

Water Conservation

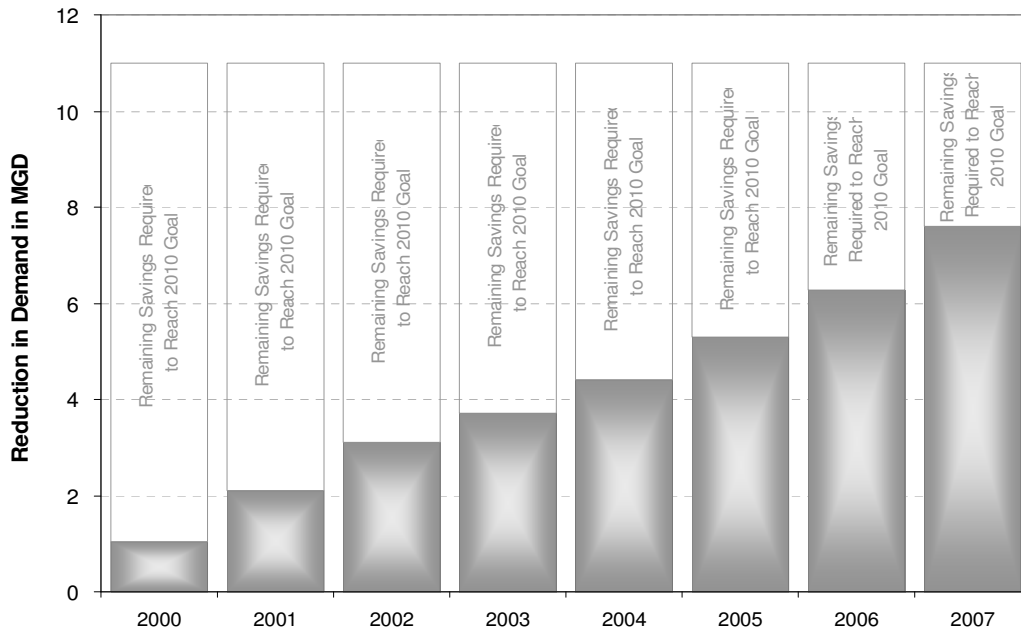
Water conservation is community partnership at its best. Conservation is where you have the most power to ensure we have enough for future generations, to manage your water and energy bills, to help the salmon and to gain low-cost insurance for any climate-change-related water supply issues.

Cedar River Water & Sewer District (CRWSD) is a member of the Saving Water Partnership, a group of 18 local utilities that has adopted a regional water conservation goal of 11.0 million gallons per day (mgd) by 2010. In 2007, the regional program, with our participation, achieved 1.28 mgd of savings, which is on track to meeting the 2010 goal. **Through the Saving Water Partnership, we are happy to report on the following successes in 2007:**

- We mailed nearly 80,000 single family residential customers high-efficiency showerheads, saving significant amounts of water and energy.
- We provided 7,000 WashWise rebates for efficient clothes washers.
- We launched educational efforts to introduce high-efficiency toilets that are 20% more efficient than standard (1.6 gallon per flush) models.
- We promoted irrigation system controllers that adjust to the weather and reduce water use by up to 30%, and worked with area nurseries to promote water-wise plantings.

