

SEE RESCUED
DOLPHINS,
SEA TURTLES
AND OTTERS



CLEARWATER MARINE AQUARIUM

The **Clearwater Marine Aquarium**, located in **Clearwater, Florida** is a nonprofit marine facility dedicated to the rescue, rehabilitation and release of injured and sick whales, dolphins, otters and sea turtles. They are also involved with environmental education and research.

Over the years, **Clearwater Enviro Technologies, Inc.** has donated several systems of the **Clearwater Purification System** to the **Clearwater Marine Aquarium** as its way of helping our environment. The specially designed copper ionization systems release controlled amounts of copper-ions into the water, purifying hundreds of thousands of gallons of saltwater at the facility. There is also an ionization system on the otter tanks to kill larva formation.

Primarily, the system helps control and reduce algae growth significantly. This reduces the amount of chlorine required, saving the **Clearwater Marine Aquarium** a substantial amount of money in chemical expenses. This also creates a better environment for the mammals. Chlorine odors are eliminated.

The number of hours needed to maintain an exhibit is reduced. There is no need for time consuming scrubbing of the exhibit walls to remove algae - normally a full-time job!

The system is very user friendly to operate and requires very little time to maintain the system on a regular basis.





January 3, 2000

Clearwater Enviro Technology, Inc.
 Jeffrey M. Conway
 1054 Kapp Drive
 Clearwater, FL 33765

Dear Jeffrey:

The copper ionization system by Clearwater Enviro Technologies, Inc. has proven to be very beneficial in several ways.

-Primarily, the system helps control and reduce algae growth significantly.

-Secondly, since the system controls algae growth the amount of chlorine used is reduced.

-Thirdly, the number of hours needed to maintain an exhibit is reduced. There is no need for time consuming scrubbing of the exhibit walls to remove algae.

-Finally, the system is very user friendly to operate. It requires very little time to maintain the system on a regular basis.

Overall, we have been happy with Clearwater Enviro Technology, Inc. and the many benefits of copper ionization.

Sincerely,
Chris Koberna
 Chris Koberna
 Director of Animal Care & Marine Systems

Dedicated to marine animal rescue and rehabilitation, environmental education and marine research • 501(C)(3) Not For Profit
 249 Windward Passage • Clearwater, FL 33767-2244



March 9, 1998

Clearwater Enviro Technologies, Inc.
 1054 Kapp Drive
 Clearwater, Florida 33767

Dear Clearwater Enviro Technologies, Inc.:

Thank you very much for your recent donation of CS-150 Ionization Unit (as per invoice 973146). Because the Clearwater Marine Aquarium is a 501(c)(3), nonprofit facility, your donation is tax deductible to the fullest extent allowed by law. Our Federal identification number is 59-2067077.

Your generosity will enable us to continue our programs of public education, marine research and the rescue, rehabilitation and release of injured and sick whales, dolphins, stiers and sea turtles.

Thank you for your continuing support of the Clearwater Marine Aquarium and of Florida's fragile and unique marine environment.

Sincerely,
Dennis Kellenberger
 Dennis Kellenberger
 Executive Director

DK:th

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FEATURED WRITE-UP IN NASA MAGAZINE

In 1994, Clearwater was featured in an official NASA magazine called "Spinoff" - a representative selection of new products and processes adapted from technology originally developed for NASA mainline programs. The two-page article was on the Clearwater Marine Aquarium using the Clearwater Purifier. Clearwater received a license from NASA to commercialize the technology.



Water Purification Systems

A major source of the world's food is the ocean. However, the world's oceans are becoming increasingly polluted by the discharge of industrial and agricultural wastes. The Clearwater Purifier is a revolutionary new technology that can help reduce the pollution of the world's oceans. It is a simple, easy-to-use system that can be installed in any aquarium or marine facility. It uses a unique combination of ultraviolet light and copper ionization to kill bacteria, algae, and other harmful organisms. The Clearwater Purifier is a proven, reliable system that has been used by many of the world's leading aquariums and marine facilities. It is a must-have for anyone who wants to keep their aquarium or marine facility clean and healthy.

This technology has found broad application because it offers an alternative to use of chemical disinfectants. Using the advanced technology of emitting such water particles as bacteria, algae and viruses. In recent years, various government orders regarding discharge of pollutants into public water supplies, along with increasing concern of complying with environmental regulations, have required interest in non-chemical or naturally chemical water treatment systems.

A number of companies have acquired NASA licenses to commercialize the NASA technology in water treatment systems. In many instances, they have used the NASA technology as the core of a system and incorporated subsequent or refinements developed through their own research efforts.

Clearwater Enviro Technologies employs ultraviolet ionization to quickly water bodies like the Marine Science Center dolphin barrier pools, the Clearwater Pool Park (a large) reservoir of a water system that reaches water conditions a pair of metallic electrodes, and a potential controller. They are generated by passing a low voltage current through the electrodes. Dissolved throughout the pool, the silver ions kill the bacteria and the copper ions kill algae. The controller automatically regulates the current amount of ions in the water.

Clearwater Enviro Technologies employs variations of the basic technology in a number of other applications. For cooling towers, the Clearwater Purifier cleans tanks of bacteria and algae, while a Clearwater Purifier cleans the water, and corrosion that commonly build up in such towers. The company produces systems for cleaning open hot tubs, water recycling systems, systems for backwash control in ponds and marine salt-water ballast systems for beautiful water purification, and systems for generating drinking water in Latin America and the Caribbean.