

# Emerald Earth

Nature Does It Best

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## **EM®: A Regenerative Magnetic Resonance That Enhances Life Itself**

Excerpts taken from *An Earth Saving Revolution II* by Dr. Teruo Higa

Water is the medium by which transference of “the information of life” takes place. The transfer of information occurs because each single molecule of water is a dipole, containing both a positive and a negative pole which functions like a magnetic tape. All life possesses its own distinct magnetic resonance, and it is this magnetic resonance which is recorded within water molecules. Water absorbs magnetic resonance from the matter it comes in contact with and transfers it to other substances.

Two types of magnetic resonance exist. Magnetic resonance that is positive and beneficial to life, and those that are destructive or deleterious. Still these are not the only factors at work. Even when the magnetic resonance of a substance is naturally positive and beneficial, it may not be transferred accurately. The property that enables a substance to emit magnetic resonance accurately is dependent on the purity of that substance. Information transfer can be hampered in one of two ways: when the substance itself has lost its purity, or when water, the medium of transfer, is polluted. The most common obstacle for correct transference of magnetic resonance is oxidation, a process caused by activated oxygen or free radicals. A total loss of accurate magnetic resonance occurs in matter when it begins to break down due to oxidation. Many chemicals and pollutants can cause oxidation and free radical production. While free radicals are absolutely indispensable to all living things, in excess they constitute the source of all disease. In order to sustain health one needs the capacity to prevent excessive oxidation.

Water has the ability to assume the properties it absorbs from other substances, adopting or “mimicking” them and manifesting them as its own. It is as moisture that water absorbs magnetic resonance, so water either in liquid or vapor form can receive and transfer magnetic resonance. Even polluted water, when distilled can manifest a bitter taste, despite the fact it should not be corrupt after distillation. This happens because water retains the information transferred to it from pollutants within its molecular structure resulting in the same properties being manifested time and again even after the form of the water has undergone a number of changes.

There are a number of processes to which water can be subjected to remove corrupt or polluted information. These include high-voltage treatment and irradiation using far-infrared rays, intense magnetic field treatment, or the production of ionized water by means of electrolysis. Another natural process by which detrimental information can be eradicated from water is, as vapor when it rises to the upper atmosphere where it is purified by the action of sunlight. But the upper atmosphere has become so polluted that water, even uncontaminated water rising into the upper atmosphere, can absorb detrimental information. This is one reason why water pollution problems have become so extreme. Earth-sourced pollution is being exasperated by pollution in the upper atmosphere.

### **How Do the Microorganisms of EM® Work in Clay?**

EM® Ceramics possess an extraordinary capacity for removing information of any kind from water. Ceramic material has a natural capacity to perform ion exchanged and far-infrared radiation, eradicating information contained in water molecules and restore them to their original state of purity. EM® possesses an extraordinary capacity to prevent oxidation, Not only is it able to prevent oxidation, but it is also able to elicits beneficial magnetic resonance of the regenerative type. Therefore, EM® ceramics are able to steer matter in the direction of regeneration. EM® ceramics act as a medium to transfer information from the EM® which has been fired into the clay to water. Any detrimental microorganisms, which have the capacity to produce oxidation, are unable to survive high temperatures. Firing the clay ensures that only those microorganisms that are beneficial remain. As a result, the magnetic resonances of EM® ceramics are beneficial in nature.

Clay is an electrically charged colloid which, when its electrical properties become dense, assumes the form of a template capable of duplicating information possessed by the microorganisms. The theory that life originated from clay can be said to have its origins in the fact that clay does have the capacity to accept and fix (bind within itself) only a multiplicity of diverse electronic resonance or information.

When brought into contact with water, EM® information will be extracted from the clay and begin to proliferate. This is the theory, and already numerous examples exist to confirm that this is the case. For example, information distorted by disease is transferred to water. Animals are given only this water to drink. Although the water they are drinking contains no poison per se, the animals drinking it react as if they have been drinking water containing poison and will grow increasingly weak. This is an observable phenomenon. The reason it occurs is because the magnetic resonance of the body becomes distorted as a result of the contaminated information transferred to it through the medium of the water. Although this presents no particular problem in a health body with a strong immune system with the capacity to control oxidation, should the immune system become weakened, ultimately it could prove fatal. This is a condition beginning to make itself apparent the world over. Distorted information due to water pollution is being transferred to the waters of the planet. Since little is being done to reverse water pollution, prevent it, or improve the situation, the mutual distortion of information continues. As distorted information is replicated, ultimately everything will become affected. EM® and EM® ceramics can effectively be used to reverse this trend.

### **EM® Ceramics: Better Drinking Water and More Effective Effluent Treatment**

EM® Ceramics effectively and efficiently bring about decomposition of organic matter and chemical substances that have found their way into drinking water. Despite the fact that municipal corporations spend vast sums on sewage treatment, chlorination and sludge are major causes of secondary pollution. EM® Ceramics offers an inexpensive way of purifying water that does not create sludge, does not require the use of chlorine and does not result in any form of secondary pollution.

The average household currently consumes water at a tremendous rate. It is estimated that on average a person uses as much as 250 liters of water daily. Cooking and laundry account for 50% of domestic water consumption, whereas toilet and shower facilities account for 42%, leaving drinking water accounting for less than 10% of the total water consumed. Water recycling using a combination of EM® and EM® Ceramics can produce clean water for laundry, toilet, and showering, leaving the need for more extensive purification processes for only the water used for drinking and cooking. When we consider that of the three major sources of wastewater, industrial, agricultural and domestic, the last, domestic wastewater is the major source of water pollution, the idea of recycling domestic wastewater can clearly be seen as having considerable practical implications. Until now the idea of purifying and recycling polluted water to enable it to be re-used repeatedly has been impractical in terms of the cost involved, but now it is possible. EM® and EM® Ceramics offer us a way out of this predicament.

Domestic wastewater accounts for as much as 55% of all water pollution. The conventional approach to a growing community's wastewater problems is to increase the number and capacity of sewage-treatment facilities. But maintaining the sewage system is not going to bring about any dramatic reduction in the degree of water pollution. The solution requires reducing overall pollution across the board: in the home, the sewage system, final-stage sewage-treatment, and raw-sewage treatment facilities. Since private homes constitute the major source of municipal waste water, every household could install a simple standard three-step septic tank and use EM® in conjunction with EM® ceramics to purify and recycle the wastewater generated by that household.

Hot springs are another area where this technology can be applied. Many hot springs have taken to re-circulating their water, a practice that can create problems related to hygiene. Once people have bathed in the hot springs, they can become contaminated, but in the past, purifying the water was considered too expensive. It is possible to use a combination of EM® and EM® ceramics in conjunction with a water filtration system to clean the water. The water would not only be purified, but it would also enhance the water's health benefits.

Experiments using EM® ceramics are also underway in breeding grounds in Ise Bay and around Shikodu which suffer from sludge and water pollution problems, and requests for EM® ceramics for the treatment of sludge in ponds and other waterways are also on the increase in Japan.

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