

# What's in 60 gallons per person, per day?

EMWD's indoor water budgets are based on 60 gallons per person, per day. So what does that mean? The list below is an example of water use ranging from 30.5 gallons per person, per day (for newer, more efficient plumbing fixtures and appliances) to 55.4 gallons per person, per day (for older, less efficient plumbing fixtures and appliances).

	Amount per person	Newer fixtures/appliances	Older fixtures/appliances*
<b>Toilets</b>	4 flushes/day	1.6 gallons per flush	3 gallons per flush
<b>Showers</b>	8 minutes/day	1.3 gallons per minute	2.5 gallons per minute
<b>Faucets</b>	8 minutes/day	0.8 gallons per minute	1.3 gallons per minute
<b>Dishwasher</b>	.14 load/day (1 load/week)	.71 gallons/day (5 gallons per load)	1.3 gallons/day (9.3 gallons per load)
<b>Clothes washer</b>	.28 load/day (2 loads/week)	6.6 gallons/day (23 gallons per load)	11.7 gallons/day (41 gallons per load)

Remember, these figures represent water use per person.

\*Fixtures installed prior to 1992 may use even more water.

## May is Water Awareness Month Water – Use it Wisely!

**Water Awareness Month** originated in response to California's statewide drought in 1987-1992. On February 27, 2009, California declared a statewide drought emergency with water reserve supplies even lower than the previous drought. Current conditions make this year's Water Awareness Month more important than ever.

**What's your awareness about the critical nature of California's water supply? Did you know...**

...environmental regulations severely limit the amount of water that can be delivered from Northern California?

...even if California experienced a hundred year storm right now, mandatory restrictions could still be implemented this summer?

...more than 50 percent of household water is used outdoors – particularly in the summer?

...California Friendly landscaping uses up to 50 percent less water – even in the summer?



EMWD REPORT FORM

Customer Name: [REDACTED] Service Address: [REDACTED] Meter No.: [REDACTED]

Service Start Date: [REDACTED] Service End Date: [REDACTED]

Water Budget Information

Indoor Allocation: 7 BU

Based on Household Size: 3 people

Outdoor Allocation: 8 BU

Landscape Area: 2,443 sq ft

## Look for New Info on Your Water Bill!

### LOOK CLOSELY AT YOUR WATER BILL!

Now that water budgets and tiered rates are in effect, water bills have new information including household size, irrigated area, variances, and forecasted budgets. To see a sample water bill online with detailed explanations, visit [www.emwd.org](http://www.emwd.org).

## Water – Use It Wisely

"There are a number of ways to save water, and they all start with you. Every person is water-saving device #1"

One trick of the trade:

Next time you add or replace a flower or shrub, choose a low water-use plant.



# California's Water Shortage... what EMWD is doing about it!



Many of EMWD's projects, programs and activities are centered on the goal of efficiently using water resources and reducing dependence on imported water supplies in order to continue providing our customers safe and reliable service at reasonable costs!

As water supply decreases, the cost of water increases. EMWD has already experienced a 14.5 percent cost increase this year from Metropolitan Water District (MWD) with future increases on the horizon along with other increased operating costs. EMWD depends upon MWD for up to 75 percent of its drinking water supply, or up to 100,000 acre feet\* per year which supplies approximately 200,000 households per year.

**EMWD's Landscaping Retrofit Project** is a perfect example of EMWD's efforts to maximize water supplies – including recycled water which is used for landscaping at EMWD offices. The project replaced 57 acres of traditional landscaping – including 8.75 acres of turf grass – with water efficient landscaping and reduced EMWD's use of recycled water by approximately 87 percent! Part of the project includes a new Demonstration Garden.

**The District's Recycled Water Program** delivered nearly 28,000 acre feet in 2008 to golf courses, schools and agriculture customers. Every gallon of recycled water delivered is a gallon that doesn't have to be imported. In 2008, recycled water saved enough water to supply 56,000 households!

EMWD also maintains **two desalters** which make salty groundwater drinkable and produce approximately 3,000 acre feet per year. Another desalter is in the design phase. Additional **groundwater supplies** approximately 20,000 acre feet per year.

**Water use efficiency programs and rebates** resulted in saving approximately 2,800 acre feet in 2008.

In total, EMWD is producing/saving nearly 54,000 acre feet per year through local projects. That's enough water to supply 108,000 households and is more than 1/3 of EMWD's total water use.

EMWD is also striving to eliminate water waste throughout the service area with the **Water Use Efficiency Ordinance (Ordinance 72.24)**. Customers may be fined for runoff, hosing sidewalks/driveways, and daytime irrigation.

However, **the most effective water use efficiency tool for any water supplier is water budget-based tiered rates**. EMWD's water budgets will be customized for each customer to provide the water needed. The tiered rate structure is designed to reward water use efficiency and discourage water waste. Any mandatory cutbacks determined by EMWD's Water Shortage Contingency Plan will be implemented through water budgets. For more information, visit [www.emwd.org](http://www.emwd.org) and watch for important announcements in your water bills.

\*One acre foot of water equals 325,851 gallons.



**By maximizing local water supplies and minimizing water waste, EMWD is able to reduce its dependence on imported water from MWD.**