

# Health issues from drinking desalinated and demineralised waters.

Many people are currently drinking desalinated, demineralised, alkalised, distilled and deuterium depleted waters believing this so-called purified water is better for their health. Also, there are water filtering technologies that claim to extract chemicals from water and add resonance energies to the water. The addition to drinking water of toxic compounds like fluoridation ( $\text{Na}_2[\text{SiF}_6]$ ) and chlorination ( $\text{HOCl} + \text{HCl}$ ) further adds an energy load on cell detoxification and repair. All of these technologies and chemicals have adverse effects (stress) on cell health.

This essay questions the validity of denaturing water based on the chemistry of water, and suggests an answer through restructuring these toxic, dead waters to **structured water**.

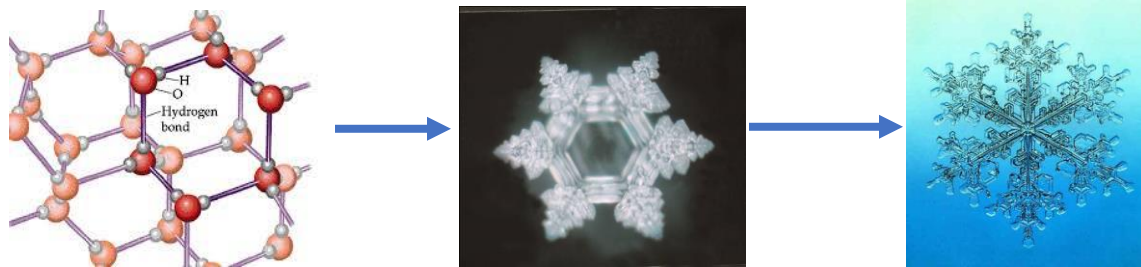
The chemical properties of waters are insignificant compared to the energy or electrical properties of **structured water**. **Structured water** is water in its natural, pristine, flowing state. Structured or **syntropy** (life-affirming) water state is the **highest energetic form of water**. However, 99.9% of people are drinking de-structured water (ie. urban water) and this is the lowest energetic form of water, and often described **entropy** (decayed) or non-living water.



Water in nature becomes structured through the natural, vortex motions as it travels on, above and in the Earth. It is the energy of water that sustains its natural structure and negative charge, and not the chemistry of water. These natural motions of pristine, flowing water enhance water's ability to uptake and release nutritive elements and minerals in both physical (mass) and energetic forms to our cells. That is, every element (eg. mineral) is unique in its physical and energy form, and essential for cell life.

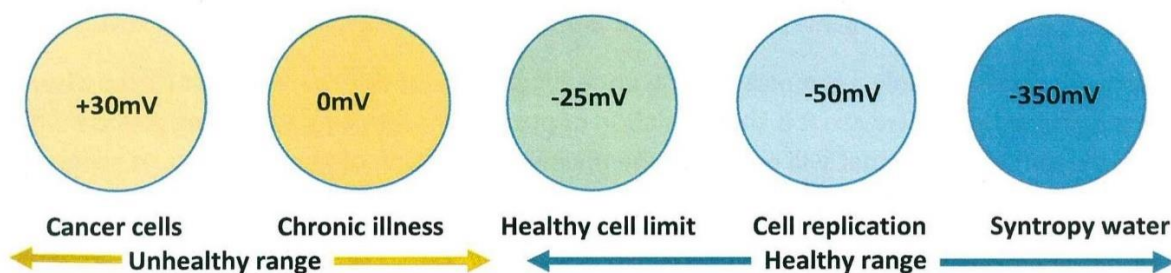
That is, when water is denatured and marketed as a pure form of water, in effect, the science of water is at best being misunderstood and at worst misrepresented or ignored. Consequently, people's health is being compromised due to a lack of minerals, the **natural negative charge** in

structured water and potentially dehydration from drinking de-structured water. That is, when denatured water is consumed, the natural, hexagonal, crystalline structure of water that is stored within cells as a gel, is lost and this loss gradually degrades cell health. This then starts a pathway to disease.



