

# HOW TO USE THE AQUARAIN WATER FILTER *IN AN EMERGENCY SITUATION*

*The AquaRain is Powerful Enough for...*



- ✓ Rivers
- ✓ Lakes
- ✓ Streams
- ✓ Ponds
- ✓ Cisterns
- ✓ Shallow Wells
- ✓ Household Sources
  - ◆ Water Heaters
  - ◆ Toilet Tanks
  - ◆ Waterbeds
  - ◆ Emergency Storage

The patented technology of the *AquaRain Natural Water Filter System* is uniquely suited to providing laboratory-tested SAFE drinking water in adverse emergency situations and has been field proven in numerous countries around the globe. The advanced and patented ceramic technology of the AquaRain can produce safe drinking water for your family and loved ones without water pressure, electrical energy or chemical additives, making it the ideal emergency water filter system.

## ***Why have an emergency water supply?***



Here in the United States, we normally enjoy an abundant domestic water supply which we often take for granted. Disruptions to our water supplies and its safety have occurred from earthquakes, tornadoes, droughts, floods, power outages, nuclear power accidents, disease outbreaks, and winter storms. These interruptions have lasted a few days and even up to several weeks...therefore, a safe drinking water plan is essential to your family's well being.

## ***Water Preparedness Guidelines...***

The Federal Emergency Management Agency (FEMA) recommends that we store two gallons of water per person per day and enough for a 2-week emergency situation. That is a minimum emergency storage of 14 gallons per person for your household. It is important to note that the recommended amount is barely enough for subsistence purposes, allowing only for drinking, cleaning and bathing purposes. Additionally, there is the challenge of *preserving* the water in storage for safe use during an emergency situation.

The AquaRain Natural Water Filter system could be the best answer to your family's safe drinking water needs in an emergency situation. The AquaRain provides you with clean and safe drinking water in a system that you can use everyday, and do so without having to boil your water, use potentially dangerous chemicals, or rely on electricity or man-made energy. Having an AquaRain is like having access to thousands of gallons of safe water in a one cubic foot box! Even in an emergency with the power off and normal services completely disrupted, you can still produce safe drinking water from a variety of sources!

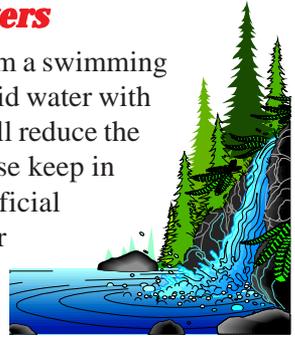
## ***Water Collection***

In any emergency, proper water collection is the first critical step in obtaining safe drinking water. You should always start by collecting the cleanest and purest water available. Any specific calamity that could be named has its own set of unique challenges. When a disaster does strike, it is possible that our water sources may have become dangerously contaminated, thus, the utmost care should be taken as you collect and filter your drinking water. The AquaRain Natural Water Filter System has been specifically designed to reliably filter dangerous microbiological organisms such as bacteria and parasitic cysts utilizing a patented process ceramic technology.



## ***Some potential sources...Open Waters***

Rivers, lakes, large ponds, streams, even water from a swimming pool can be used in an emergency. If possible, avoid water with floating material, foul odors or dark color. This will reduce the cleaning frequency of the ceramic elements. Please keep in mind that the AquaRain system will leave beneficial minerals intact including salts. Avoid collecting water where high levels of salts may be found, such as alkali pits or ocean tidepools.



Sources with high nitrate concentrations should be also be avoided such as small cattle ponds, and creeks where water runs off of heavily fertilized land or from industrial waste sites. Remember, even though the AquaRain can handle some pretty nasty water in a pinch, it is always best to use the cleanest and purest water available.

## ***About Radioactive Fallout***

Emergency outdoor water sources during a nuclear emergency may include rainwater cisterns, lakes, ponds, streams, rivers or other moving bodies of water. It is important to note that in the event of a nuclear catastrophe, surface waters may have higher levels of radioactivity as compared to other protected water sources. To the best of your ability, your water source should not be exposed to surface contamination. A better source would include a well or an underground spring. Because it is impossible to predict potential concentration levels in exposed water sources, there is no way to know the precise long-term life expectancy of the AquaRain elements when used specifically in a nuclear scenario.



## ***Rainwater Cisterns***

Rainwater can be a very good source of water in an emergency. It is important to discard the first few minutes of runoff in a rainstorm as a great deal of dirt, particulates, and contamination is being washed from the collection surfaces. Simply straining the water as you collect it from your roof will help remove particulate matter. A little care in the collection of your water to be filtered will not only extend the life of your filter elements but also improve the overall quality of the drinking water your AquaRain Natural Gravity Water Filter will produce.



## ***Sources In Your Home***



There are a number of emergency water sources that can be found right in your home. The hot-water tank may be one of the best sources in your home, but remember to turn off the energy source so it does not “burn out” when the utilities come back online! You can also use the water in toilet tanks (taking care not to use if you have cleaning treatments or ‘bluing’ in the water), draining your plumbing lines, or even using ice cubes. Waterbeds make an excellent emergency storage system, holding up to 400 gallons of water. If you designate a waterbed in your home as an emergency water storage resource, drain it yearly and refill it with fresh water containing two ounces of common household bleach per 120 gallons.

## ***Reaching Maximum Production with the AquaRain***

During emergency situations, it may be important to have access to increased amounts of safe drinking water. AquaRain’s maximum production potential can be met by keeping the upper vessel as full as possible, perhaps refilling every fifteen minutes. Water temperature can play a part since the warmer the water, the faster the production rate of the AquaRain.



## ***AquaRain Pre-Filter Bags***

AquaRain pre-filter bags are available for use in emergency water collection. These bags provide an effective 1-micron filtration of particulates, and are very easy to clean. These bags are an excellent way to use the dirtiest of waters and dramatically reduce the need to clean the AquaRain ceramic filter elements in an emergency.

## ***AquaRain Natural Water Filter System***

Safe, clean drinking water is a day to day concern, as well as in family emergency preparedness planning. The AquaRain Natural Water Filter provides a simple, easy to use system for the daily needs of safe drinking water as well as preparing for the emergency situation which may befall any of us.