



introducing

(WET) Water Enhancement Technology™

by

LifeWater Sciences International



The Fountain of Life®

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The LWS ceramic ore WET systems can be designed by our Japanese team for a variety of installations similar to the photos below.



Industrial and Commercial Applications

The LWS WET systems provide the ultimate in water activation and ceramic ore technology.

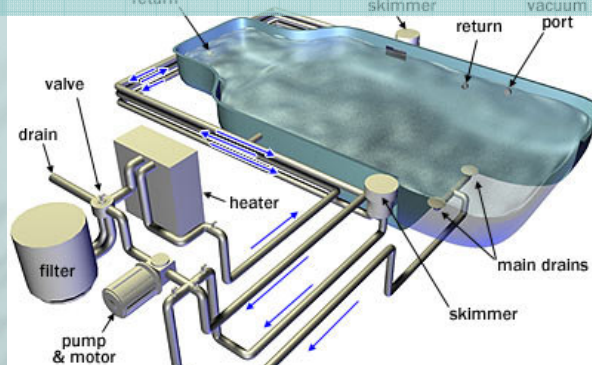


Hospitals, Apartments, Restaurant Applications

Health, Sport Club, and Swimming Pool Applications

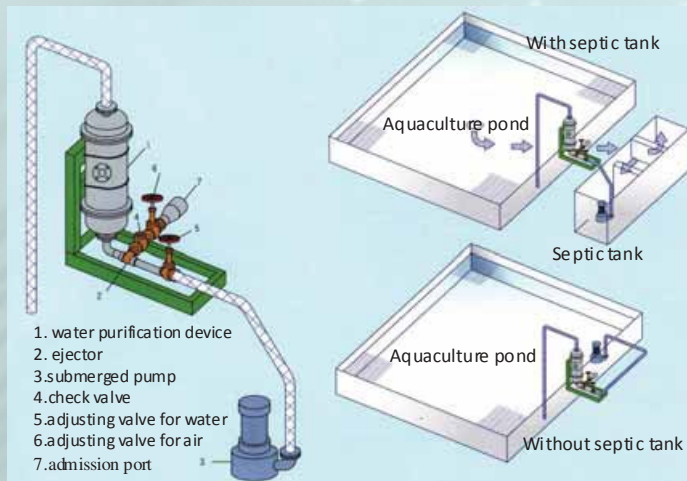


Unlimited Possibilities For Re-circulating Water Systems

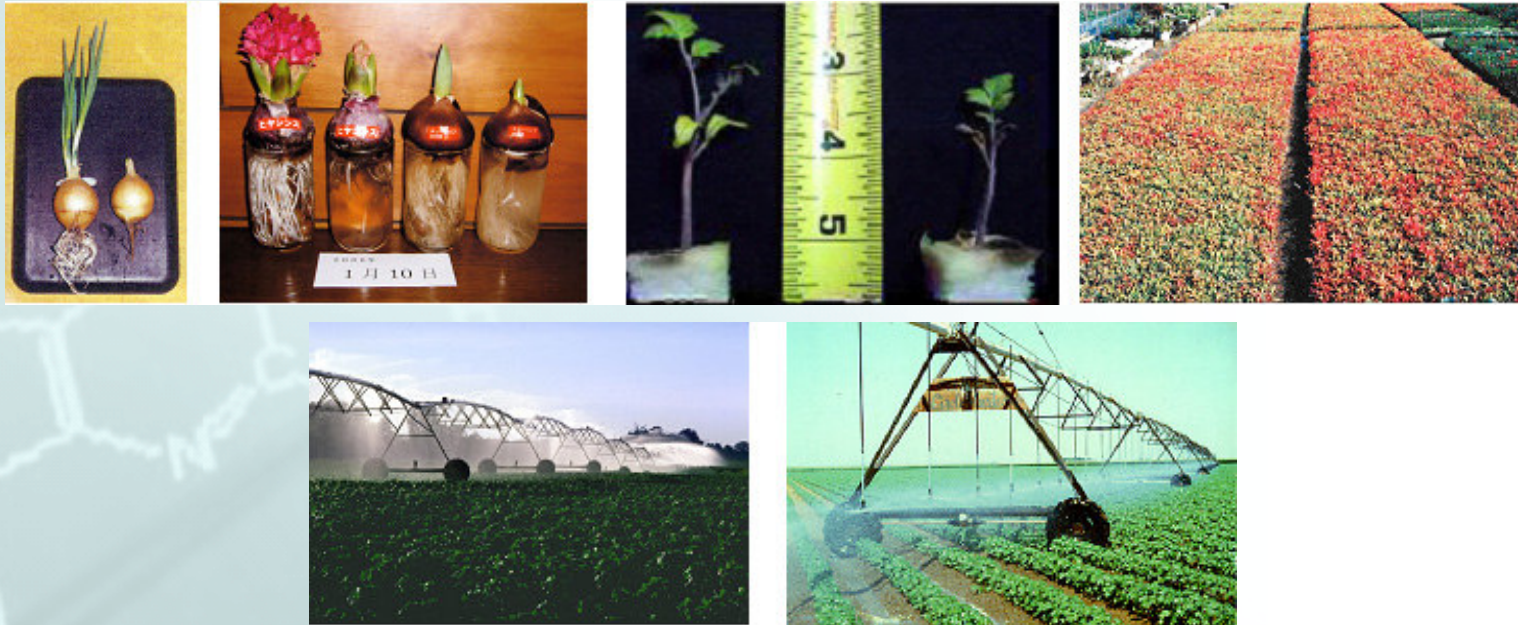


Reduction of chemicals and water treatment equipment

Water Remediation Applications



Agriculture Applications



When the ceramic ore touches water, resonation occurs enabling the water to become more soluble and absorbable; hence when the water is activated living organisms also become activated, promoting better growth and health. Green house raised plants and vegetables utilizing the LWS WET water have increased moisture and sugar content resulting in better flavors, healthier fruits, as well as an increase in production.

Livestock Applications



Animal and livestock industry utilizing LWS WET water will have many benefits including decreased odor (of fecal matter) in hog and chicken operations for both cleaning and consumption. Consumption of the LWS WET water can be effective in increasing the grade and quality of the meat, antibiotic usage can be decreased, improvement in health and immune system, and a overall decrease in mortality rate.

SRD – Scale Removal Device

In Cooling Tower operation the formation of scale, slime and algae are major concerns. Methods to control these contaminants include the use of chemicals and regularly draining of the circulating water. A far better process that is both cost effective and green technology is to use ***LWS Scale Removal Device (SRD)***.





How Does The LWS SRD Work?

By cat - ionizing the circulating water, treated water is able to absorb considerable amounts of CO₂ from the air. Ionized Ca, Si and Mg in the water combine with the absorbed CO₂ forming crystals of CaCO₃, MgCO₃ and SiO₂. These crystals, covered with cat - ionized membranes, float in the water in colloidal states. Since these colloids have the same charge, they never bind to one another nor attach to the inside surface of pipes or to the heat transmission surfaces of heat exchangers.



