

003 Case Study:

ICI* Toilet Replacement Program

Conversion from 13-litre flush valve toilets to six-litre models
lower water bills

Actual water savings:

- Annual water savings: 12,315 cubic metres
- Project cost: \$55,281
- Project cost after rebate: \$42,481
- Annual cost savings: \$14,778
- Payback period: 34.5 months.
- Cash incentive: \$12,800

Description:

- A medium-sized health facility with 216 suites and 504 beds.
- The building is 142 years old.

Building Improvements:

- Ultra-low-flush toilet retrofit-conversion from 13-litre toilets to six-litre Toto CLST-708 flush valve models.



Bridgepoint Health 14 St. Matthews Road

"Bridgepoint Health has had a win-win experience with replacing old toilets with ultra-low flush models. The water savings from the six-litre toilets have exceeded our expectations. Patients are happy because the toilets in their rooms flush clean on their first try. The six-litre toilets in the City of Toronto's program work well and I encourage others to replace their toilets without hesitation."

Bill Grant, Director, Facilities Management

Project Scope

Bridgepoint Health is a medium-sized medical facility with 216 suites and 504 beds. Bridgepoint provides a wide range of services to patients with complex health and rehabilitation needs, and provides services to about 500 patients. In 2003, Bridgepoint Health installed 128 ultra-low-flush Toto CLST-708 flush valve toilets.

Economic Benefits

Prior to installing water-efficient toilets, the building used 1,002 litres per suite per day. After the toilet installation **water consumption was reduced by 16 per cent** (to 846 litres per suite per day). The water reduction resulted in a cost savings of \$14,788 per year and the building owners will recover the project costs in 3-1/2 years.

Replacing your building's toilets makes cents!

*Industrial, Commercial, and Institutional sectors

 **TORONTO** Water

a **WaterSaver** program 

