



What's in Your Water?

Tap before zazen after

Method	Test	Units	08/03873/1 Tap 28/03/2008	08/03873/2 Zazen 28/03/2008	
1.803	Total Organic Carbon as C	mg/L	4.2	<0.50	organic - dead bugs etc
4.402	Coliforms (MF)	cfu/100mL	1	<1	
4.404	Faecal Coliforms (MF)	cfu/100mL	<1	<1	ORP bioavailability
1.002	pH	pH Unit	8.0	8.0	
1.007	Conductivity at 25°C	uS/cm	510	580	
Calc:	Total Dissolved Solids	mg/L	330	370	minerals
FIA.109	Chloride	mg/L	80	79	
1.012	Total Alkalinity as CaCO ₃	mg/L	100	110	
5.012	Bicarbonate Alkalinity as CaCO ₃	mg/L	100	110	
5.012	Carbonate Alkalinity as CaCO ₃	mg/L	1.0	1.0	
5.012	Hydroxide Alkalinity as CaCO ₃	mg/L	<1.0	<1.0	
5.012	Aggressive Carbon Dioxide	mg/L	<1.0	<1.0	
5.012	Free Carbon Dioxide	mg/L	2.0	2.0	
5.304	Silica as SiO ₂	mg/L	4.8	10	
5.304	Calcium as Ca	mg/L	24	20	
5.304	Magnesium as Mg	mg/L	16	14	
5.304	Total Hardness as CaCO ₃	mg/L	130	110	
5.304	Sodium as Na	mg/L	58	59	
5.304	Potassium as K	mg/L	5.1	32	
5.304	Sulphur as SO ₄	mg/L	28	41	
5.102	Colour True	PCU	1.3	<0.50	turbidity
5.101	Turbidity Raw	NTU	1.8	0.3	
FIA.010B	Nitrite-Nitrate as N	mg/L	0.51	0.62	heavy metals - poisons
FIA.010C	Nitrate N (Calc)	mg/L	0.31	0.36	
FIA.010A	Nitrite N	mg/L	<0.002	0.082	
FIA.008	Ammonia N	mg/L	0.021	0.010	
FIA.011A	Ortho Phosphorus as P	mg/L	0.004	0.25	
5.304	Aluminium as Al	mg/L	0.038	0.020	
5.304	Arsenic as As	mg/L	<0.01	<0.01	
5.304	Boron as B	mg/L	0.028	<0.02	
5.304	Barium as Ba	mg/L	0.030	0.082	
5.304	Cadmium as Cd	mg/L	<0.001	<0.001	
5.304	Cobalt as Co	mg/L	<0.001	<0.001	
5.304	Chromium as Cr	mg/L	<0.001	<0.001	
5.304	Copper as Cu	mg/L	0.23	0.004	
5.304	Iron as Fe	mg/L	0.038	0.008	
5.304	Manganese as Mn	mg/L	0.005	0.01	
5.304	Molybdenum as Mo	mg/L	<0.005	<0.005	
5.304	Nickel as Ni	mg/L	<0.002	<0.002	
5.304	Lead as Pb	mg/L	<0.005	<0.005	
5.304	Zinc as Zn	mg/L	0.041	<0.005	! fine filtration
5.304	Sodium Adsorption Ratio	na	2	2	THM's chloroforms deadly!
5.304	Residual Alkal. as NatCO ₃	meq/L	<0.1	<0.1	
5.304	Figure of Merit	na	1	0.8	
5.281	Chloroform	ug/L	20	<3.0	
5.281	Bromodichloromethane	ug/L	31	<2.0	
5.281	Chlorodibromomethane	ug/L	39	<2.0	
5.281	Bromoform	ug/L	11	<2.0	

Explanation Over Page ---->

zazen Water Multi-stage filters also reduce the amount of Fluoride as part of its specially formulated advanced 10 stage filtration process*

The purpose of this document is to show what some of the most Deadly chemicals are in your tap water and why it is critical, these are reduced through high quality filtration.

