



Think Beyond The Sink



eBook by
StructuredWaterUnit.com

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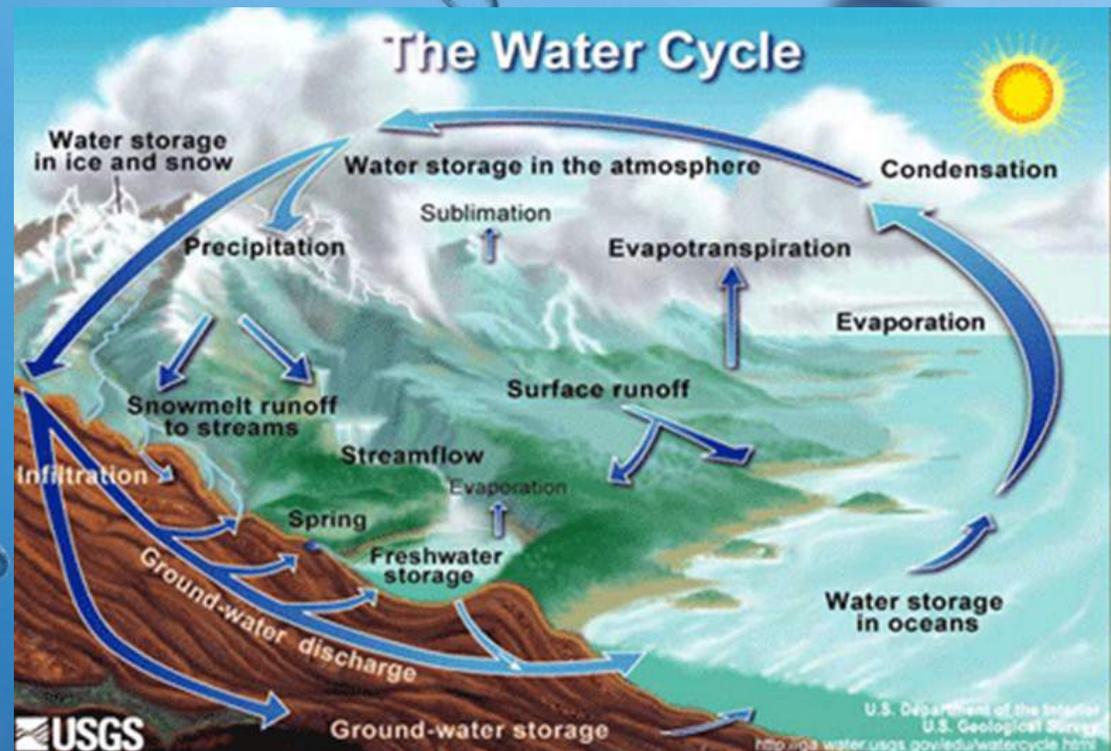
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Chapter 1

What is Structured Water?

Structured water might be thought of as purified mountain water. It is helpful to understand the water cycle. Fresh water begins in the ocean. As water evaporates, the water rises into the atmosphere. If it were not for dust particles in the air, the water molecules would not fall back as rain. A molecule of water attaches itself to a dust particle, which in turn gathers more and more molecules until it gets heavy enough to fall to earth in the form of rain. Today, because of industrial pollutants, sulfuric acid and other contaminants, rain returns to earth as acid rain. This contaminated water enters our forests, rivers and lakes. Other chemicals are introduced, such as chlorine. The water that falls to earth as acid rain is cleansed naturally in the process. Salts, heavy minerals and other contaminants are deposited in the good earth. Our forests and lakes are contaminated in the process. A Structured Water Unit restructures the water just as a mountain stream restructures the water in a river as it flows through gravel, rocks and underground.

