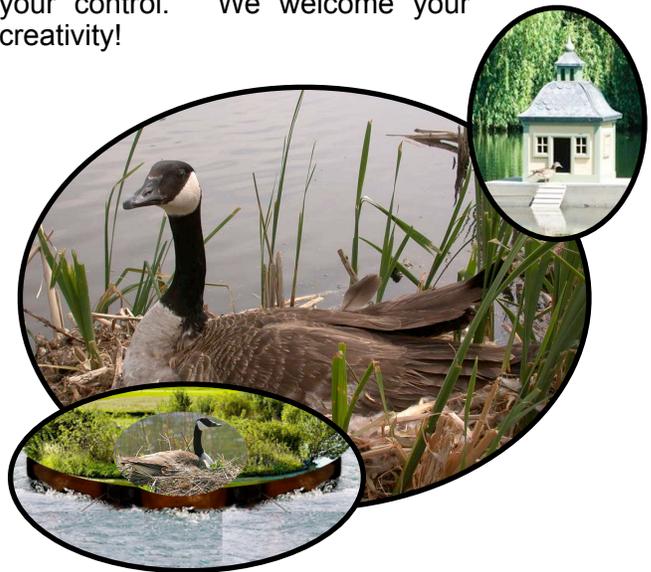
The vortex action constantly brings water from the bottom of the pond to the surface. That water is then propelled towards the shore. At the shore it is then pulled back down in this three-dimensional dynamic system. There is no place for mosquitoes to find stagnant water in this pond!



**Water fowl habitat** is an important benefit of floating CirCulator's™.

Ponds and lakes provide a "golden opportunity" to enhance water quality while improving wildlife habitat. Vortex action brings every gallon of water to the surface several times per day. Ducks and geese are attracted to the fresh, moving water. Beneficial bacteria clean and purify the fast moving water.

The floating island created by the CirCulator™ provides the perfect base for creative nesting options of all kinds. We can provide "custom" alternatives. The options are under your control. We welcome your creativity!



**Clean**  
by Design™

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