

# Amount of Water Used for Common Activities\*

\* When using non-water conserving plumbing appliances and practices



## Brushing Teeth

3 gallons per minute the water is left running



## Shower

40 gallons per 10 minutes



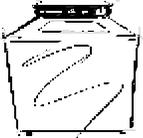
## Bath

20 gallons



## Toilet

25 gallons per day per person



## Clothes Washer

50 gallons per load



## Dishwasher

14 gallons per load



## Landscape

360 gallons per day



## Hosing Driveway

130 gallons for every 15 minutes



## Car Washing

100 - 160 gallons

## Savings To Be Achieved with Water Conserving Devices

### Toilet

Current flow rate: 5.0 gallons per flush

Low-flow device: 1.6 gallons per flush

Flushes per person per day: 5

◆ **Gallons saved per person per day: 17**

◆ **Gallons saved per person per month: 517**

### Bathroom Aerator

Current flow rate: 3.0 gallons per minute

Low-flow device: 1.5 gallons per minute

Average daily use per person: 6 minutes

◆ **Gallons saved per person per day: 9**

◆ **Gallons saved per person per month: 274**

### Kitchen Aerator

Current Flow Rate: 3.0 gallons per minute

Low-Flow Device: 2.0 gallons per minute

Average daily use per household: 15 minutes

(when dishes are hand washed)

◆ **Gallons saved per house per day: 15**

◆ **Gallons saved per house per month: 456**

### Showerheads

Current Flow Rate: 4 gallons per minute

Low-Flow Device: 1.5 gallons per minute

Average daily use per person: 10 minutes

◆ **Gallons saved per person per day: 25**

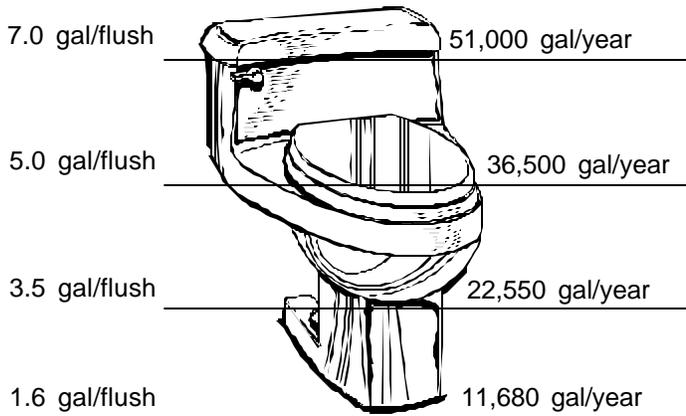
◆ **Gallons saved per person per month: 760**

*By changing out just the above four plumbing fixtures to water conserving ones, savings per person per day is 66 gallons. Per month, the savings comes to 2,007 gallons. Multiply this number by the number of family members and a major water savings can be achieved!*

Prepared by the City of Melbourne  
Environmental Community Outreach Division  
(10/02 revision)



# Are You Flushing Money Down the Drain?



Average annual water consumption composite of is based on an average of a 4-person family with five flushes per person per day for 365 days.

## Outdoor Uses Add Up

- ◆ A single lawn sprinkler sprays approximately five gallons of water per minute at a medium flow rate or 10 gallons per minute at a high flow rate.
- ◆ It takes about 660 gallons of water to supply 1,000 square feet of lawn with one inch of water.
- ◆ A broken sprinkler head wastes approximately 300 gallons of water in an hour.
- ◆ The average garden hose flows at 10-16 gallons of water per minute.
- ◆ A small leak in a garden hose can waste 700 gallons of water per day.

## How Much Do You Lose Through Common Leaks and Wasteful Practices

Fixture	Leak Amount	Approx. Gal./Month	Approx. Cost/Month	Approx. Cost/Year
Drippy Faucet	slow	300	\$2.05	\$24.60
	fast	600	\$4.13	\$49.56
	small stream	2,000	\$13.80	\$165.60
	large stream	4,000	\$27.60	\$331.20
Toilet	tank/bowl seal leaks	2,000	\$13.80	\$165.60
	sticks sometimes	10,000	\$69.00	\$828.00
	runs until jigged	20,000	\$138.00	\$1,656.00
	runs constantly	100,000	\$690.00	\$8,280.00
Ice Machines	valve sticks when running	28,000	\$193.20	\$2,318.40
	valve sticks when open	86,000	\$593.40	\$7,120.80
	(if water cooler add:)	23,000	\$158.70	\$1,904.40
Irrigation	sprinkler head broken	4,000	\$27.60	\$331.20
	sprinkler head missing	8,000	\$55.20	\$662.40
	sprinklers run daily	17,000	\$117.30	\$1,407.60
Swimming Pools	splash outs from overfilling	4,000	\$27.60	\$331.20

Costs are based on current City of Melbourne "Inside City" water and wastewater rates -- \$2.64/1,000 gallons of water, plus \$4.26 per thousand for wastewater based on gallons of water used.

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