

# CLEAN WATER

## AN URGENT WORLDWIDE DEMAND FOR SAFE DRINKING WATER

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Contaminated water and waterborne disease is the number one killer in the world. A child dies every 20 seconds of waterborne disease. I am writing this letter with the hope that you will become as excited as I am about what we can do to safely and economically clean water. Carina Clean Water product has taken a revolutionary approach at the molecular level of water purification resulting in a persistent and cumulative solution to the world's water supply. The water itself becomes the disinfecting agent. In a single treatment in Haiti, a Cholera outbreak was stopped cold. Likewise, Childhood dysentery may be virtually eliminated as Carino Clean Water product effectively neutralizes E. coli

contamination.

Most water purification efforts to date have involved the digging of wells and the installation of modern municipal water treatment facilities at the macro-level, while others have focused on point-of-use micro-solution involving filters or chlorine. High implementation costs and even fatal result have attended the use of these methods due to ignoring two key elements in the equation – a contaminated aquifer and/or a contaminated container. Digging a new well does not mean clean water if the aquifer and environment remain contaminated. Filtered water placed in a dirty bucket is instantly dirty water; a bucket of chlorine-treated water, left to sit in the open is a bucket of dirty water; a bucket of water with a child's dirty hand in it is a dirty bucket of water; water treated at a municipal water treatment plant sent through dirty pipes means dirty water at the faucet.

Equally disturbing is the almost ubiquitous treatment of choice – chlorine. The treatment of water and waste with chlorine, which is only initially effective, is accompanied by a number of carcinogenic disinfection by –products known as trihalomethanes. Numerous studies have linked long term consumption of chlorine-treated water with the incidence of colon and bladder cancers. Additionally, the manufacturing of chlorine is expensive and treatment required constant monitoring

to maintain effective levels as a disinfectant while simultaneously minimizing the caustic side effect of too much chlorine. Treatment is complicated as chlorine is not persistent, due to evaporation and breakdown which necessitates re-application and closer scrutiny to insure levels are maintained as both effective and appropriate. Despite industry's best efforts, chlorine-based treatment has had limited success on contaminated water. Waterborne disease remains the number one killer in the world according to the statistics published by the World Health Organization.

Clean Water ("CARINO WATER") is an all-natural liquid solution invented by a team of Norwegian scientist that modifies water at the molecular level by positively charging H<sub>2</sub>O molecules with zinc and copper additives. The resulting solution is blue in color, tasteless, and odorless. Carino Clean Water LTD, the company, has patent for CARNO WATER, the product, in Norway and other countries.

CARINO WATER's underlying formula is the only copper solution approved to date by both the United States Environmental Protection Agency (EPA) and National Science Foundation (NSF) as drinking-water safe. It is NSF Standard 60 approved – recognized around the globe as the worldwide gold-standard in approval for safe consumption by humans.

Carino Clean Water product is an all-natural, effective and persistent treatment of waterborne disease which is both inexpensive to make and to administer. It offer a comprehensive approach to water treatment on both macro and micro levels, from storage at a water treatment plant or a pitcher in a home, to transport through a city's water pipes or a bucket in a child's hand, to consumption from a water fountain in a five-star hotel to a drinking glass on a family's table. Perhaps even the treatment of the world's underlying aquifers may someday be attained as treated wells naturally disperse treated water to be carried throughout the ground water.

Carino Clean Water product can be implemented immediately as a simple and not so expensive personal point-of-use treatment. This has been Carino Clean Water's primary focus because we believe point-of-use application will affect the most at risk body of people-individual families with limited means living in unsanitary conditions. However, parallel plans can be devised to treat waste and sewage, ground water, streams, wells, and home and work environments, extending even to infected aquifers and their various point of issue. These parallel actions establish "safe zones" for potable water, moving outwardly to surrounding environments, ever expanding the "safe zone" community. We are prepared to address both critical and chronic problems, large of small.

## HOW IS CARINO WATER DIFFERENT?

- CARINO WATER has not taste;
- CARINO WATER has no odor;
- CARINO WATER enters water in solution, not in suspension – this means CARINO WATER is persistent and cannot evaporate or weaken downstream;
- CARINO WATER decontaminates bacteria beyond detection to 99.99999% effectiveness; which is beyond (better) than the standard established by the National Science Foundation (NSF);
- CARINO WATER is not so expensive to manufacture;
- CARINO WATER is safe and easy to handle;
- CARINO WATER is easy to deploy;
- CARINO WATER is non-carcinogenic; and
- CARINO WATER is the only product of its kind to receive the endorsement of the US EPA and NSF as Standard 60 certified.

Let's make a difference once and for all.