

CHANGES IN ACTIVITY AND MOBILITY OF WATER SHOWN BY THE DROP PICTURE METHOD

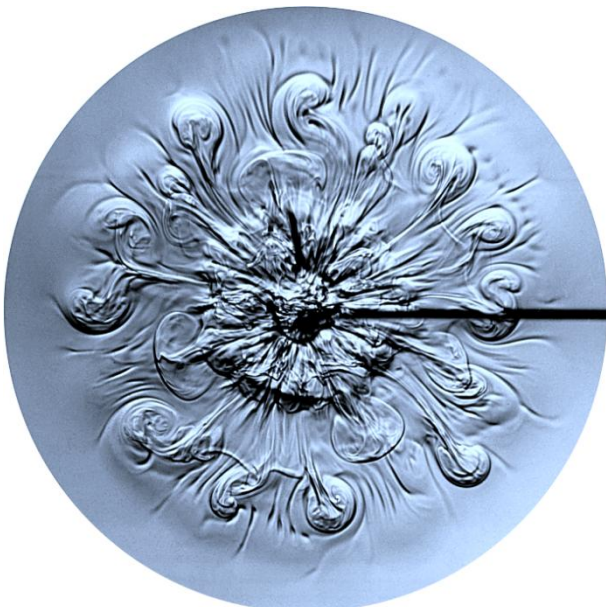
A result of the survey provided by Institute of Flow Sciences in Herrischried, Germany conducted on water before and after the biotechnical revitalisation with AQUA SANATURA® technology.

1. Institute of Flow Sciences in Herrischried

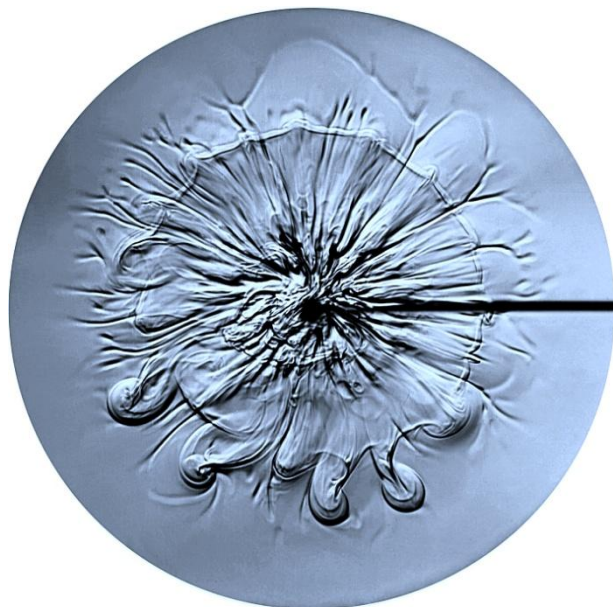
Since 1961 a unique Institute of its kind in Herrischried has been intensively engaged in examining the quality of drinking water and its flow characteristics. Many people have the notion that water quality can not only be measured by setting the marginal values of undesirable substances water can contain. When we ask a question: What qualities good water should have – the water, which we feel as refreshing? We find out, than many people are not certain and have little idea. A clear idea of such water is missing.

2. The Drop picture method

One of the co-founders of the Institute, Dipl. Ing. Theodor Schwenk, and his collaborators developed since 50 years the method of the drop picture, which helps to examine and specify quality of water coming from different sources. This method investigates water mobility as indicator (among others) of its ability to serve life. Due to this characteristic water enables continual changes, conception and extinction. During research it was shown, that natural spring water creates specific and varied forms of movements during its flow. Affected water flows more regularly and shows impaired or simpler forms examined by drop picture method.



