

## NEWS RELEASE

### Are we doing right by domestic water?

We depend on water for our very existence! It is time to re-evaluate how we waste power and resources, namely pumping and treating water before and after we use it.

Ib V. Andersen, inventor of the **ENVIROSINK®**, believes reuse of gray water is a cost effective alternative to dumping clean water down the drain only to have it treated as sewage. Reuse of gray water benefits all of the environment, and us.

**ENVIROSINK** is the only system that allows some catchment of water from the kitchen. A family of three can save an average of 18 gallons of perfectly usable water per day - **or 3.3 %** of all water used in the home!

Waiting for hot or cold water, washing and rinsing fruits and vegetables - just about everything you do at the kitchen sink - clean wastewater can be saved.

**If indeed every drop counts,  
and we believe that it does, then**

**ENVIROSINK** should be included in all new homes and renovation plans. All types of home construction need to have **gray water recycling systems**.

### How much water will you save?

Ib V. Andersen  
Bismart Distributors Inc  
8584 145A Street  
Surrey B.C. Canada V3S 2Z2

[www.envirosink.com](http://www.envirosink.com)  
[bismart@envirosink.com](mailto:bismart@envirosink.com)

(604) 596-5894 Fax (604) 591-8510

**Source of your water:** There is very little water on earth that is "new." Most of our water has been touched by some type of human or animal activity. Even in "pristine" wilderness areas studies have found bacteria contaminating water. Therefore, it's always best to drink water that you know has been treated. What's dumped on the ground, poured down the drain or tossed in the trash can pollute the source of our drinking water.

Our population is growing and housing and industrial interests expanding. Attend local planning and zoning meetings and ask what's being done to protect water resources from contamination. Let elected officials know that, if they want to count on your vote, they have to be counted on to protect the water.

**Water filtration plant:** This is the environmental and financial cost of making water. The water we treat begins as rain and snow. In route to the plant, via both natural streams and rivers and man-made conveyance structures, the water may pick up various contaminants. These contaminants may include silt and clays, dissolved minerals and salts, organic material from vegetation and wildlife, algae, bacteria, protozoa's and viruses as well as man-made pollutants.

Making this water potable requires chlorine for disinfecting and activated carbon and silica sand for removing any tastes or odours. Just before the water leaves the plant ammonia is added. Ammonia converts the residual chlorine to chloramines. Chloramines are a long lasting disinfectant that are more suitable for the long trip to your tap.

**Your house:** On average 50-70% of household water is used outdoors. Watering lawns, gardens and water for flushing toilets doesn't require drinking water quality. The time for water recycling and water reuse is now. Water recycling is cost effective, and dumping clean water down the drain is a waste. Building and plumbing codes are not uniformly accepted in all states and counties. It is time that they are and we must provide for a section in the codes for water reuse in all new shelter construction.

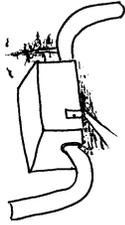
**Sewage treatment plant:** Sewage comes from homes and includes human and household wastes. It can also come from industries, schools and business. The federal Clean Water Act requires municipalities to treat its wastewater. A wastewater treatment plant removes solids and **reduces** organic matter and pollutants before sending it in to the environment - or someone else's source.

There are two types of recognized wastewater - Black and Grey water. Water from flushing toilets and the kitchen sink is black. All other is gray water. Is it necessary to treat all water as black - like waiting for hot water in the shower or washing and rinsing fruits? Treating gray water in the home is simple with filters, pumps and storage tanks that are all readily available. Recycling gray water helps the environment and reduces the toll on our sewage system. It's also cost affective. The water saved could make up some of the 50-70% of household water used outdoors.

**Someone else's source: ?!**



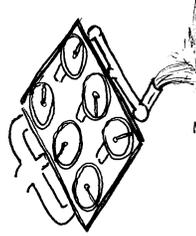
Source of your water . . .



Water filtration plant . . .



Your House . . .



Sewage treatment plant . . .

?!

Someone else's source.

Manmade Reservoirs (Dams)  
Rivers, Streams, Ponds,  
Lakes, Swamps, Wetlands,  
(Everglades) Aquifers.  
Desalination?

Filtration, UV, Ozone,  
Chlorine, Ammonia,  
Chloramine, and  
Sodium Fluoride? Is all a part  
of what makes potable water?

Your home hopefully has  
clean potable water?  
Family of 3 uses  
approximately  
195,600 gallons per year.

There are two steps to  
treating wastewater. Primary  
treatment, and secondary  
treatment. Both are energy  
and resource costly.

Pipelines and BIG pumps, to  
transport treated sewage  
back to someone else's  
source.

**Not always a pretty  
place.**

Water is the single most powerful source in  
the universe. With out it we die;  
Our world dies. *In survival value it has no  
equal*, as a commodity it is priceless.  
Oil, petroleum, gas, transportation all have  
alternate means of substitution. Water has no  
alternate, yet little is focussed on its wasteful  
disregard.

Can we live equitably and  
harmoniously within the  
means of nature?  
California uses 7% of its  
electrical energy pumping  
water.

And then we waste it  
only to be treated as  
sewage.

How much water do you  
Waste in a day?

The average family wastes  
gallons a day when washing  
and rinsing  
fruits and vegetables.

It became apparent during  
the drought of the early 90's  
in California that doing  
whatever it takes to save  
water.

Remember the buzz phrase  
"shower with a friend"?

If there is a water crisis in North America  
maybe it's time we use all the tools  
AVAILABLE -

**Like ENVIROSINK® !**

Mother Earth The Global Rain Barrel - Are Some Of Us Sucking Too Much?



The Toilet is the single  
greatest water user - 40% of  
all water used in the home.  
**It needs potable water ?**