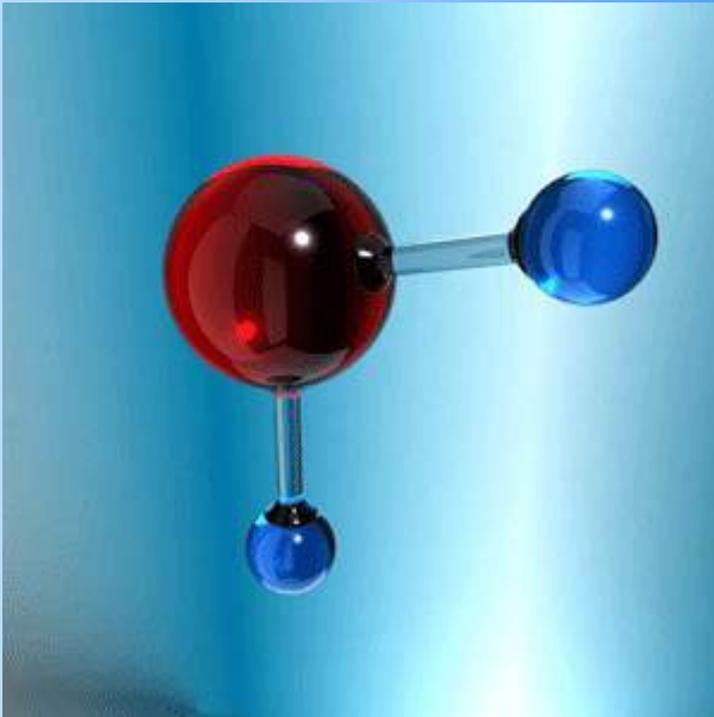


Chapter 2

Molecules and Movement

Molecules

Water molecules are attracted or loosely attached to each other through hydrogen bonding. In normal water, this attraction makes water “cluster” together in large assemblies of water. These clusters have size and shape; both their size and shape can affect biological organisms.



The water molecule, made up of two hydrogen and one oxygen atoms (H_2O), is what most of us think of as water. The true picture is a little more complex. These molecules appear to be very gregarious. They like to get together and are seldom found alone. They will cluster in groups from five molecules to over 600 molecules. These groups are not static. Water molecules will switch from one group to another very easily and do so often. Hydrogen bonds are made and broken several times a nanosecond. This creates the unimaginably dynamic energy environment of water. It is the size and shape of these clusters of molecules in their never ceasing interaction that is the “structure” of water.

Movement

Water loves movement. Surface movement includes rivers, streams, creeks, lakes, ponds, and human-made "flood" control. All surface water is trying to reach sea level due to gravity. As water flows in channels, the stream bed and banks of the channel will resist the flow of water. The velocity of the water is dependent on the steepness of the slope, type of rock or soil, amount of vegetation, shape of stream bed, and obstructions. Surface water provides the liquid where most evaporation takes place. Movement helps ionize and energize the minerals in water. When water arrives at its destination via pressurized pipelines around the world, it is tired and lifeless. Another way water loses its life force is when it remains stagnant, especially in strong sunlight. Water accumulates harmful microbes and wastes when it is motionless. Water that is allowed to move freely- even if it is exposed to the sun- also stays cooler than stagnant water. This is because of the vortices water produces as it moves.



Water Spirals and Vortices

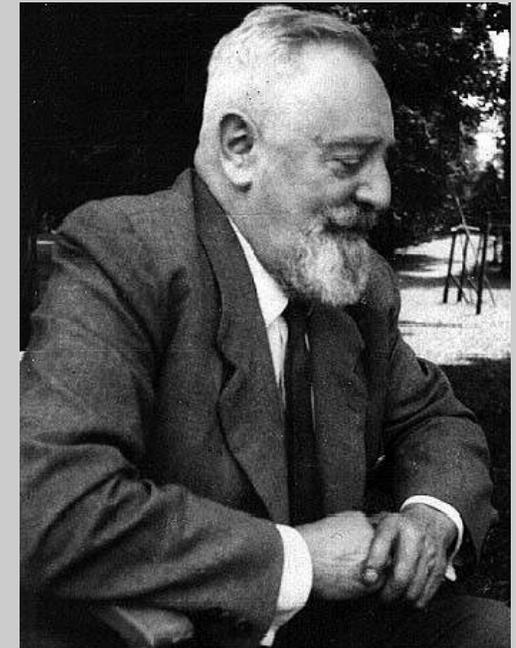
Water naturally tries to spin. It flows freely over rocks and sediment on its way downhill. Each time it encounters an obstacle, the forward motion is stopped as water curls inward, forming a spiral. This is one of the ways nature gathers energy and brings life to water.

The spiral – nature’s way of gathering energy.

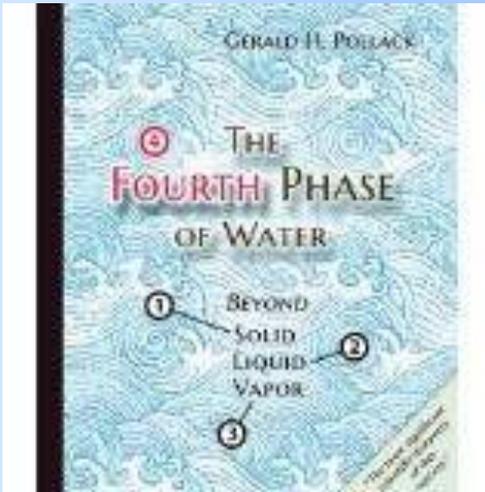
Viktor Schauberger, the legendary Austrian naturalist, spent much of his life studying water. Many of his inventions are based on vortex technology. Viktor’s observations convinced him fast running, vortex-filled streams are more “alive” than stagnant water.