Drop picture of good spring water



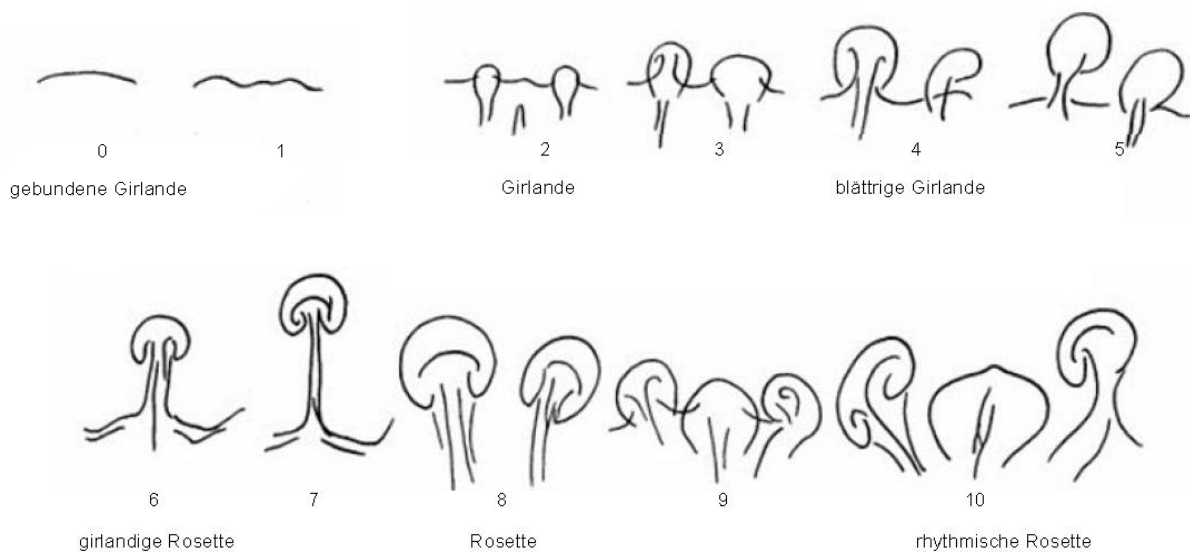
Drop picture of water of modest quality

Note: the above photographs are examples of drop pictures of good spring water and ordinary tap water with an average quality. These pictures have been used with the kind permission of The Institute of Flow Sciences, Herrischried

The strictly scientific method of the drop picture is living proof of inner mobility, biological activity and value of water. Visual results of this method are the shapes created when a droplet of distilled water falls into the examined water with addition of little glycerol. A shape resembling more or less developed flower is created. It can be understood simply, that the more flowery and developed the flower is, the higher quality and values this water has on human being.

To be able to quantify and specify water mobility, there has been developed morphology of the pictures, which are used as the measurements for the level of the occurrence of various forms of vortices. This differentiated method of evaluation enables to render slighter differences among the different water samples. The extend of development and variability of typical vortex forms indicates the mobility of the water and therefore it expresses the level of its quality. A reliable use of this method requires deeper knowledge together with practical experience and considering number of varied conditions.

Picture of developmental types



3. The results of the survey conducted on water before and after the revitalisation by AQUA SANATURA® technology

Technology of AS revitalisation has proved, by examining with the drop picture method in the Institute of Flow Sciences, that drinkable water of little quality and modest mobility gains significant improvement of its flow characteristics according to the Institute statement. It can be said, that this treated water has undergone significant changes and improvements and reaches the quality of drinking water with good flow characteristics.

Valuable water with good flow characteristics changes after the treatment with AS technology to a certain but minor extend.

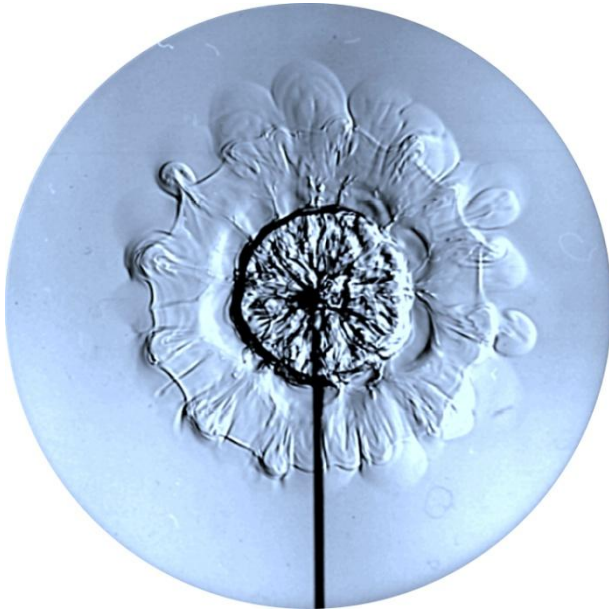
Appendix No. 1

Pictures of drinking water analyzed through the drop picture method.

(A) drop picture of water of modest quality

(B) after treatment with AS technology

(A)



10.droplet

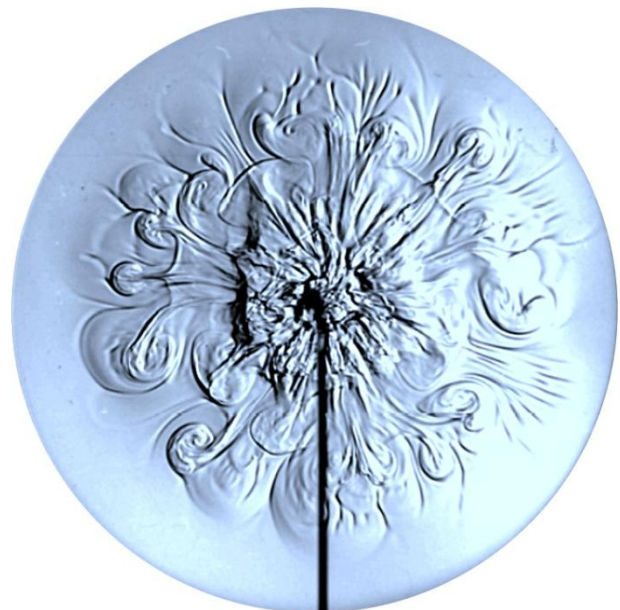


20.droplet

(B)



