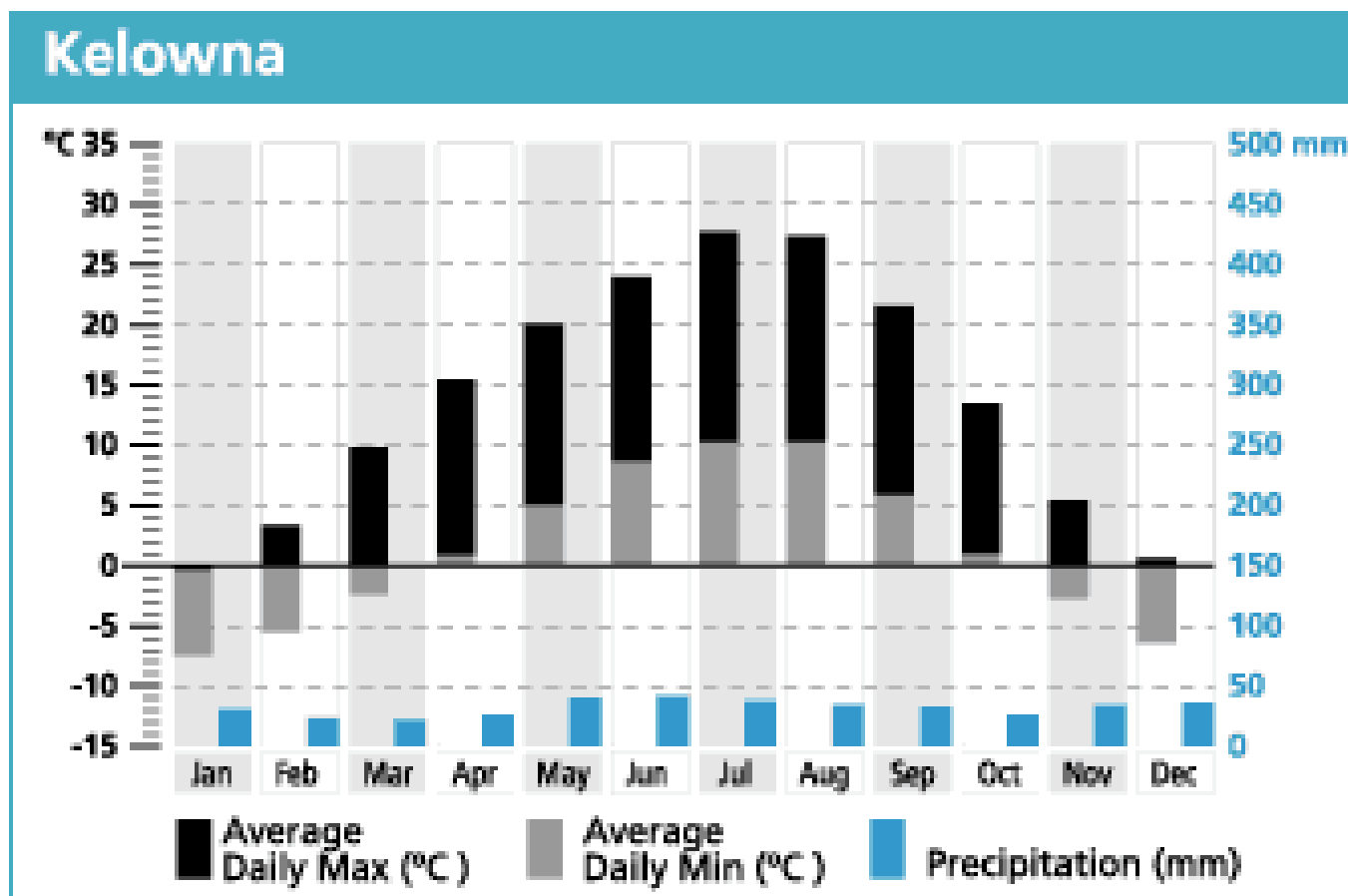


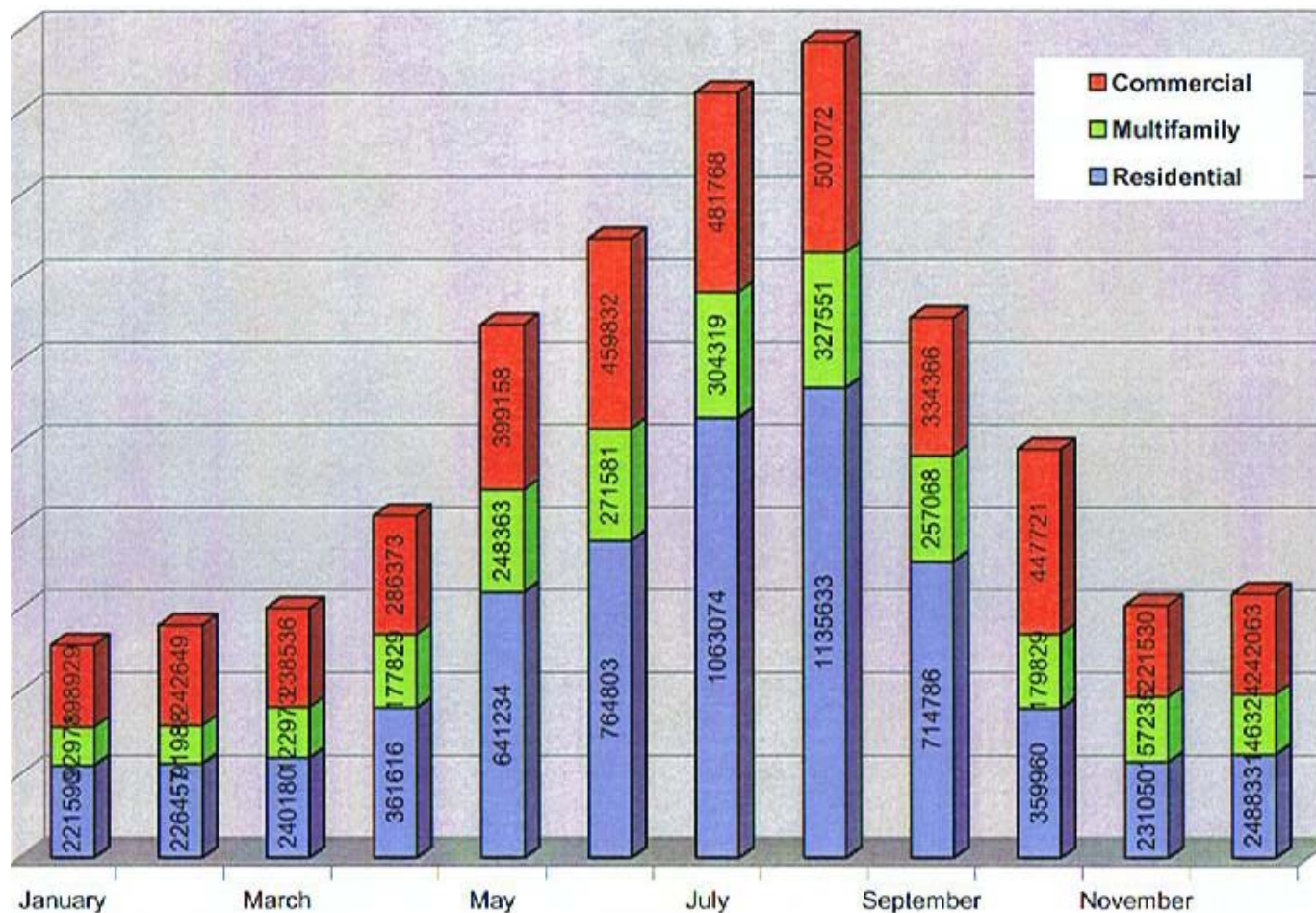
Landscape & Irrigation Standards in the City of Kelowna



High Outdoor Water Use:



High Outdoor Water Use:



Reasons for High Use:

- ▶ Large lots/affluence
- ▶ Poorly designed irrigation
- ▶ Poorly maintained irrigation
- ▶ Apathy/lack of education
- ▶ Landscape choices not conducive to climate