For Viktor, nature is the foremost teacher, so the task of technology is not to correct nature but to imitate it. This was the principle that guided him throughout his life, ‘first understand nature and then copy it.’

Nature frequently uses the hyperbolic spiral which is externally centripetal and internally moves towards the center; such spirally movements are found in the spiral nebula of galaxies in space, in blood and sap, and the natural flow of water.



Dr. Gerald Pollack, Professor of Bioengineering at University of Washington, has made amazing breakthroughs while researching water and its properties. Professor Pollack has earned many distinctions, medals, and honors. *The Fourth Phase of Water, Beyond Solid, Liquid or Vapor*, defines structured water.



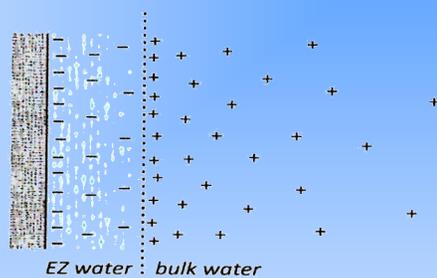
Dr. Pollack’s research shows that structured water contains more oxygen than bulk water. Vortexing or swirling, puts water into continuous contact with oxygen, both from the air above and from bubbles trapped beneath. Thus water continuously mixes with oxygen, enabling structured water to build. Furthermore, substances moving past air inevitably becomes negatively charged, and the negative charge promotes structured water to build.

His groundbreaking research over the last decade defines water (H₂O), and structured water (H₃O₂), and how the water in your cells impacts your health. We must now think differently about our water.

Read several chapters of Dr. Pollack’s book at the link below:

[www.ebnerandsons.com/products/the *fourth phase of water*](http://www.ebnerandsons.com/products/the_fourth_phase_of_water)

INTERFACIAL BATTERY



This battery comprises the exclusion zone and the bulk water zone beyond. The respective zones are oppositely charged, and the separation is sustained, as in an ordinary battery.

RADIANT ENERGY



Radiant energy charges the battery. The energy comes from the sun and other radiant sources. The water absorbs these energies and uses them to charge the battery.

Chapter 3

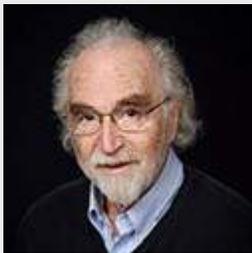
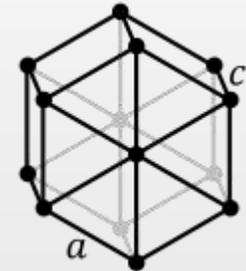
The Science of Structured Water

Time to Think Beyond the Sink!

H₂O and H₃O₂

The Fourth Phase of Water, Beyond Solid, Liquid, and Vapor

Structured water's molecules - a hexagonal liquid crystalline structure.



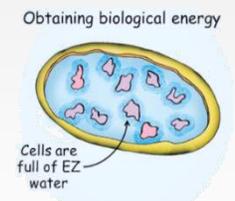
Dr. Gerald Pollack, University of Washington Professor of Bioengineering, has developed a theory of water that has been called revolutionary.

Uncovering nature's secrets involving water seems to be what Dr. Pollack, his staff and students do best.

One of Dr. Pollack's earlier books - *Cells, Gels and the Engines of Life* - is about the biology of water. The book is about the cell and how it functions. Research suggests that much of the cell biology function may be governed by a single unifying mechanism – the phase transition.

Water is absolutely central to every fundamental function of the cell – whether it's muscle contraction, or cells dividing, or nerves conducting, etc.

