SOUTHLAND WATERS

Over the past several years there has been an increase in frequency and variety of bacterial contaminants found in all types of water ranging from drinking water, industrial process water and water used for recreational purposes.

Traditional methods employed to treat water include:

Chlorine	**Hazardous, odors, not completely affective**
Acid	Expensive, not completely affective, time consuming to apply, surface treatment only
UV-Light	Limited effect on "bio-film", must be used with another technique
Ozone	Does not treat bio-film, must be used with other techniques
Laser	Only effective at point of use, Must be used with other techniques
Heat	Expensive, requires 20 mints at 100ºc

The Voigtlaender Generator

Water disinfection and general disinfection

1-Reduced operating costs
2-Replaces chlorine and is more efficient
3-Free of chemical additives
4-Ideal for remote locations
5-Eco friendly
6-Multiuse, for water disinfection and disinfection in general

SaniFluid: How it works

Combining salt, water, and electricity

-Salt and water are activated by an electrical current to produce a disinfectant
-The disinfectant SANIFLUID, is a HOCl (hypochlorous acid) rich solution
-SANIFLUID remains stable for extended periods of time
-SANIFLUID is an extremely effective disinfectant (>100 times more effective than OCl-)
-SANIFLUID the cell membrane by osmosis
-Destroys bacteria and virus from within
-Removes and prevents biofilm (breeding ground for bacteria)
-Always active

Solutions for cows, pigs, horses, sheep

Livestock

SANIFLUID produced on-site is dosed directly into the feeding-water supply and into the cleaning system.
Benefits are:
CFU content in barn water (drinking) reduced to “0”
Requirement for antibiotics greatly reduced
Reduced mortality and improved feed to weight efficiency

Advantages

Very compact unit, easy to retrofit into existing rooms

Simple to operate, fully automated, no hazardous materials involved

Operating staff does not require hazardous material training or special skills

According to WHO Standard, DIN 901 and §11 of the Trinkwasserverordnung (German Drinking Water Standard)

Quality tested and approved by several independent laboratories

Certificates

DIN 1276
DIN 1650
DIN EN 901/ DIN 19643 – Swimming pool Conformance to WHO Standards
CE Comformance
MEBAK Band II 2.10.7
AOX – Test protocol

References

Fraport AG,	Frankfurt International Airport	Drinking water for aircraft
C.A.M.,	International Airport	Fresh Potable water for airplanes
Saarbrücken Airport	Regional Airport	Drinking water for aircraft
Mecklenburger Ernte	Salad Producer	Salad washing
Weihenstephan	Dairy	Micro-biological control fresh water
Tnuva Dairies	Cottage Cheese and Yoghurt	C.I.P. with AnoFluid
Gazit Chicken farm	chicken rearing	Drinking water treatment
Millouff Chicken Farms	chicken rearing	Drinking water treatment
University of Iraq	Research and development	disinfection applications (potable water)
University Hospital	Würzburg Hospital	Cooling Tower water disinfection
Boecklunder Group	Meat Processing plants	Disinfection of Process water and cleaning
HatchTech B.V.	Supplier of incubation solutions	Disinfection of water for incubators