Water waste is actually built into new homes



Water Sustainability Action Plan

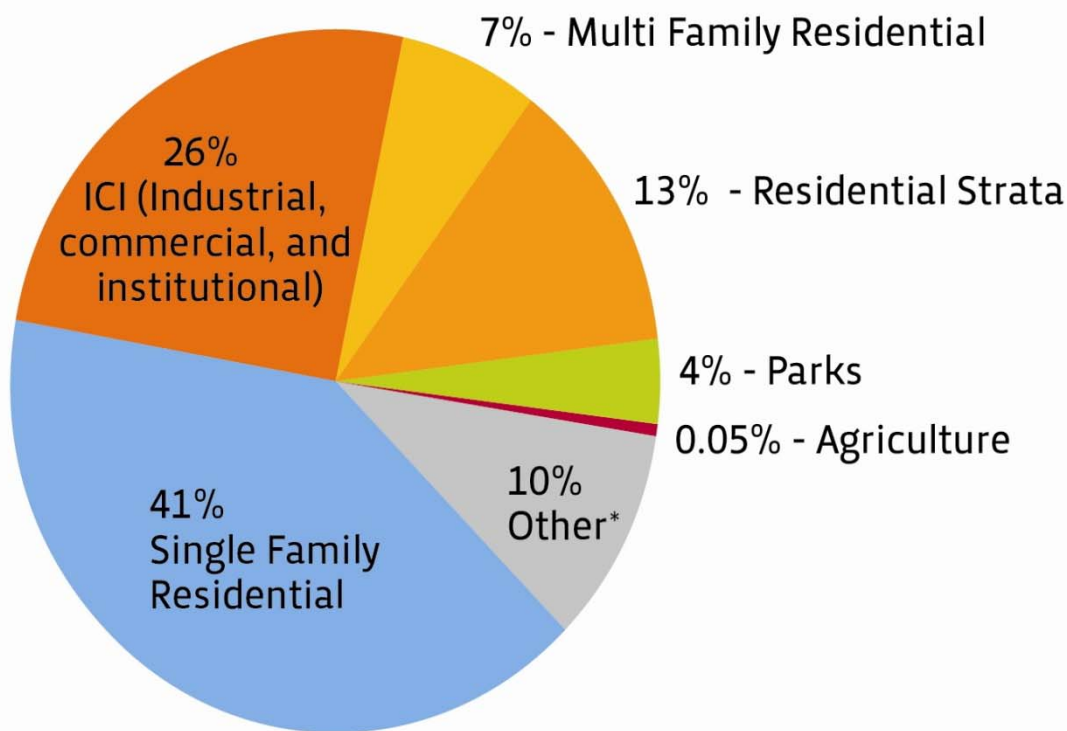
- Implemented universal metering and public education in 1998
- Achieved 20% reduction (Litres per capita/per person)
- Implemented 5-year Water Sustainability Action Plan in 2007

1. Demand Side Management Programs
2. Customer Education
3. Link Water Conservation to Development Approvals
4. Ensure Effective Full Cost Pricing
5. Reduce Water System Leakage
6. Ensure Use of Efficient Fixtures
7. Explore and Develop Water Reuse