10.droplet



20.droplet

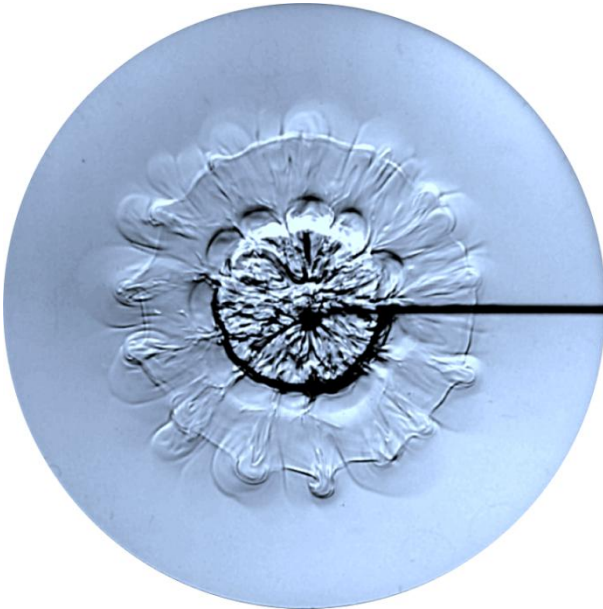
Appendix No. 2

Pictures of drinking water analyzed through the drop picture method.

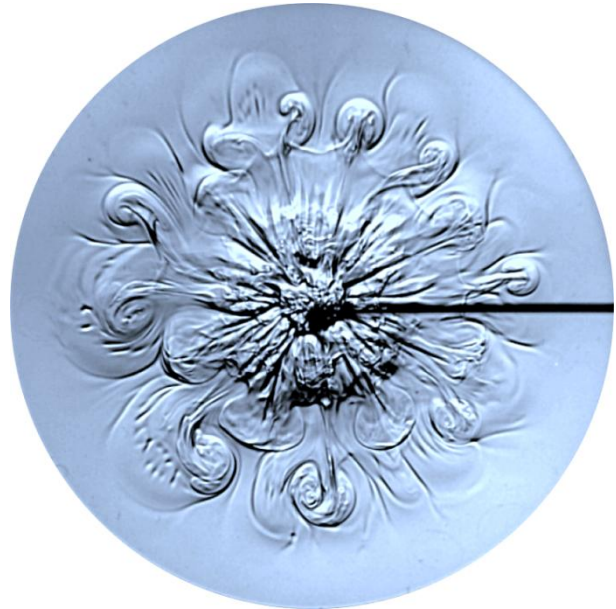
(C) drop picture of water of good quality

(D) after treatment with AS technology

(C)

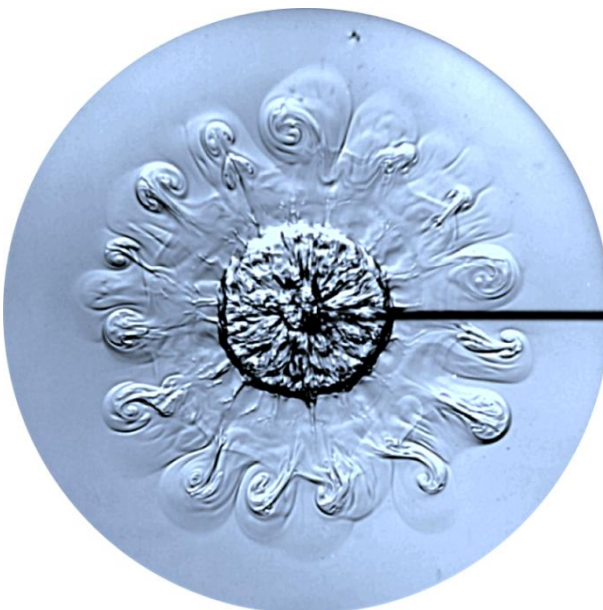


10.droplet

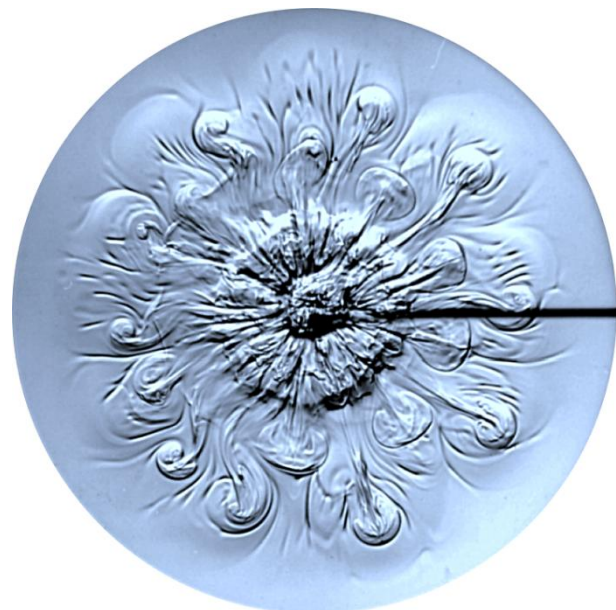


20.droplet

(D)



10.droplet



20.droplet