

# Falcon Ridge Manor Stops Flushing Away Money

BY ANGIE BUGG  
ENERGY CONSERVATION COORDINATOR

Following an energy assessment by the Saskatchewan Environmental Society, Falcon Ridge Manor made some changes. They did some boiler maintenance, turned off the heat to the underground garage, and replaced toilets.

When Angie Bugg, SES Energy Conservation Coordinator calculated savings from these projects, she discovered gas consumption had been reduced by almost 6%, electricity use by over 7% and water consumption by a whopping 29%. This led to cost savings of over \$8000/year, and a reduction in greenhouse gas emissions by 33 tonnes/year CO<sub>2</sub>.

In many of our buildings, we waste electricity, gas and water – often without realizing it. Every year, Affinity Credit Union provides a grant to the Saskatchewan Environmental Society to conduct energy assessments for non-profit organizations, to help reduce this waste.

In the case of Falcon Ridge, keeping the underground garage heat at 10°C didn't seem excessive. However, there is no need to keep a garage warmer than about -7°C, and keeping vehicles below freezing in the winter

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slows rust formation and reduces condensation in the fuel tank. Also, many toilets were still the ones installed when the building was constructed in 1984. The Condo Corporation decided to replace these with toilets that flush well, with much less water. In a year, the Condo Corporation has nearly recovered the cost.

This past year, windows and exterior doors were replaced to deal with some water issues. Dwayne Keir, Condo Corporation Board Member, says "We needed to replace windows and patio doors in our building. Since we were doing this project, it made good sense to put in ENERGY STAR® rated windows and doors to maximize energy savings and enhance climate control. Everything is interconnected, and the added benefits of building retrofits must be evaluated holistically."



Falcon Ridge Manor is a 62 suite condo located on the edge of downtown Saskatoon.



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