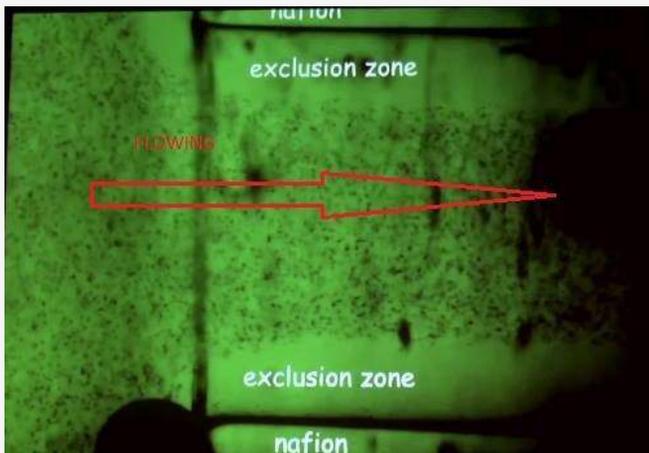
This extraordinary book challenges many of the concepts that have been accepted in contemporary cell biology. The underlying premise of this book is that a cell's cytoplasm is gel-like rather than an ordinary aqueous solution.



The key to Dr. Pollack's entire hypothesis lies in the properties of water. The water molecules become structured in arrays or strata when they interact with charged surfaces such as those presented by proteins. The cell's water is potentially structured. Water stays put in the cells because it's absorbed into the protein surfaces. Structured water adheres to the proteins of the cells.

Structured water does not have the same properties as bulk water. Water is the carrier of the most important molecules of life, like proteins and DNA. *Cell, Gels and the Engines of Life* presents evidence that water is absolutely essential to everything the cell does. Water in our cells is not like water in a glass. It's actually ordered. It's ordered pretty much like a crystal. Like ice, it excludes particles and solutes as it forms. Structured water forms an exclusion zone that excludes particles and solutes.

The only way many of the properties of water can be explained is by understanding that water has a unique molecular structure.



Structured water forms an exclusion zone that excludes particles and solutes.

Bulk water is H₂O.

Structured Water is H₃O₂ (exclusion zone).

There is a hexagonal crystalline structure between water (liquid) and solid.

This type of structured water with an exclusion zone is discussed in Dr. Pollack's book:

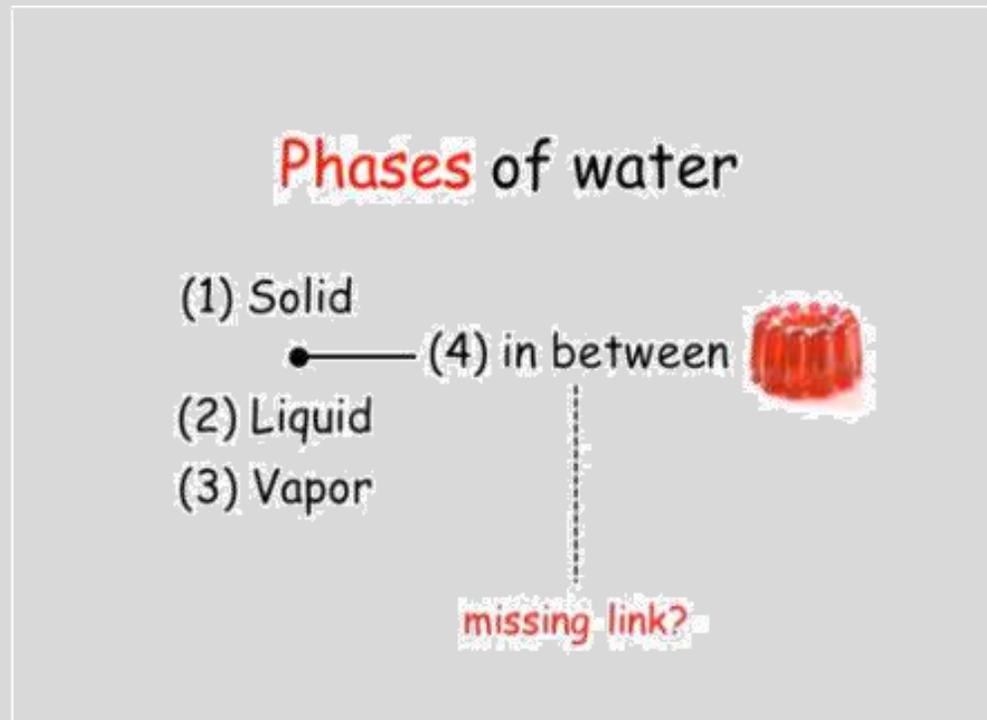
The Fourth Phase of Water, Beyond Solid, Liquid, and Vapor

If you count the number of hydrogen's and oxygen's, you find out it's not H2O.

Bulk water is H2O.

