

## Press Release Issued

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### *From the desk of:*

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**Global Water Group** (Dallas, Tx. – [www.globalwater.com](http://www.globalwater.com)) announces two major focus markets for 2008: (1) To move into the municipal water utility systems market and (2) To provide rural villages throughout the world with purified water using solar and wind power.

Global is in the business of solving the water problems for the next century:

- a. Purifying water for drinking, cooking and basic hygiene,
- b. Processing wastewater by eliminating the waste, and
- c. Recycling wastewater effluent back to potability.

Based upon Global's seventeen years of proven technology in water processing, the Company has developed the most unique and environmentally correct engineering and manufacturing processes for any sized municipal water utility. By building in a modular style, Global can achieve results in water purification and wastewater processing that cannot be attained through formerly generally accepted utility designs.

Because of this technology, complete municipal systems can be built in a fraction of the accustomed time; the systems can truly end up with purified output; the systems are easier to maintain; the utilities will be more cost efficient; and the results are more environmentally perfect than ever before.

## Water 101

Global's corporate philosophy rests with the basic elements for the purification of water. Even when processing wastewater, the output objective is produce purified, potable water.

Getting clean water is not really rocket science. According to the World Health Organization there are three basic areas that have to be cleaned to get good, pure water.

1. You've got to remove the parasites. Parasites include *Giardia* and *Cryptosporidium*. *Cryptosporidium* is referred to as an oocyst. Crypto creates a flu-like symptom and is very dangerous to anyone with a weak immune system.

Removing parasites requires filtering down to one (1) micron.

All of Global's systems filter to one micron, removing the parasites.

2. You've got to get rid of the hazardous chemicals; hazardous metals such as lead and mercury; insecticides, pesticides, radon, chlorine, etc.

To reduce or eliminate hazardous chemicals below W.H.O., U.S. or International EPA standards requires a formulation of media that absorbs and adsorbs those elements. Most municipal systems filter water much like a swimming pool, with a sand filter and then maybe a tank of carbon to clean-up taste and odor. Sometimes they utilize a flocculation process (much like a wastewater process). They do not have either a process to absorb and adsorb nor do they have the holding time needed to filter water.

Global Water Group uses a proprietary formula of multi-media that reduces or eliminates hazardous chemicals. This formula, proven for almost two decades, exceeds all US-EPA and WHO standards.

...and...

3. You need to kill the bacteria and viruses.

To kill bacteria and viruses municipal systems use chlorine. Chlorine kills most bacteria and viruses when dosed heavy enough. Quite often you can smell and taste the over-chlorination by municipal systems to accomplish this, making water sometimes undrinkable. Unfortunately, the World Health Organization for years has been telling the world to STOP using chlorine. While chlorine has benefits of killing viruses and bacteria, when used in water that is not "cleaned," it creates carcinogens.

Global Water uses Ultra-Violet in its systems to kill bacteria and viruses.

### Small mobile systems vs. large municipal systems

It is easier to achieve the three basic requirements for drinking water purification when building small, mobile systems as Global has done for almost two decades. But for cities such as Dallas, Phoenix, Seattle or Philadelphia; or international cities such as Paris, Bucharest, Istanbul, Guangzhou or Rio; the flow rates of water being sent through the system, in the hundreds of millions of gallons per day, are not designed to "filter;" nor are they designed to "retain" water for removal of contaminants; nor do they use UV to kill bacteria and viruses. For most cities, large and small, they have antiquated

technologies and hope that the quality of the source water, with some cleaning and chlorine, will provide acceptable potable water.

Global Water, on-the-other-hand, has created a modular design for municipal systems that will allow for the purification of water no-matter the size. It's like networking pc's. The power of networking thousands of desktop computers creates more computer power than using the old "main frame" technology. So Global has created the optimum efficiency of a water processing module and it can network as many of those as is necessary to cover the needs of a city.

Many other benefits come from this process, not-the-least of which are: multiple location options; ease in accommodating the growth of a community by increasing the number of modules; easier and faster to build; easier to maintain; realizing a smaller footprint; etc.

When attacking the wastewater problem, which is one of the largest polluting factors on the planet, Global has incorporated wastewater sludge removal technology used in the oil and gas industry for years with its unique water purification process. Again, by building modular systems, Global affords the community with much more flexibility. New developments no longer need to wait for the infrastructure to get to their location, but they can create their own municipal water districts on location.

In addition, Global Water has mastered the total concept of a wastewater process that eliminates the sludge (thereby eliminating sludge fields with all of its contamination and odor) and recycles the wastewater effluent to potability. For the perfect green environment, the recycled effluent will be of better quality than most of the Western World's current tap water. This will allow total re-use, eliminating water shortages, cleaning our rivers, lakes and streams; and conserving the planet's most endangered commodity.

**The remote village world of no quality water and life threatening diseases:**

**For that village in Africa, Central America or Asia or poor rural communities in Eastern Europe or even in the United States, Global provides the quality of small systems that give the best quality potable water for health and longevity. Where there is no power, Global provides systems using solar and wind power. Where there is one well location, Global will provide distribution outlets or where the village can distribute its water to each home, Global will provide centralized purified water.**

**Where possible, again with solar and wind, Global will bring the infrastructure to connect to its unique wastewater processing and recycling.**

**The world is finally taking notice of these needs and is beginning to allocate the funds to correct the long-standing deprivation of quality of these life services to both por and rural communities.**

**Who is Global Water Group?**

GLOBAL WATER GROUP is a manufacturer of state-of-the-art WATER PURIFICATION, WASTEWATER PROCESSING and WASTEWATER-EFFLUENT RECYCLING equipment for military, disaster relief agencies, municipalities, industry, remote villages, homes, and new residential and industrial developments.

