



NEW BYLAW JANUARY 1, 2008

Water Efficient Fixtures Required

The new year rings in a new City of Edmonton water efficient bylaw for new developments and retrofits requiring building permits. This bylaw applies to all residential and commercial/industrial buildings.

- **Toilets** must be 6.0 litres or less per flush;
- **Urinals** must be 3.8 litres or less per flush;
- **Showerheads** must have a flow rate of 9.5 litres or less per minute;
- Most **faucets** must have a flow rate of 8.3 litres or less per minute;
- **Public restroom faucets** must have a flow rate of 1.9 litres or less per minute; and
- **Once Through Cooling Systems** are NOT allowed to be installed, except for emergency back-up.

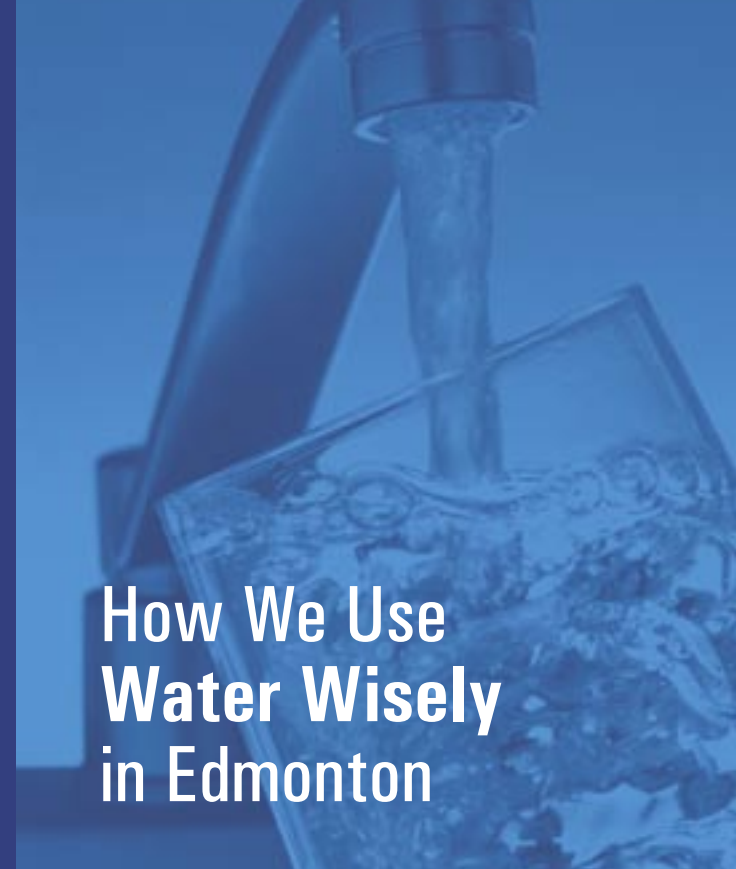
For details contact the
City of Edmonton at 496-3100

10065 Jasper Avenue
Edmonton AB T5J 3B1

Ph. 310-4300 (Toll free anywhere in Alberta)
Fx. 310-4295 (Toll free anywhere in Alberta)

www.epcor.ca

EPCOR



How We Use Water Wisely in Edmonton



EPCOR

Gold Stars for Edmonton!



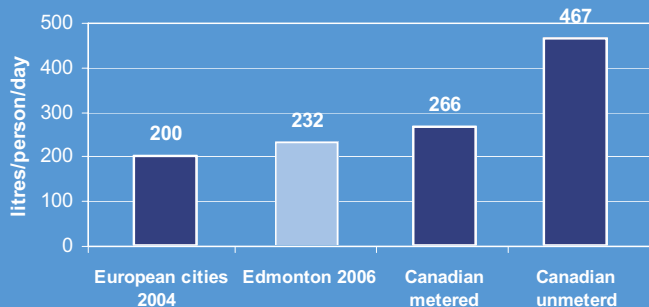
Local residents and the EPCOR Water Utility recognize that water is our community's most valuable natural resource. Thanks to a **wise water use approach** on everyone's part, we've achieved great results!

For example:

- ★ Edmonton residents use **15% less** water per person than those in other large metered cities in Canada.
- ★ Water meters have been installed in Edmonton for **over a century!** We use **50% less** than residents in cities without water meters.
- ★ Due to water efficiency improvements, we were able to defer upgrades to the E.L. Smith Water Treatment facility for **15 years**.
- ★ The water distribution system is very well maintained and our water losses are **70% less** than the Canadian utility average.
- ★ EPCOR's ongoing public efficiency education program began two decades ago.

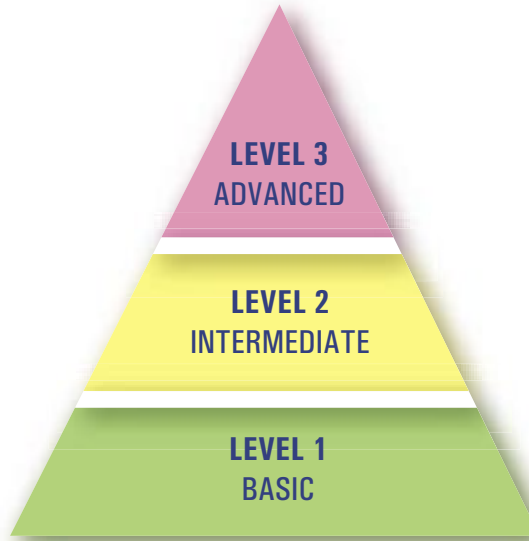
RESIDENTIAL WATER USE COMPARISON

Residential Water Use Comparison



The 1-2-3 of Water Conservation

To maximize water conservation results, EPCOR uses the industry best management practices outlined below.



**LEVEL 3
ADVANCED**

**LEVEL 2
INTERMEDIATE**

**LEVEL 1
BASIC**

LEVEL 3

Promotion of water efficient fixtures, reuse & recycling of water, water use bylaws, integrated resource planning

LEVEL 2

Commercial water use audits, water system pressure management, landscape efficiency

LEVEL 1

Universal metering, water accounting & loss control, costing & pricing, public information

Where We Go From Here

Over the next five years EPCOR's wise water management plan includes:

1. Continue with public education to help customers maintain the comparatively **low water use** patterns that have emerged over the past decade in Edmonton (<20 cubic metres/household/month)
2. Continue with process and **technology upgrades** to EPCOR's treatment plants and distribution systems to ensure the most efficient operation
3. A two year water rate study is underway to ensure that residential and commercial customers are paying **equitable rates**
4. Continue to work in partnership with the City of Edmonton and Alberta Environment to establish **water efficiency guidelines** for provincial municipalities
5. Continue **research** on the impact of water efficient fixtures on water quality in public buildings

DID YOU KNOW?

The largest commercial water users in Edmonton are office buildings, university and colleges, food and beverage processors, and the hospitality industry. They are careful to manage their water consumption by using water efficient technologies and maintenance practices.