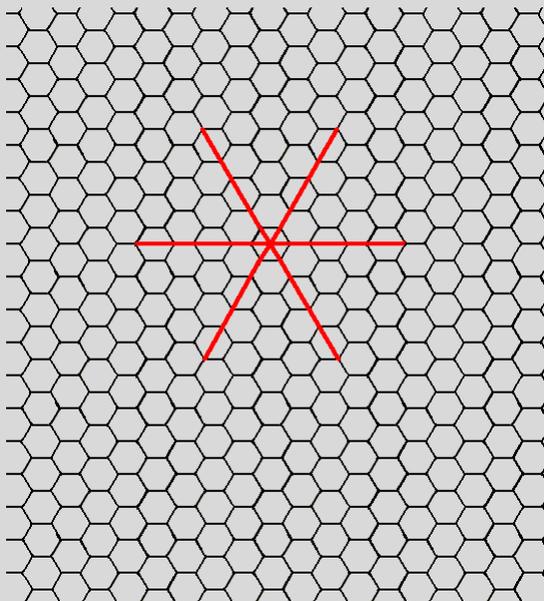
Structured Water is H3O2.

A hexagonal crystalline structure between water (liquid) and solid.

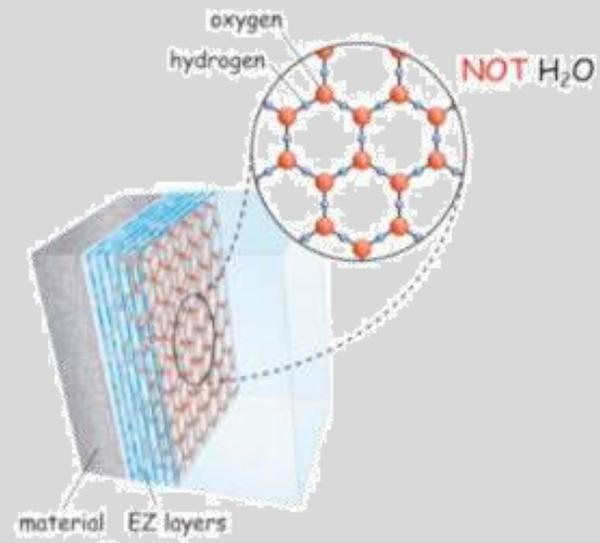


Ice	Structured Water	Water	Vapor
Solid	Liquid Crystalline	Liquid	Steam

Structured water is a hexagonal crystalline structure between liquid water and crystal.



Hexagonal structured crystal sheet.



H3O2 molecular level (Structured Water)

The Fourth Phase of Water / EZ Water / Structured Water

The reason this fourth phase of water is called **the exclusion zone or EZ** is because the first thing Dr. Pollack's team discovered is that it profoundly excludes things. Even small molecules are excluded from structured water. Surprisingly, structured water appears in great abundance, including inside most of your cells. Even your extracellular tissues are filled with this kind of water.

Where can we get structured water?

Spring Water | Under pressure (deep in the ground), spring water becomes structured.

Glacial Melt | Ice turns into structured water (EZ water) when melting... THE PHASE BETWEEN LIQUID AND SOLID IS STRUCTURED WATER.

Vortexing | A vortex occurs naturally in nature, as in streams, rivers, waterfalls, etc. The vortex is a kind of mechanical perturbation or agitation. Vortexing is a very powerful way of increasing structure, such as a Natural Action Structured Water Unit.

Juicing | Juicing is water that comes from plant cells. Structured juice water!

Antioxidants | Most of the tissues in our body are negative. Our cells have a negative charge. Oxidants are a positive charge. Antioxidants maintain the negative charge in our body.

Sunlight | Sunlight is critical to our health. Light builds structured water (EZ water).

Circulation | Red blood cells work their way through capillaries; light is the driver of flow. When you add light flow increases. Something other than the heart (pressure) is driving the blood.

Infrared Light | Energy is generated everywhere. Infrared light drives the processes in your body.

Pollack, Gerald H., Ph.D. *The Fourth Phase of Water, Beyond Solid, Liquid, and Vapor*. Seattle. [Ebner and Sons Publishers](#). 2013. Print

The Fourth Phase of Water. It starts with the basics of what we know about water... From simple experiments we figure out this fourth phase of water. What's the nature of this fourth phase? Why is this interesting?

It applies to everything water touches. It's in the sky and the clouds. It's in the oceans, lakes and rivers, ***and it fills the inside of our body!***

There is evidence that (exclusion zone) structured water is physically different from bulk water. Dr. Pollack's tests show structured water:

Molecules are more constrained (NMR) (nuclear magnetic resonance)

Molecules are more stable (infrared radiation)

Has negative charge (electrical potential)

Absorbs at 270 nm (light absorption spectrum)

Is more viscous (falling ball viscometry)

Molecules aligned (polarizing microscopy)

Molecular structure different (IR absorption – Infrared absorption)

Optical properties different (refractive index)

Light hits water and separates the charge – creates potential energy and builds structured (EZ) water which builds your cells.