The crystalline structure and negative charge in structured water is highly dependent on the source (mineralisation) and environment of the water (eg. light, biology exposure). However, structured water crystals have amazing properties, including the ability to *transform energy from one type to another*. For example, the structured water in a cell can receive, store (cohere) and emit light. These biophotons or particles of light, with no mass, **transmit information within and between cells**. The DNA in living cells stores and releases photons creating **bio-photonic emissions** that are critical to **cell functions** that involve regulation and healing. So, why is cell function and the gel form of water in cells important?

Every cell on this planet operates at its fullest potential when the negative charge of the cell water gel (80% of the cell volume, in the cytoplasm) is -50mV or better. When the cell charge falls towards a near positive (+) charge through cellular stress, due to poor quality drinking water, diet (nutrient deficiency), chemical toxicity, poor lifestyle choices and exposure to radiation, then the body organs and systems become diseased.



Our ancestors have intuitively known through antiquity the value of drinking and bathing in structured or syntropy (life-affirming) water and consumed structured water every day.

Water is denatured and converted to a **destructured water** through reverse osmosis, desalination, distilling, radiation, and deuterium depletion processes, before being eventually stored in containers. These technologies are based on the myth that ground and surface

waters are chemically and biologically not pure. Demineralised water is only found in nature in rainwater and then it is further denatured by storage in a tank. Most bottled spring water has been denatured by reverse osmosis, and while some desalinated water has minerals added before consumption, the water remains denatured. All of these processes are centered on the *chemistry of water* and ignore the **energy or properties of negative (-) charge, structured water, and its role in cell health.**

The World Health Organization (WHO) released a study with sufficient evidence of health risks associated with drinking demineralised water, based on experimental and observational studies. Also, experiments had been conducted on laboratory animals and human volunteers. While observations were collected from populations who drink desalinated water as well as individuals drinking reverse osmosis water, and infants given beverages made with distilled water. The WHO Report concluded that desalinated or demineralized water without further mineral enrichment might not be fully appropriate for consumption as it contributes to a mineral imbalance in cells. Drinking water of low mineral content conclusively showed that it had a negative effect on functions in the body that control water retention, dehydration, and mineral metabolism. This imbalance increases urine output (and thus the additional loss of calcium, magnesium, potassium, and chloride ions), changes the balance of minerals and water inside and outside cell membranes, and affects adrenal hormones that are key to managing cell water balance.

In 1993, the German Society for Nutrition came to the same conclusions and warned the public against drinking distilled water. This society explained that water in humans always contains specific concentrations of electrolytes that are controlled by the body. For example, blood requires 12gm of sodium per litre and 20% of blood is equivalent to sea water in terms of % mineral concentration. Electrolytes are electrically charged minerals such as potassium and sodium. When drinking demineralised water our intestines have to add electrolytes to this water first, pulling them from cell reserves. This leads to the dilution of electrolytes and insufficient body water redistribution which may compromise the function of vital organs (eg. heart, blood, kidneys). At the early stages of depleted electrolytes, the health symptoms may include fatigue, headaches, weakness, as well as muscle cramps and even heart rate abnormalities.

## Solutions

It is the dynamics of energy that determines the degree of order or disorder in patterns in water. This energy is usually described as either entropy (entropic structure) or non-entropy (non-entropic or syntropic structures). **Entropy** defines something that, left on its own over time, will gradually decline into **disorder**. This is the case when structured water is taken from a pristine, flowing stream and is stored in a container: it converts from a six-sided crystalline structure into a five-sided crystalline form (unstructured). Consequently, the urban water (and most other fluids) that most human's drink on Earth is unstructured (entropy) water. **Syntropy**

(non- or negative entropy) describes something which does not decay or decline, however when left on its own over time will progress or change into a state of higher function or **order**.

Therefore, the burning question is how do you fix denatured water simply and efficiently? In 2012, **Phi'on** completed research and development of a unique water restructuring device to **convert denatured and destructured water into structured (ordered) water, with a permanent negative charge**. This world leading technology has a range of devices suitable for **domestic, food production, industrial, commercial, and public utility uses**. The devices are patented, trademarked, and hold an industry certified WaterMark.



