

Water-Use Efficiency

The Water Authority's leadership role in water conservation

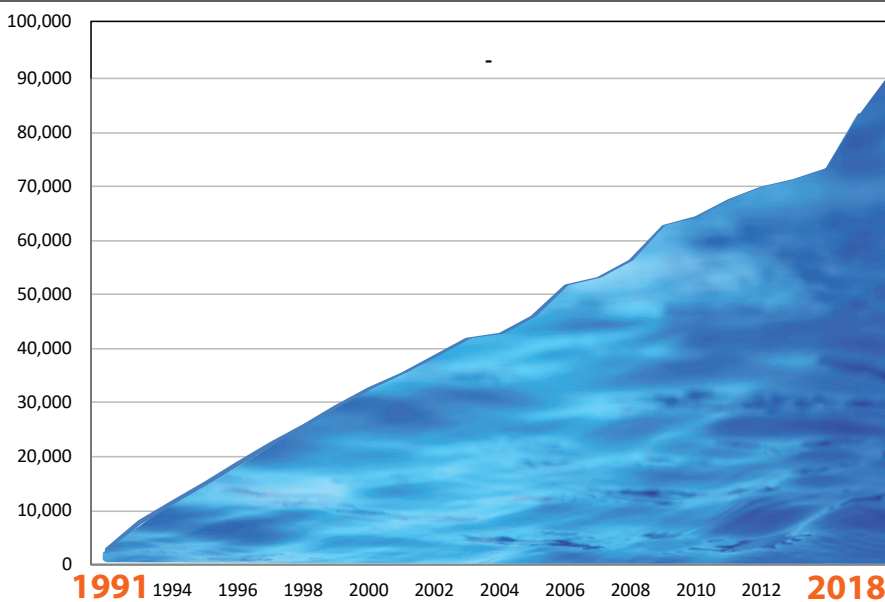


DIVERSIFICATION Enhancing Water Supply Reliability

Water conservation is a core element of the San Diego County Water Authority's long-term strategy to improve the reliability of the region's water supply by diversifying our supply sources.

Since 1991, the Water Authority's water-use efficiency programs and initiatives cumulatively have conserved more than 1 million acre-feet of water. These savings have been achieved through measures that include incentives on water-efficient devices, legislative efforts, and outreach programs. The region is on track to meet the state's mandate to reduce per capita water use 20 percent by 2020.

Annual Water Savings (1991 - 2018)



To strengthen the Water Authority's ongoing commitment to supporting water conservation, the Water Authority's Board of Directors adopted a set of Water Use Efficiency Policy Principles. The principles provide high-level, strategic direction on the prioritization, development and implementation of water-use efficiency programs and initiatives. To read the

principles, go to sdcwa.org/water-use-policy-principles.pdf.

Legislation

For three decades, the Water Authority has been a statewide leader in sponsoring legislation to improve water-use efficiency. Landmark water conservation legislation sponsored by the Water Authority includes:

- 1991 – SB 1224, which required that toilets sold or installed in 1994 or later use no more than 1.6 gallons per flush — a standard adopted nationally in the Energy Policy Act of 1992. It also required urinals to use a gallon of water or less per flush.
- 2000 – SB 553, which updated best management practices for Urban Water Management Plans by revising the list of water conservation programs, such as residential ultra-low-flush toilet replacement and high-efficiency washing machine rebate programs. Further, in 2009, AB 1465 required Urban Water Management Plans to include descriptions of water conservation goals, and implementation and reporting measures.
- 2001 – AB 952, which provided tax incentives for the purchase of water conservation devices such as water- and energy-conserving clothes washers, and toilets that flushed 1.6 gallons or less. Further, in 2002, AB 1561 set higher statewide water-efficiency standards for residential clothes washers.
- 2003 – AB 514, which required water users to be fully metered and metered users to start being charged volumetrically. Further, in 2004, AB 2572 required

AF = acre-foot

One acre-foot is approximately 325,900 gallons, enough to supply 2.5 single-family households of four for a year.

all water connections in California be metered by 2025 and that customers with meters be billed based upon water use, rather than a flat fee. In 2007, SB 1050 changed the State Water Code to allow water suppliers that promoted conservation through volumetric water pricing to charge for the actual volume of metered water delivered.

- 2004 – AB 2717, which created a state-wide task force on outdoor landscape water conservation. As a result, in 2006, AB 1881 implemented the task force's recommendations, including adoption of water-efficient landscape ordinances around the state, standards for landscape irrigation equipment, separate water meters for large landscapes, and prohibitions against banning low-water-use plants.
- 2009 – The Water Authority successfully lobbied the San Diego County delegation to the state Legislature to vote for SBX7-7, establishing a statewide goal of a 20 percent reduction in per capita water use by 2020.
- 2015 – The Water Authority sponsored AB 349, which prohibits common interest developments (typically governed by homeowners associations, or HOAs) from banning artificial turf.

Water Efficiency and Conservation Tools

- **Rebates and Incentives:** A range of local and regional incentive programs help to accelerate the acceptance of water-efficient technologies and practices. For instance,

the Water Authority and its partners offer rebates on high-efficiency clothes washers, rotating sprinkler nozzles and soil moisture sensors. These programs have helped hundreds of thousands of residential, commercial and agricultural water users improve their water efficiency. For a list of current services and incentives, go to **WaterSmartSD.org**.

- **Audits and Surveys:** Programs offering residential, commercial and agricultural customers free, on-site water-use evaluations that identify

specific measures to save water are a great resource. For details, go to **WaterSmartSD.org**.

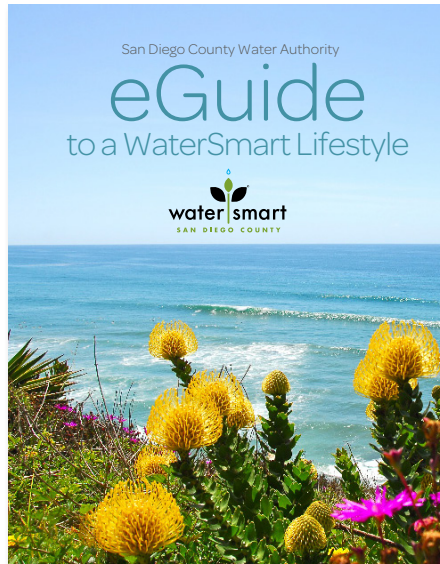
■ “How-To” Tools and Market Transformation:

A focus of the Water Authority's water conservation efforts is empowering and inspiring more residents to adopt WaterSmart lifestyles with the help of websites, partnerships, publications, workshops, and other resources designed to maximize the reliability and effectiveness of water-saving measures. Free WaterSmart landscaping classes are available

throughout the year at various locations. Resources are at **WaterSmartSD.org**. ■

Conservation devices installed since 1990 include:

- More than 530,000 ultra-low-flush and high-efficiency toilets
- More than 100,000 high-efficiency clothes washers
- More than 600,000 water-saving showerheads



The Water Authority developed a free digital flipbook that includes landscape design tools, plant finders, home water-use calculators and videos.



**San Diego County
Water Authority**
Our Region's Trusted
Water Leader

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WaterSmartSD.org