Water converts electromagnetic energy into mechanical energy of flow. We receive this energy just like plants...do we use photosynthesis? The research suggests we might use light in some way. If you think about it, the plant that is on your window sill, it is doing the same thing. It is taking light energy and transducing that light into chemical energy which drives metabolism, bending, and growth. The energy is coming in and it is getting transduced into some kind of potential energy from which you can get a lot of interesting things. You cannot really think about water without thinking about energy. Some of this energy may contain information. That is another story beyond this.

The Main Conclusions

-  Water is not just solid, liquid, or vapor - Water has 4 phases. Another phase of water (between water and ice) is different.
-  Since our cells are full of structured water - it's best to drink structured water to improve your health.
-  The molecular structure of structured water is different than bulk water.
-  It's hard to separate energy from water.
-  Our cells are missing water/ hydration.
-  Structured water is getting energy from the environment at all times - taking in energy and transducing into other kinds of energy.
-  Water is centrally tied to your health. Maintaining the proteins inside the cell allows the protein to do what it normally does. If the structured water (EZ water) is missing in the cell, the function is not optimum - you need to replenish it to build back up to optimum function.



The Natural Action Structured Water Unit

The Natural Action Structured Water Unit by Natural Action Technologies, Invented by Clayton Nolte, is a new technology for water treatment that utilizes nature's own methods, producing cleaner, softer, smoother water without the use of chemicals, filters, salts, electricity or complex metal alloys for a truly maintenance-free water conditioning system.

This new technology employs an innovative application and advanced understanding of the vortex phenomenon utilizing the dynamic characteristic of water itself to create a “fluid machine” that works at the molecular level. This “fluid machine” alters the molecular structure of water, activating and retaining the healthful benefits of minerals and characteristics, while excess suspended solids, contaminants and sediment are dynamically isolated.

The fluid machine is a multiple vortex. It makes the water spin in both directions simultaneously at multiple times. That aspect of vortexing has a great attribute to fixing water. Water is the machine; no moving parts, no chemicals, no magnets, nothing to interfere with. Water works upon itself. Water is working on itself, cleaning itself. The units have geometric forms inside. Flow form devices, basically, that cause the water to, in an extremely short period of time, structure itself.

Clayton Nolte, is a researcher and inspired inventor of life transforming structuring technologies. He spent the last forty years exploring physics, math, and the properties of water, and the effects it has on life. During his research, nature's own structured water became a unique reoccurring phenomenon of appearing where no water should. Clayton delved into the inner world of water and created an innovative line of water structuring units. These devices are called Natural Action, Structured Water Units. They can be found at

StructuredWaterUnit.com



In a Natural Action Structured Water Unit the water is jostled like water in a natural flowing river. This natural flow will re-balance water. Think what this can mean to your family's health and well-being. You can drink balanced water directly from your tap. And one of the best parts of the Structured Water Unit is that there are no replaceable parts, so you don't have to buy replaceable cartridges like you do with most water filter systems. Think of the savings: Not having to buy cartridges, bottled water or pay to fill your own container. No more plastic bottles to buy and dispose of in the land fill. Plastic bottles have become a problem to the environment. You must try this structured water to feel it. Water, the way nature intended.



Specially tuned geometry creates an energy environment for water to structure itself. This gives water a lower surface tension and better hydrating properties. This geometric technology breaks up large low energy water molecule clusters into smaller high energy clusters. This innovative technology eliminates negative energy patterns and redefines the water's natural healthy energy pattern (sometimes called the memory of water) . Structured water allows us to imprint through the DNA and RNA the knowledge of its secret blue print and help one to become balanced. The things that are adverse to life are pulled to the inside of the water molecule and shielded from life itself.

The Natural Action Structured Water Unit comes in a variety of sizes including commercial, whole house, under sink, shower, garden and portable. It also comes in two different configurations: basic or dynamically enhanced.

In a nutshell, the flow form design in both the original Structured Water Units and now the Dynamically Enhanced Structured Water Units provides the platform for water to do the same multi-spin vortexing dance that it does in nature which then cleans the memory, infuses biophotonic energy and balances the water.



With the **Original Structured Water Units** you are then able to infuse your own intentions or energy imprint into the water or just keep it clear. *(Original Garden Natural Action Structured Water Unit pictured)*

But now with the **Dynamically Enhanced Units** because the proprietary blend contains natural elements from the earth, the water is being energetically cleaned and then infused with earth energy imprints just as water naturally does in nature.