### Phi'on device uses.

Device size and name	Uses for restructuring water
<b>½" bottle top: Apollo</b>	<b>Water, bottled water, wine, milk, juices, and other liquid products</b>
<b>½" inline: Iris</b>	<b>Under-sink, shower, sprinklers, outdoor taps, caravans, etc.</b>
<b>½" inline: Rhea</b>	<b>House (between meter and house), heating systems, boilers, etc.</b>
<b>¾" inline: Athena</b>	<b>House (between meter and house), small tank systems</b>
<b>1" inline: Proteus</b>	<b>Bores, farm tank and dam supplies</b>
<b>1&amp; ¼" inline: Orion</b>	<b>Bores, farm and tank supplies, small industrial systems</b>
<b>2" inline Zeus</b>	<b>Bores, viticulture, and other small irrigation systems</b>
<b>4" inline Rollo</b>	<b>Irrigation, cruise ships and other medium sized water supply systems</b>

In a nutshell, when denatured or destructured water flows through a Phi'on water device the water is transformed into structured water. It is the crystalline structure and negative charge in this water that **returns the water to its highest energetic form for cell life**. This process can be enhanced by remineralising the water with either concentrated seawater or a complex salt/sea salt, at a rate of about 0.3% of volume. For example, this would be necessary for all water that has been demineralised (osmosis) and desalinated. Also, structured water can neutralise chemicals and pathogenic microbes.

### Conclusion

Water is the greatest solvent of anything in the universe. Water in a structured, negative charge form, can receive, store, and transmit information, along with light energy (photons) minerals and other nutrients. It is this process that enables life, or the energy of life. However, destructured water (ie. urban drinking) is in a form that does not have the structure (consciousness) to store natural frequencies at an optimal level to support cell function. It is only when people drink structured water on a daily basis that cells reach an optimal function or syntropy.

Consequently, and due to the presence of water in cells in a gel form, our DNA is more than a data storage unit. It is a quantum antenna able to send and receive data. DNA has access to a vast pool of information outside of our 3D (mass) dimension. It creates scalar waves and receives them from our universal environment as if they are in tuning into the *frequency*. No information gets lost through this super advanced *water sensing* inside our cells. Our brain is a tuning machine and information (memory) is not stored in our brain. Our brain is an *interface* or *modem* that creates a connection to a higher dimension of information. The electromagnetic energy facilitated by our brain enables all cells in our body to resonate in coherence. Each cell DNA structure reinforces this energy (information) field. Our mind is a process of our consciousness (energetic awareness) and this body energy is interacting at billions of processes every second with our environmental or the universal energies.

Life is full of individual, energy choices, and possibly the greatest impact choice for human and animal health is the quality and integrity of drinking water. This includes other drinking fluids, such as milk, wine, spirits, juices, etc. Also, businesses, corporations and public utilities have a responsibility or duty of care, to deliver water that has the highest possible quality and integrity for human and animal health. At the moment, water is only regulated based on chemistry and biology factors and **NOT** water structure and charge.

It is for these reasons that a new approach to health is required to enable all people to have access to negatively charged, structured, syntropy water for drinking, food production and food preparation. **Syntropy drinking water and syntropy water in fresh organic food, contains the storage phenomena of forces that drives life to its fullest potential.** Ready public access to syntropy water is the main way to arrest the rapid decline of human health towards chaos. Any improvement in the global status of human health will reverse the inevitable economic and social chaos, particularly in the developed world.

The key question arising from the factors that differentiates the **Phión Syntropy water** device results from other commercial technologies is the fact that the **Phión Syntropy Water permanently retains its negative charge.** The only explanation for this difference is that the **Syntropy Water devices create another time and space dimension to the six-sided crystalline structure in the water, that creates a permanent bond between the water molecules, and this prevents the exposure of the bonding to disorganisation, ie. prevents entropy (including oxidation) or cell degradation/decay.**

Further information is on [www.meawater.com](http://www.meawater.com) (Information Papers: including an expanded paper on safe drinking water)