

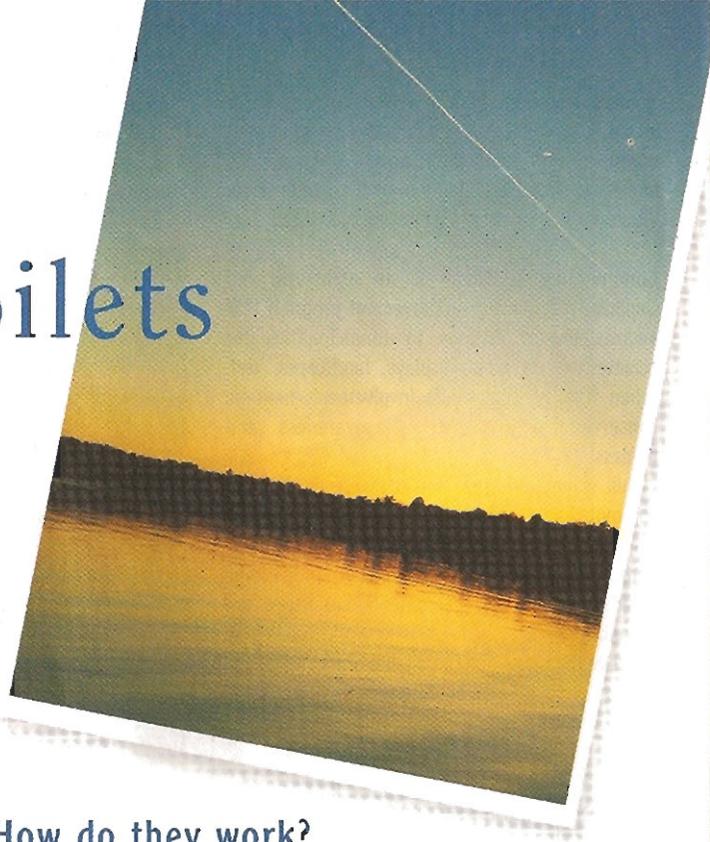
# Septic Solutions

## Composting Toilets

With water quality such a big concern for most Canadians, no one likes to think that they're adding to the problem. But if you have a vacation or rural property with an outdated septic system, you may be contributing to it.

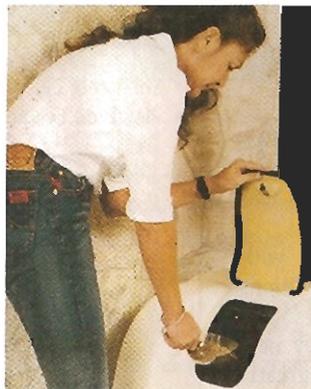
According to the Department of Agriculture and Agri-Food Canada, an average of 61% of septic fields checked in a survey of cottages in Ontario are not properly designed, constructed or maintained. The resulting phosphorous, a major culprit in algae blooms and water contamination, ends up in our lakes and rivers. In Jackfish Lake, near Edmonton, 67% of the phosphorous found in the water comes from surrounding cottages. That's 67% more phosphorous than Nature intended, and it doesn't take into account the risks associated with bacterial contamination from human waste. Additional Agriculture Canada case studies have demonstrated another disturbing trend: nitrate and fecal coliform bacteria levels are rising in our waters, especially those with increasing populations nearby.

What alternatives do rural and vacation property owners have when it comes to doing the right thing by Canada's lakes and rivers? Without existing municipal water, it may seem like your choices are limited. However, an excellent option is to divert at least some of the waste you produce via composting. Working much like your garden compost heap (but odourlessly and much faster) composting toilet systems completely break down human waste and toilet paper. Because most of the waste is evaporated, only a small quantity of compost is actually produced. All you need to do is add organic material (usually in the form of peat moss mix) and the end result is a safe fertilizing soil.



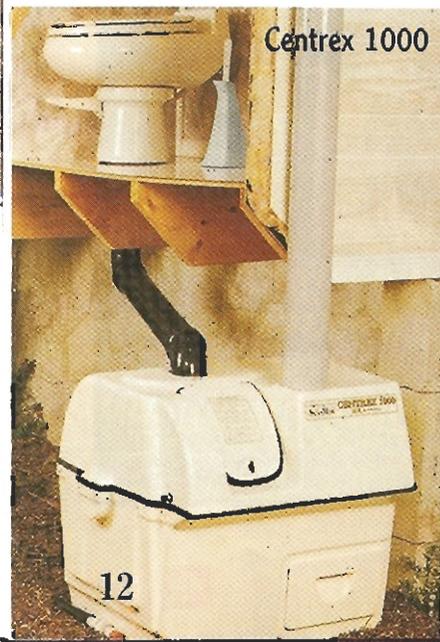
### How do they work?

Oxygen is provided by rotating the internal drum and via the ventilation system. Moisture is present in the waste, while added peat moss provides organic material.

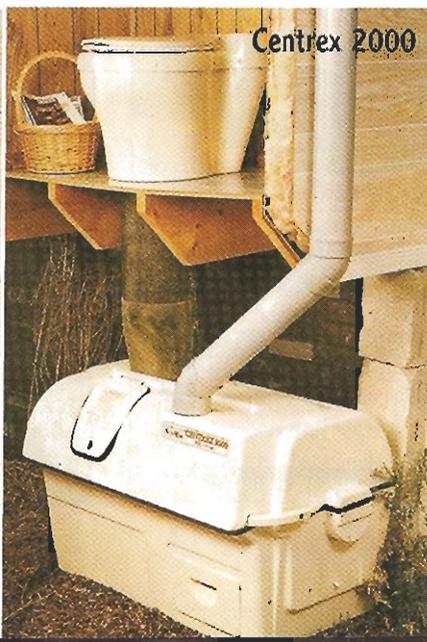


Heat is generated by the composting process (electric elements can give an added boost) and microbes are introduced when you add Sun-Mar Microbe Mix.

Wherever there's an inefficient septic system, Sun-Mar can take care of toilet waste. Where there's an outhouse they offer the luxury of an indoor facility, and where there's no toilet at all (pool cabanas, boats, RV's) Sun-Mar is an environmentally-friendly choice.



Centrex 1000



Centrex 2000

**The Sun-Mar Centrex 1000:** Recently re-engineered for better compost flow, this unit now has a larger finishing drawer, easier access for maintenance and a removable evaporating tray. With light to medium seasonal use, the 1000 will normally hold compost for a full season and need only be emptied in spring.

**The Sun-Mar Centrex 2000:** Perfect for medium to heavy seasonal (or light residential) use, the 2000 can handle larger waste volumes. The larger evaporating chamber combined with a more powerful heater provides better evaporation in electric units. Unlike the 1000 series, the 2000 is available in A/F or "Air Flow" versions for use with Sun-Mar dry toilets.

Sun-Mar manufactures the first self-contained composting toilet in the world to be tested and certified by the National Sanitation Foundation, a not-for-profit organization that is committed to public health, safety and environmental protection.

Before purchasing, check with your local authority to ensure that you are meeting all local codes.

Available as a special order through your neighbourhood Home store.