Action plan goal of 15% reduction achieved as of 2012

Water Use by Sector

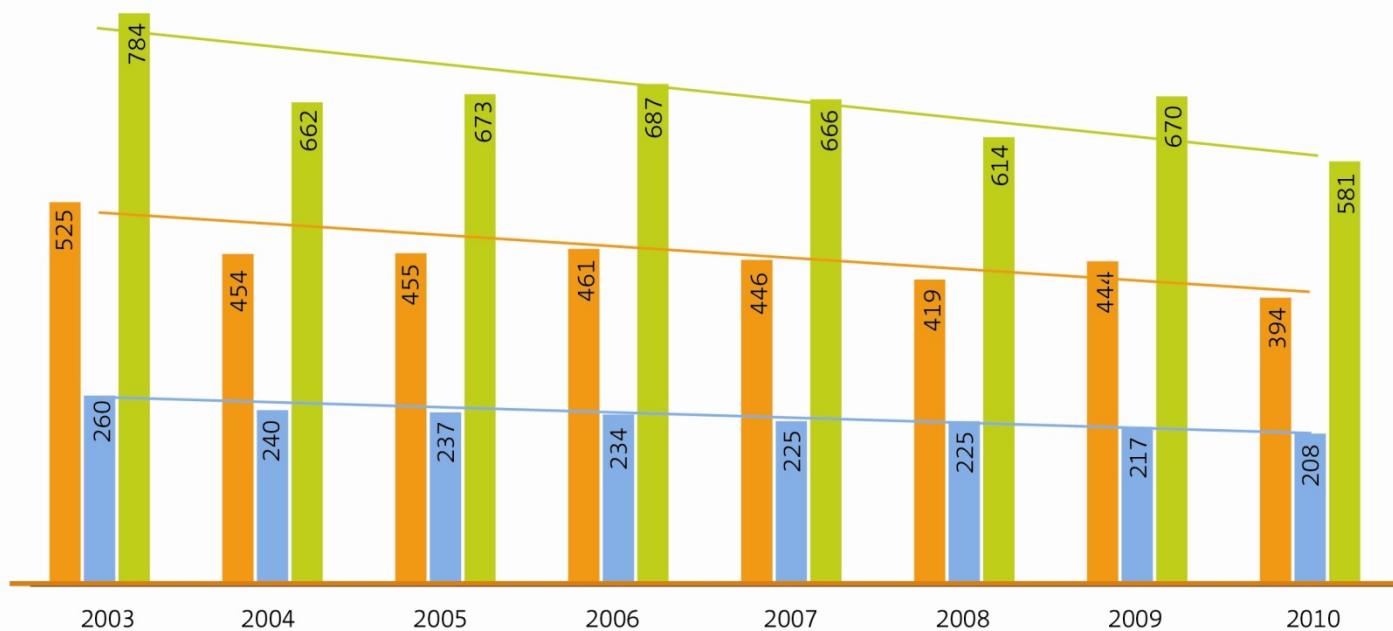
Total Supply 2010: 14,603,806 m³



* Other refers to unmetered water used by the utility for reservoir and water main flushing, water used by the fire department, and system losses due to leaks, theft, etc.

The City of Kelowna's Single Family Residential Per Capita Consumption

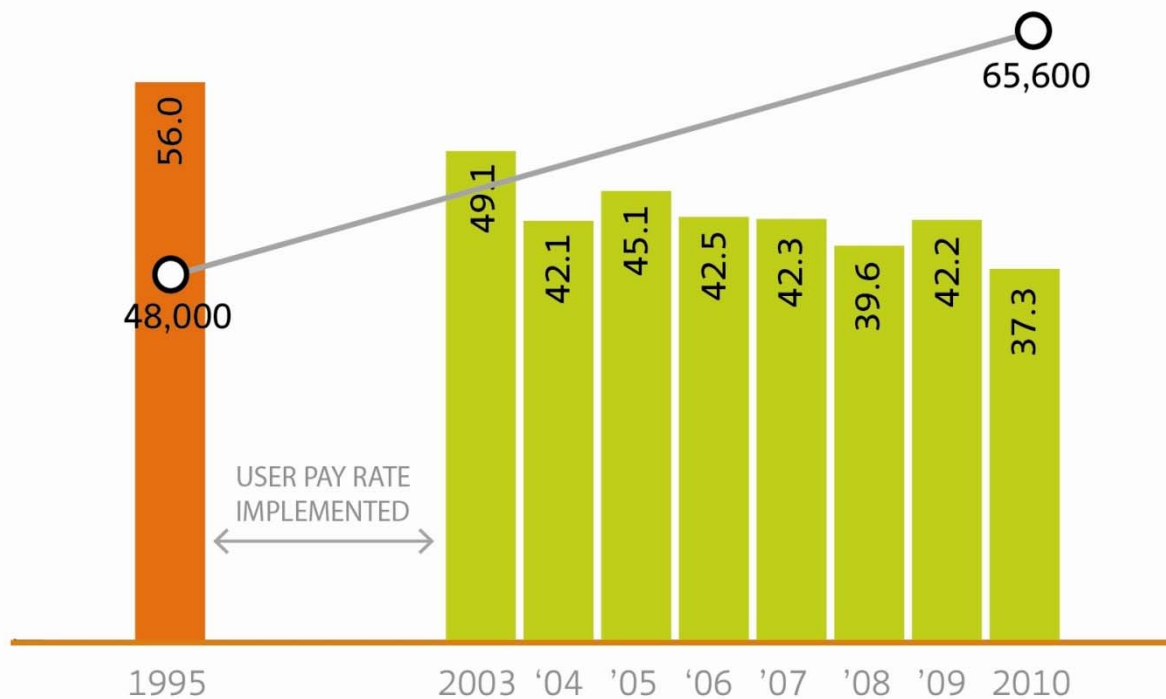
Litres per person per day



- Per Capita Consumption - Average
- Per Capita Consumption - Winter Month
- Per Capita Consumption - Summer Month

Average Monthly Residential Water Use Per Single Family Dwelling

Consumption (m³) ○ Population



Landscape and Irrigation Standards for Water Efficiency



Poor Soil



Poor Plant Choices



Poor Irrigation Systems

Landscape and Irrigation Standards for Water Efficiency



Proper Soil



Water Efficient Landscapes



System Standards

The Future: A New Five Year Plan

- ▶ Incentives
- ▶ Regulation
- ▶ Pricing
- ▶ Education