(Unit pictured is a Dynamically Enhanced Super Shower Natural Action Structured Water Unit)



Dynamically Enhanced Unit

The most pristine earth elements were selected to put inside the **Dynamically Enhanced Unit** flow form so to infuse the water with high quality energy.

(Unit pictured is a Dynamically Enhanced Whole House Natural Action Structured Water Unit)

It is possible that we may have to go through a level of breakdown in our culture before we can really appreciate Viktor' Schauberger's extraordinary prescience and guidance. Our divorce from nature has led to an appalling outcome — vandalism of the environment and the unbalancing of Earth's energies through the exploitation of her resources.

We need to take off our conventional scientific and technological blinders to see the wider picture.

When it comes to water...

Think beyond the sink!

Applications of Structured Water



Residential Uses

There are many benefits of drinking and using the structured water produced by the Natural Action Structured Water Unit. Add a **Whole House Unit** to your home.

The body seeks balance and water also seeks to be in balance, so the body will replicate itself to water which is naturally balanced. Water is also attracted to balance. Use our **DE Mini Shower or Super Shower Unit** in your bath and shower. An **Under the Sink Unit** fits nicely under your kitchen sink.

Don't forget to share this living, healthy, structured water with your pets. Your house plants and garden plants (try our Garden Units) will thrive with structured water.

As water has memory, it will remember all thoughts and energies in its immediate surroundings, both negative and positive, in its effort to achieve balance. Nature accelerates this process in the environment by creating the geometric configurations necessary to achieve and maintain balance, through the vortex activity created as it moves over stones, waterfalls and ravines. This is why water purifies itself as it moves downstream or is fed by high elevation glacial runoff. Our Structured Water Units mimic this natural design.





Agriculture and Gardening

While using the **Garden Unit**, less fertilizer is required on gardens, house plants, crops and trees.

Reduces the amount of water required (up to 30%).

Improved growth of crops with increased biomass (up to 40%).

Improved ability of plants to withstand lower freezing temperatures.

Healthier landscape - greener lawns.

More vibrant trees and shrubs.

Healthier household plants.

Cut flowers last longer.



Commercial and Industrial



The **Commercial Structured Water Unit** is similar to the **Whole House Unit** except that it has a larger pipe fitting and works better for hotels, motels, restaurants and other large commercial customers.

Please be sure to select the specific unit for your pipe system.

Swimming Pools, Aquascapes, Birdbaths and Fountains



Reduces chlorine required for swimming pools, hot tubs and spas.

Less algae growth in ponds and aquascapes.

Removes existing calcium and aragonite deposits in pipes, water heaters and faucets.

Increases longevity of many systems that use water.

Restaurants and Cafes

Carry your **Portable Structured Water Unit** with you when you are out to dinner, or in the car traveling or running errands. The portable makes it easy to add a few drops of structured water to your beverage, coffee, tea, etc.



Food Preparation

There are many reasons to structure water. *With the Under Sink or Portable Units, washing and rinsing your fruits, vegetables, and meats will help neutralize inorganic compounds, including pesticides, bacteria, nitrates, free radicals, heavy metals and other harmful organisms.*



Water structuring technology that utilizes nature's own methods the way the Natural Action Structured Water Unit does, produces cleaner, softer, vital, water without using chemicals, salts or complex metal alloys for a truly maintenance-free water treatment system. This system softens water while leaving in all the healthy minerals the body needs and which standard water softeners and reverse osmosis systems remove.

Washing, rinsing and storing your produce and other foods in structured water has many benefits.

Food stay fresh longer.

Many report improved taste.

Raises the nutrient value.

Washes away harmful compounds and particles.

The Natural Action Structured Water Unit revitalizes water using nature's design.

Some of the benefits of using a Natural Action Structured Water Unit are:

-  Excellent hydration.
-  It assists in the release of healthy vitamins and minerals to all life.
-  Balances water.
-  Hair and skin rinses are cleaner and hair feels better when washed.
-  Livestock, domestic pets and fish become healthier.
-  It improves health, less joint and muscle pain, more energy.
-  Fish tanks become cleaner and healthier.
-  Less soap is necessary when washing.
-  Cleaner hot tubs and spas with less chemicals required.
-  Reduces the effects of sunburns.
-  Prevents dry itchy skin.
-  Promotes longer life (anti-aging).
-  More refreshing showers and baths.
-  Reduces odors around/in bathrooms and toilets.
-  Clothes are washed and rinsed cleaner in the laundry.
-  Removes existing calcium and aragonite deposits - spotless dishes, window washing and car washes.