**Since 1990, Global** has specialized in mobile, self-contained and fixed base water purification systems for disaster relief and military use. Global units have been **deployed on five continents**, including

Kurdish refugee camps during Desert Storm, Rwanda, Somalia, Haiti, Bosnia, Kosovo, Afghanistan, the Philippines and Iraq. Global's systems have been distributed to over 16 African nations during project ACRI under President Clinton and currently with Project ACOTA under President George W. Bush. Global's systems have provided pure drinking water immediately after hurricanes Andrew, Iniki, Opal, Fran, Georges, Mitch, Katrina and Rita; the floods in Mexico; the earthquakes in Turkey, Japan and the U.S.; and many other natural disasters.

In 1997 Global acquired its Wastewater Division which has over thirty years of experience and over 5,000 extended aeration systems deployed in twenty-two countries. For the U.S. navy, Global has created a new series of mobile, self-contained wastewater-recycling systems in easily transportable containers for deployment to various sized encampments. In conjunction with Global's containerized desalination water purification system, both containers can roll on and off a C130 military cargo aircraft for immediate deployment anywhere on the planet. Breaking camp, previously an environmental concern would be environmentally green, as neither process will leave any contaminants.

*Global* systems have been proven in industrial use, for recycling, for cleaner processing, for healthful wastewater effluent and for providing safe drinking water for employees in higher risk areas. Similarly, *Global* systems have provided clean, safe water for home use since 1991.

## **Global Water Group has four divisions:**

### **1 - Global Water Technologies**

This division manufactures **WATER PURIFICATION EQUIPMENT**. It specializes in mobile or fixed base systems for Military, Disaster Relief, Municipalities, Industry or the Home. Systems will handle Fresh Water, Brackish Water or Seawater Purification; from Small Emergency Systems to large Municipal Systems. Global builds modular units and using the power of networking can create any major sized environment. The quality output of Global's fresh water and desalinization equipment is unsurpassed.

### **2 - Global Wastewater**

This division manufactures **WASTEWATER PROCESSING and WASTEWATER-EFFLUENT RECYCLING EQUIPMENT**. It also specializes in mobile or fixed base systems for Military, Disaster Relief, Municipalities, Industry or Homes. These systems can be designed to handle normal sewer water (black-water) or specialized gray-water or industrial chemical clean-up. Global's unique recycling of wastewater brings the effluent back to potability. Global's systems range from Small, Mobile Emergency Systems to large Municipal Systems; and, again, through modular designs and the power of networking, these systems can be sized for any major city.

### **3 - Global Water Home Systems**

This division manufactures **WATER PURIFICATION systems for the Home**. They can solve the problem from a single faucet to an entire home.

### **4 - Global Water Design & Consulting**

This division **CONSULTS** on any **WATER PROCESSING PROBLEM or PROJECT**.

Over the past seventeen years, Global Water has accumulated a who's who customer list in direct military sales, U. S. government agencies, disaster relief agencies, and major U.S. contractors. In addition, Global has foreign military accounts and international oil & gas company customers. For the better part of these past seventeen years Global has remained a small niche manufacturer.

Today, Global has several areas of internal expansion to grow the company into a major water equipment manufacturer. Global is planning a major push into the **U.S. Municipal and Sub-Division Development markets; create additional Alliance Partnerships and Teaming Agreements; expand DoD and other Federal Agency acceptances; as well as work with these three technological and product expansion areas:**

- 1. Nano-technology with a new (patent pending) products developed with an R&D Joint Venture program with these three world renown laboratories: The National Renewal Energy Laboratory (Denver, CO.); VECTOR (Russia); and ISPMS (Russia).**
- 2. Kyoto Treaty – Carbon Credit Program for Global’s products that save CO2 by water processing systems using solar and wind power.**
- 3. Sub-Sovereign Municipal Systems in Eastern Europe, Turkey, Central & So. America, and Asia.**

### **The Uniqueness of the Global Water Systems**

Four technical areas of expertise make Global Water unique in its products’ ability to perform and make the Company a “sole source provider” in many categories.

First is the proprietary formulation used in the "multi-media" absorption process for the removal of hazardous chemicals. These formulas exceed all U.S., WHO, EU and International EPA water quality standards for this type of purification.

Second is Global's electronic technology in its operating systems which make its equipment easier to operate, easier to maintain and guarantees the highest quality of water output.

Third is Global’s totally unique development for wastewater-effluent recycling and the improved modifications made to the limited field of extended aeration systems. No other systems totally recycle back to potability in a similar manner, which makes it more cost effective, simpler to operate and maintain, and no other system compares with the output potable water quality.

Fourth is the fact that all of Global’s systems thoroughly purify water equal to or in excess of the three basic W.H.O. standards, which is a quality level not available in more than eighty percent of all municipal systems in the U.S. and probably non-existent in well over 90% of all water purification systems on the planet.

To further the concept of uniqueness, Global Water is known for its mobility and self-power, including the use of solar power to regenerate battery operated systems.

Municipal Systems Uniqueness:

**Global Water Group has its manufacturing facility in Dallas, Tx. For stand-alone and smaller military, home and industrial products, systems would be built in Texas. For international municipal systems, assembly would be on location (thus employing local personnel). Global is represented by various Alliance Partners in the U.S. and independent marketing agents in various countries including: Turkey, Brazil, India, Pakistan, Singapore and Nigeria. Global’s website is [www.globalwater.com](http://www.globalwater.com).**