

W.E.T. case study



Valet Car Wash

Valet Car Wash is a commercial car wash facility in Kitchener and Cambridge. Each year, the Kitchener location washes on average 65,000 vehicles and the Cambridge location about 57,000 vehicles.

Kitchener location

Water savings solution

Valet Car Wash installed a water recovery system and fixed a number of leaks and equipment issues.

Valet Car Wash is the 2016 recipient of the Region of Waterloo Water Efficiency Excellence Award for this work.



Figure 1 water recovery system

Economic benefits

The Region of Waterloo provided \$8,845 funding through the W.E.T. Program. The cost of the recovery system was \$47,488 with an annual savings of \$30,000. The project will pay for itself in two years.

Water savings

The changes reduced the average water use per vehicle from 253 litres to 129 litres. The Kitchener location now saves over 22 m³ of water each day, enough water for 37 homes.



Cambridge location

Water savings solution

Valet Car Wash replaced old inefficient water softeners with a new efficient system.



Figure 2 water softener system

Economic benefits

The Region of Waterloo provided \$2,048 funding through the W.E.T. Program. The cost of the new softeners was \$14,432 with a return on investment of two years and an annual savings of almost \$7,000 each year.

Water savings

The change saves the Cambridge location over five m³ of water each day, enough water for 6 homes.

Region of Waterloo water programs for business

The Region of Waterloo has funding and programs to help industrial, commercial and institutional organizations reduce water costs.

Learn more at www.regionofwaterloo.ca/WaterSmartBusiness.

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