



## **USDA-CSREES 2007 National Water Quality Conference**

### [Aquatic Ecosystem Restoration & Watershed Management using a circulator](#)

For 24 years Little River Pond Mill® circulators have provided a unique in-situ processing technology that facilitates biologically active filtration and biogeochemical remediation in surface water remediation and waste water treatment while enhancing aquatic species diversity. The circulators are used for reversing eutrophication and control of undesirable or nuisance aquatic species, increasing dissolved oxygen to sustain fish and other aquatic species populations in lakes and water reservoirs; and for odour control, solids digestion, chemistry alteration and element stabilization. With 3,000+ wind machines and 2,000+ low energy consuming electric and solar powered machines installed world wide, Sunset Solar Systems Ltd. and Dagaz Environmental Inc. has the distinction of being the world leader in using renewable energy to clean up surface waters and waste waters (hydrocarbon and chemicals contamination, livestock, municipal, etc.) using the Little River Pond Mill® circulator. Following is a short list of some of the benefits of using circulators: -reduce/eliminate production of odorous and nonodorous gases; -reduce/eliminate use of potentially harmful chemicals; - reduce sludge and suspended solids; -reduce energy consumption; -reduce project costs; -reverse lake eutrophication; -control nuisance aquatic plants and harmful pest organisms; -increase in aquatic species diversity; -increase dissolved oxygen; -promote carbon sequestration by microbes; and -improve community image through odour management and environmentally friendly eco-economic waste management practices. The Little River Pond Mill® circulator is an effective aquatic ecosystem restoration and watershed management tool that can be used to tailor-make management solutions in aquatic environments such as various surface water bodies and waste water ponds and tanks/ sewage lagoons. Whether your desire is to reverse lake eutrophication, reduce or eliminate odours and solids in waste water or sewage, reduce environmental liabilities, promote environmentally friendly water and waste water management practices, improve your corporate image and reduce costs, circulators are an effective tool in aquatic environment management.

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