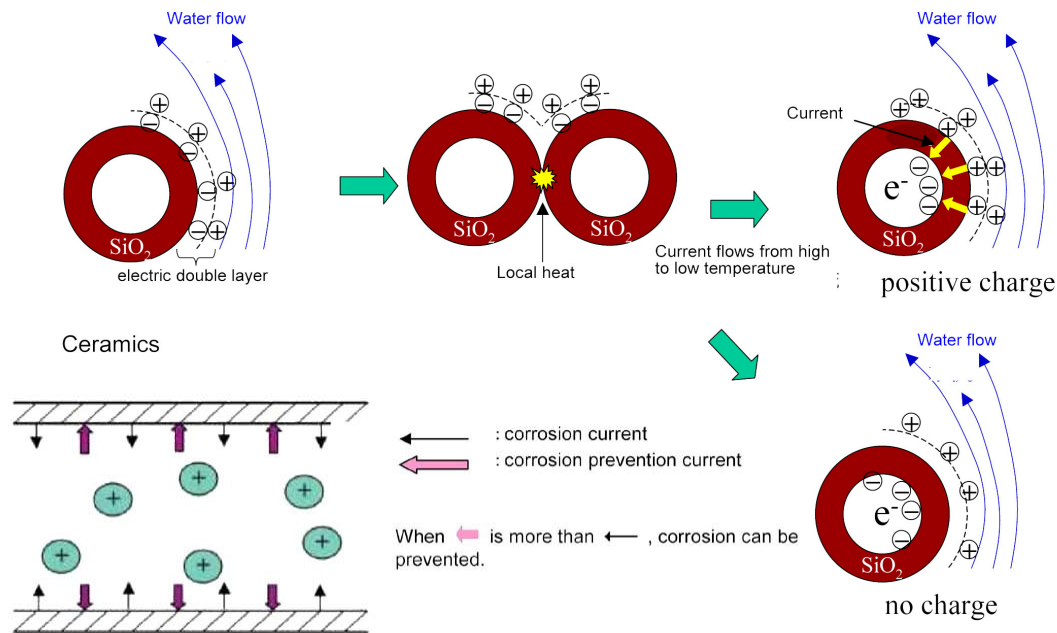
Activating water by the SRD changes the water structure. With the positive charge acceptance by using weak electromagnetic, and thermoelectric conversion effects through electric double layer formation at the interface. This occurs through friction or collision between ceramic particles by water flow (like water springing from the sand) because of the SRD. We call this system “Interfacial electro kinetic phenomenon.” The water activated by this system controls the formation and adhesive capability of scale, urinary calcification and slime deposits. This activated water also has increased detergent capabilities.

COOLING TOWER BEFORE AND AFTER PHOTOS WITH SRD



BEFORE

AFTER

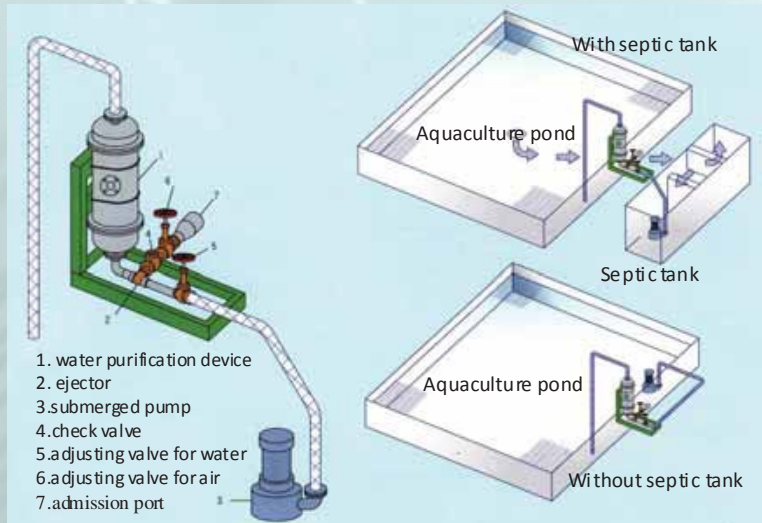


Effect of hydrogen bond formation.

The polarity of water causes hydrogen bonds to occur between water molecules. As a result, the polarity of molecules and hydrogen bonds give the water a solvent property (liquid that dissolves other substances). Hydrogen bonding plays an important role in nature. It is a unique function of water, which is an essential liquid for all organisms. The function of ceramics and the principle of interfacial electro kinetics the ceramic surface has negative zeta potential. It improves "the effect of polarization" and "hydrogen bond formation" in water. It also has the ability to increase "the interaction with the substances that have unpaired electron formation."

LWS WET SYSTEM FOR AQUACULTURE

A unique system developed by our Japanese team which promotes a healthier environment for fish farms or other types of applications where water maintenance and balance is a crucial factor. The LifeWater WET system sustains a more natural and cleaner environment ensuring a higher degree of health for fish and other water organisms. Benefits of The WET system include;
Less chemicals - Reduction of runtime for boilers/heaters in maintaining water temperature - Improved growth rate and fish quality.



WET

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Economically Sound Environmentally Smart

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Evolution in enhancement of
water, health, and the environment.