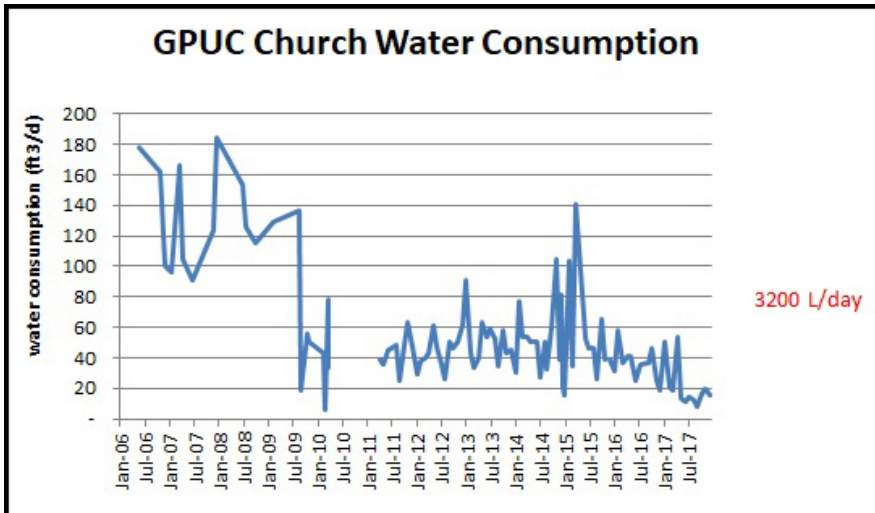


SUCCESS STORY: GROSVENOR PARK UNITED CHURCH REDUCES WATER CONSUMPTION BY A WHOPPING 84%

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For Grosvenor Park United Church, an **84%** reduction in water consumption equates to a savings of **\$3600** per year!

Grosvenor Park United Church has a group of 3-6 people called the Monday Morning Work Crew. These people get together most Monday mornings to do the small and large repairs that are needed around the church. This crew, supported by the church Council, has made energy efficiency a priority and the results are impressive.

In the last few years, they have reduced their natural gas consumption by 8% (\$440/year), and their electricity by 10% (\$500/year). These are significant savings, but their biggest success is with water. Since 2009, they have reduced their water consumption by a whopping 84%, or 3200 litres per day (\$3600/year).

In 2009, Grosvenor Park United Church replaced their continuously flushing urinal with a manual flush. Water consumption dropped 70% or 2500 litres per day. In 2015 leaking toilets increased wasted water significantly. In 2016 and 2017, they replaced 6 toilets with 6 litre ones. They chose dual flush or single flush based on what was available at the time of purchase.

Initially they were hesitant to move to low volume toilets because there is a long run from their building to the sewer main. However, they have not had any sewer issues.

To reduce the gas consumption, the church had a modulating gas burner installed on the boiler, and caulked many of the windows in the church. This 1960 building has a lot of aluminum slider windows, so the crew caulked many of them shut, leaving enough operable to get a nice cross breeze in warm weather, while cutting back on less welcome winter breezes.

Electricity consumption has been gradually decreasing over time as the Crew has continuously upgraded lighting. All incandescent lights have now been upgraded to CFL or LED. Fluorescent fixtures are being upgraded to LED fixtures as T12 ballast fail.

For more information on how your business or nonprofit organization can save energy and water, contact SES Energy Conservation Coordinator Angie Bugg at angieb@environmentalsociety.ca or call 306.665.1915.



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