Chapter 6

Structured Water - Oxygen and Health

Because structured water contains stable oxygen, it does not dissipate immediately. This added oxygen can help to raise oxygen content in the blood. Low oxygen content in the blood can be associated with poor health and headaches. Structured water is great for high altitudes. Research shows chronic dehydration to be the root cause of many diseases. Even mild dehydration slows metabolism, causing fatigue, reduces short-term memory, and increases existing health challenges.

Dr. Pollack 's (Professor of Bioengineering, University of Washington) research shows Structured Water contains more oxygen than bulk water.

Drinking the right water can be even more important than drinking more. Drinking Structured Water is cheap insurance. One of the easiest ways to help the body function optimally is to keep it well hydrated.

How important is oxygen?



90% of all “life energy” is created by oxygen.



All functions in the body are regulated by oxygen.



The brain processes billions of bits of information per second -Thanks to oxygen.

Much More Than Just Water!

Research has demonstrated that Structured Water:

- Helps increase or improve hydration on an intra- and extra- cellular level.
- Helps detoxify the cells through superior hydration.
- Helps balance water.
- Helps double the immune system's response.
- Helps increase oxygen content in the blood (good for high altitude).
- Helps increase thought processing, mental awareness and creativity.
- Helps swollen joints that are associated with arthritis.
- Helps establish better health and overall vitality.

Structured Water Unit by Natural Action Technologies alters the molecular structure of the water, activating and retaining the healthy benefits of minerals.

“We must recognize that it is Nature, not Man, that is omniscient on the Earth, but that if we continue to flout her laws, humanity is undoubtedly doomed.”

This was the startling declaration of Viktor Schauberger (1885-1958), whose life was dedicated to unlocking the secrets of nature’s energies and making non-destructive energy available to society. He made an extraordinary contribution to knowledge of the natural world. He is celebrated for his discoveries in the water sciences, in agricultural techniques and in the energy domain – which energies enhance life and which energies harm life. Schauberger provides us with a comprehensive and holistic approach to understanding nature.

His insights form the foundations of what might be called a ‘Science of Nature’. He developed energy devices, using nature’s methods, to release people from enslavement to destructive sources of energy.

Today’s scientists are trained in the particular, not the general. They are experts at splitting, but they are limited by the physical, the surface appearance, and have difficulty in understanding that the energies that create matter work at a higher level of being than matter, which is only decaying energy.

Schauberger frequently castigated conventional thinking, insisting that we have to think an octave higher. *When you think of water, think beyond the sink.*

Special thank you to Clayton Nolte, researcher and inspired inventor of life transforming technologies and Natural Action Structured Water Units.

Cells, Gel, and the Engines of Life

Pollack, Gerald H., Ph.D. *Cells, Gels, and the Engines of Life*. Seattle. Ebner and Sons Publishers. 2001. Print

Exclusion Zone Photo Credit. Video: *Water, Energy, and Life: Fresh Views From the Water's Edge*. UWTV. 2009

YouTube Video. <http://www.youtube.com/watch?v=XVBEwn6iWOo>

The Fourth Phase of Water, Beyond Solid, Liquid, and Vapor

Pollack, Gerald H., Ph.D. *The Fourth Phase of Water, Beyond Solid, Liquid, and Vapor*. Seattle. Ebner and Sons Publishers. 2013. Print
www.ebnerandsons.com/products/the_fourth_phase_of_water

H3O2 Photo Credit. Video: *The Fourth Phase of Water: Dr. Gerald Pollack at TEDxGuelphU*

YouTube Video <http://www.youtube.com/watch?v=i-T7tCMUDXU>

Dr Pollack's science and testing methods.

Pollack, Gerald H., Ph.D. *The Fourth Phase of Water. Beyond Solid, Liquid, and Vapor*. Seattle. Ebner and Sons Publishers. 2013. Print
www.ebnerandsons.com/products/the_fourth_phase_of_water

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Thank you Dr. Pollack for your cooperation, and for answering all the questions posed to you about Structured Water and the science behind your research about Structured Water. You are truly a modern day pioneer.

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Remember, there are many professed sources of structured water out there, but Structured Water Units by Natural Action Technologies is balanced and energized water without moving parts, magnets, chemicals, salts or electronic enhancements.

**These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease. The information in this booklet is for educational purposes only. If you have health concerns, contact a health professional. This booklet is not intended as a substitute for medical advice. It is not intended to replace counsel or advice of a health professional.*