What's in Your Water?

Explanation of zazen Water versus Tap Water

1. Red Circle top of page

Total Organic Compound - the amount of organic matter (rubbish) in tap water which is made up of decomposing vegetation, algae and dead parasites to name a few.

- 1st box shows in tap water 4.2 **Total Organic Carbons** – after filtration through zazen <.50, which means less than the scientific instruments can test for or are calibrated to measure. The zazen Water system filters out the rust, debris, organic rubbish including Cysts along with bacteria in the 1st stage of filtration (ceramic filter).

WHY THIS IS IMPORTANT ~ As organic matter breaks down minerals are naturally released back into the water cycle – these minerals are positive. Unfortunately as bacteria and parasites are killed they release not only minerals but also **proteins**. The proteins from the dead carcasses of bacteria and parasites combine with the Chlorines or disinfectants used to kill them and this **causes a new chemical reaction** which creates of a new and deadly modern day chemical family called **THM's / Chloroforms** see **green box** explanation below 2.

2. Green box - bottom of page

THM's (Trihalomethans) & Chloroforms – look at the amount in the Tap water sample – these are **caused as a by product** of the **chemical reaction** between the proteins released from the dead bugs, parasite, bacteria etc. and the disinfectant chemicals e.g. Chlorine and or Chloramine to render our water “safe” to drink. These chemicals are known cancer-causing chemicals!

3. Minerals – see yellow box

The results show that **zazen** retains a **full range of beneficial** minerals “after the filtration process”.

- Distilled water and Reverse Osmosis water are devoid of alkaline minerals and is dead water – they do not sustain life!
 - Many filtration systems will also filter out alkaline minerals as well as heavy metals!
 - This type of water does NOT nourish us and most of it runs through us – because many of us are already mineral deficient - we need minerals to actually use the water effectively and efficiently.
 - zazen Water retains a **range of electrolytes** in water including: Chloride (not chlorine), Sodium, Potassium.. these are critical for proper cellular function – children take up twice the amount of minerals they are exposed to than adults! Refer *Electrolytes in Water – zazen Educational Series 1*.
- zazen water has as many and in some instances **more electrolytes** naturally occurring than even the “Scientifically” formulated PowerAde and Gatorades!”

4. pH 0 -14 Blue circle

zazen Water has a pH 8.0* which makes it a alkaline water (best for the body). A pH of 7.4 is in harmony with blood pH in the human body.

*The alkalinity level will vary depending on your source water. Refer zazen Water - Stomach Acid and Alkalinity Educational Series

5. **Water energy** – there are a couple of areas we focus on .. however from the test results you can see in the **Circled Blue area** at the top of the page – **Conductivity**.. this is increased from **510 to 580** (this is an exponential measurement); what this means is the water is able to carry an electrical current faster – that is what **energy** is all about in the body which shows that zazen water also has **greater bioavailability** (the body can use it).

6. The BLUE box large square one...

2/3rds of the way down the page.. are a list of many of the deadly heavy metal minerals / chemicals which we **must remove**.

- Within this box we have a **red circle around zinc** – the fact that we can and are removing “zinc” is positive in this instance and shows the level of fine filtration we are able to achieve naturally - **zinc sits in the same chemical family as deadly minerals Cadmium and Mercury**.
- **If the body is deficient in zinc it will automatically take up Cadmium** – “thinking it is zinc” due to the structure of the chemical!
- *Cadmium has been found in some recent water supplies and is linked to the increase in prostate cancer! (Pauline Roberts Scientific Researcher & Naturopath)*
- *The zazen filtration process is not able to discern, just like the body, in its natural filtering process between the chemical structure of zinc compared to cadmium or mercury!*
 - i. **If we** left zinc in and cadmium (or mercury) were present then we would leave them in as well and we **cannot** afford to do that.

7. **Turbidity** – the clarity of the water. Tap water 1.9 ~ zazen 0.3. 