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WATER: New toilets offered by Lakefront Utilities could cut consumption by 44%

BY BOB OWEN

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Residents of Cramahe Township could get inexpensive low-flush toilets if the township takes up an offer made by Lakefront Utilities Corporation Inc. (LUCI).

Low-flush toilets are practical and could increase the township's strained sewage treatment capacity, Bruce Craig of LUCI reported to Cramahe council Feb. 3. He said that installation of the toilets might allow the township to defer a proposed sewage treatment expansion which Cramahe has been anticipating.

One toilet with a small, inaudible flapper leak could send 100,000 litres of water into the waste treatment each year, he said. A larger leak could use 200,000 to 400,000 litres of water. Information presented by Craig suggested toilers use about 40% of residential water.

A study done in a Mississauga apartment showed that water consumption dropped by 44% when residents converted to six-litre toilets from 13-litre toilets.

Other data from across Ontario shows a 42.6% water saving.

In Tampa Bay, 70% of the reduction was attributed to stopping leaks, the other 30% to the decreased flush volume.

Toilets installed before 1992 have tanks which contain close to 20 litres. Current models hold between 13 and 20 litres. The three lowflush models Craig has available from Niagara Flapperless Inc. hold 4.8 litres.

Craig believes the new toilets have many attributes. Aside from their reduced water consumption, they do not have rubber flappers which often allow small amounts of water to leak into the toilet. They hold the water in a trough inside the tank so there is no summer

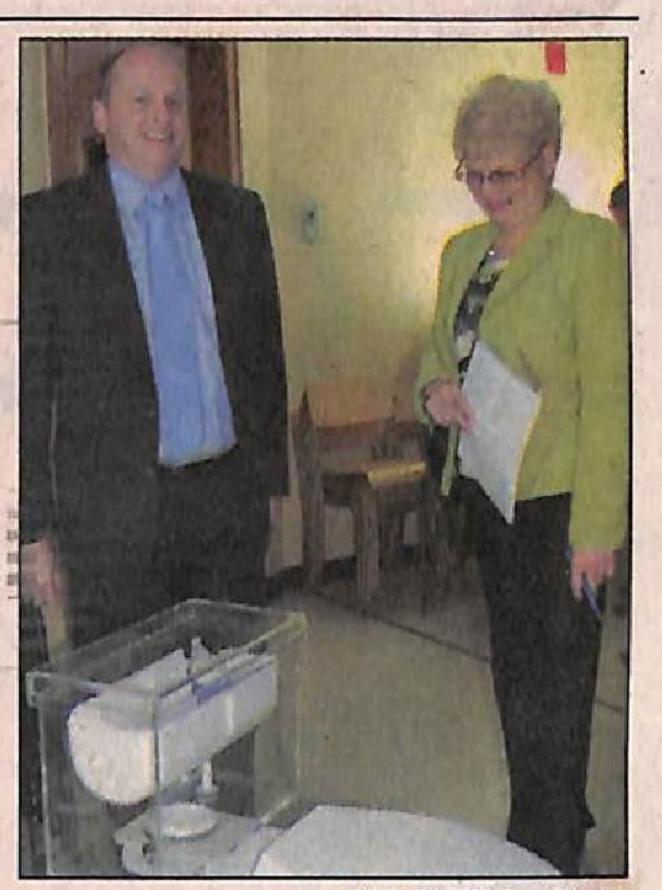
sweating. Their bases are slighter larger than conventional toilets and the bolt holes match so transition is seamless. The two models that come with seats have slow close seats which don't bang when dropped. The tanks on the two-piece models can be adjusted to cover the space where the previous tank stood.

Built in Frankford, Ont., the toilets won a United Nations conservation award in 2003.

By buying toilets in bulk, LUCI can offer them to Northumberland municipalities for \$149 to \$279, depending on the model. Craig suggested municipalities wishing to encourage water conservation might subsidize the units a further \$50.

The toilets normally list for \$249 to \$379.

Cramahe Mayor Marc Coombs said the next step for the township is to receive a staff report and consider the toilets as part of a township green initiative announced last fall.



BOB OWEN Sun Media

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Cramahe Township Mayor Marc Coombs and Councillor Pat Westrope look at the new low-priced, low-flush toilet which may be available soon.

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