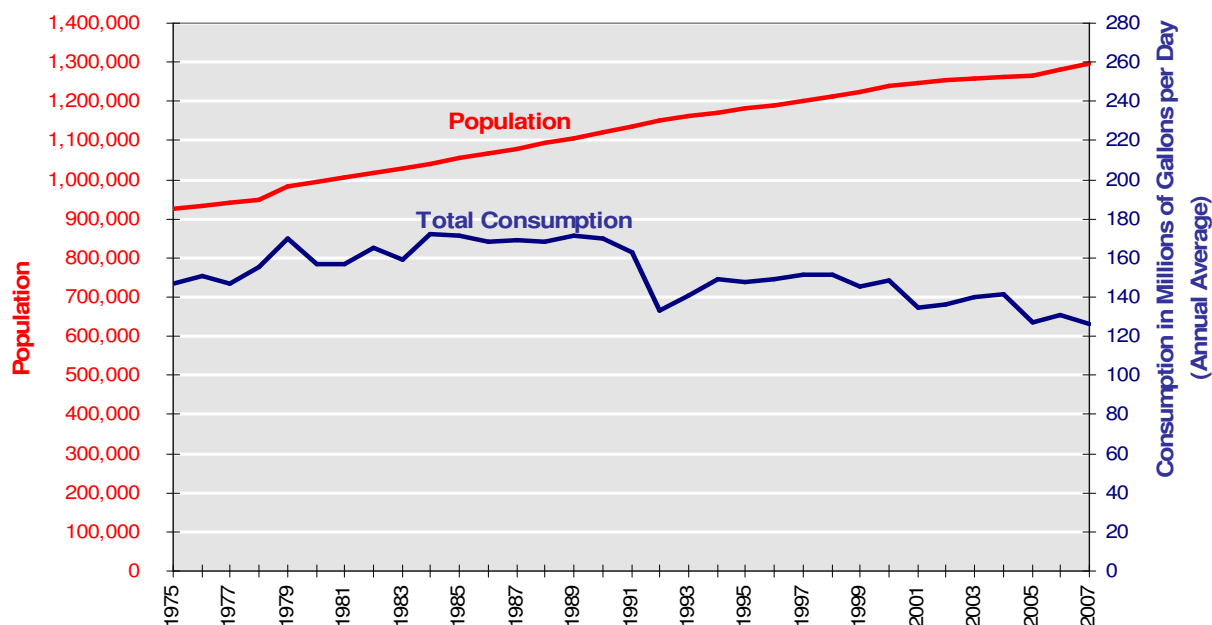
CRWSD purchased 709 Million gallons of water in 2007. Of this, less than 32.5 million gallons was lost to leakage. Expressed as percentage of water supplied to CRWSD's service area, the leakage rate was 4.6% which is low compared to most water utilities. CRWSD will continue to be proactive in evaluating and implementing additional water loss control methods to reduce leakage in the distribution system. For additional information on how you can conserve water, go to savingwater.org or call 206/684-SAVE (7283).

2010 Water Savings Targets and Estimated Cumulative Savings Since 1999 Conservation Programs Only



Since 1990, the population of the area served by Seattle's regional system has increased by 16% while water consumption has *declined* by 26%. On a per person basis, total water consumption has decreased 36% from 152 gallons to less than 100 gallons per person per day. As a result, we have extended our existing water supply and postponed the need to develop new sources by many decades.

Growth in Population and Water Consumption Seattle Regional Water System: 1975-2007



Measures of Water Consumption for Saving Water Partnership Utilities*: 1990, 2000 & 2007

	1990	2000	2007	%Change since 1990 2000	
Total Billed Water Consumption	121 mgd	108 mgd	94 mgd	-23%	-13%
Residential Consumption	79 mgd	72 mgd	64 mgd	-19%	-12%
Non-Residential Consumption**	43 mgd	35 mgd	30 mgd	-30%	-15%
Avg. Single Family Use per Household	231 gpd	194 gpd	166 gpd	-28%	-15%
Avg. Multifamily Use per Household	142 gpd	120 gpd	100 gpd	-30%	-17%
Residential: Avg. Use per Person	84 gpd	70 gpd	60 gpd	-29%	-15%
Non-Residential: Avg. Use per Employee**	71 gpd	51gpd	45 gpd	-37%	-11%

mgd = millions of gallons per day gpd = gallons per day

** While most of the decrease in non-residential consumption is due to conservation, some of it is due to changes in the economy. During times of economic slowdown, water consumption tends to decrease.

*Members of the Saving Water Partnership:

- City of Bothell
- City of Duvall
- City of Mercer Island
- Seattle Public Utilities
- Cedar River Water & Sewer District
- Coal Creek Utility District
- Highline Water District
- King County Water District No. 20
- King County Water District No. 45
- King County Water District No. 49
- King County Water District No. 90
- King County Water District No. 119
- King County Water District No. 125
- Northshore Utility District
- Olympic View Water & Sewer Distr
- Shoreline Water District
- Soos Creek Water & Sewer District
- Woodinville Water District

Here are some tips to help you conserve water and manage your utility bills:

- Take shorter showers
- Fix leaks (check your toilets for a leaking flapper once a year)
- Wash full loads of clothes and dishes
- If you have a yard, build healthy soil for healthy plants
- Water deeply and infrequently in the summer

To find out about appliance, irrigation, and other rebates, visit www.savingwater.org