



# Clean, Clear Re-Freshed Water from Wastewater



## *In Harmony with Nature™*

Now you can use water and return it to the environment cleaner than before it was used.

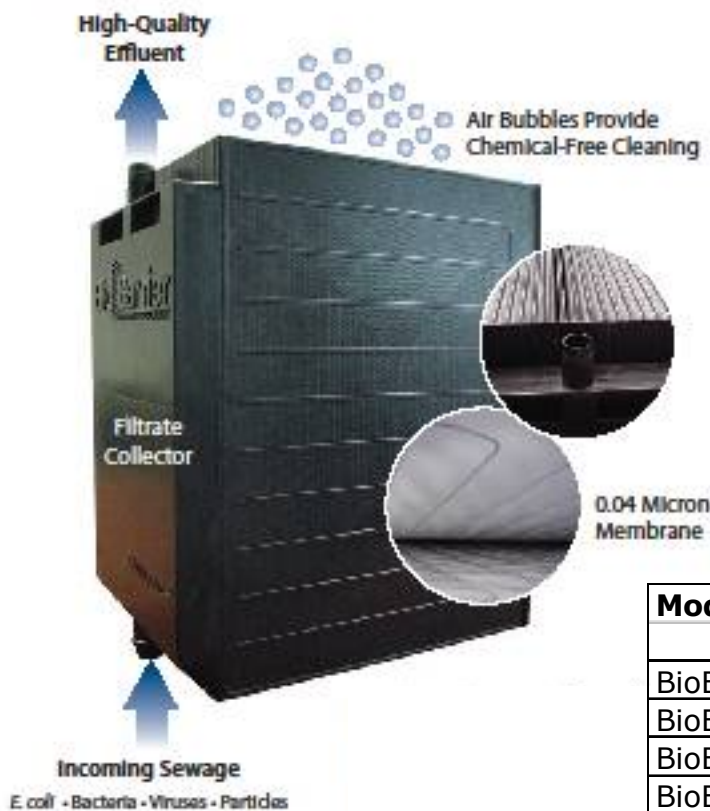
Let's put water back safely for the next generations.

Better water makes for a better world for all to share and enjoy.

### **CERTIFICATION**

The BioBarrier® is accredited under the national standards of Canada's Standards Council Canada program as meeting the NSF International Standard 40, Class 1, NSF International Standard 245 for nitrogen reduction and the NSF International Standard 350 for reclaimed water for surface discharge pursuant to the USA Environmental Protection Agency.

## How our MBR technology works



### **Independent Effluent Test Results**

BOD5	< 2 mg/l
TSS	< 2 mg/l
Fecal Coliform	< 2 mg/l

### **INSTALLATION**

Each BioBarrier® membrane pack is approximately 18" x 18" x 24" and is placed into a typical 2 chamber concrete, Fibreglass or polyethylene tank.

Contact your local trained, licensed or registered sanitarian (septic) installation contractor who is able to supply the complete system.

### **Standard Models**

(high strength waste and higher flow rates available on request)

Model No.	Daily Flow Rates		
	Litres	Imp Gals	US Gals
BioBarrier® 0.5	1,900	420	500
BioBarrier® 1.0	3,785	834	1,000
BioBarrier® 1.5	5,678	1,250	1,500
BioBarrier® 2.0	7,570	1,668	2,000
BioBarrier® 2.5	9,464	2,082	2,500
BioBarrier® 3.0	11,356	2,500	3,000



## *In Harmony with Nature™*



Meets the stringent requirements of Fisheries and Oceans Canada

- The highest treatment level available over that of any other treatment technology. Cannot be matched or exceeded by any other product.
- No ultra-violet needed for removal of fecal Coliform as the BioBarrier® does it internally.
- Consistently meets the most stringent effluent requirements.
- Subject to regulations, may discharge the effluent into a surface body of water.
- The latest scientific achievement in sewage wastewater treatment technology and a proven track record.
- Smallest drain field size possible therefore less land required.

BioBarrier® is a 21st Century technology to meet today's needs of water sustainability.

Water is an important resource that we need to protect and enhance for our future generations.

Contact Pinnacle Environmental Technologies Inc. for your nearest trained Registered Onsite Wastewater Practitioner or Professional Engineer to assist you design, selection, installation and maintenance.



## **Pinnacle Environmental Technologies Inc.**

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