

SOUTH BAY WATER RECYCLING



Providing Drought Proof, High Quality Water for our COMMUNITY.

South Bay Water Recycling (SBWR) has been serving Silicon Valley communities for more than 10 years. Our recycled water system consists of over 100 miles of pipeline, 5 pump stations, and 10 million gallons of storage in reservoirs. Recycled water is used to irrigate food crops, parks, schools, golf courses, street medians, and business park landscaping. It is also used for cooling buildings, industrial processes, and paper manufacturing. Current customers include the San Francisco 49ers training facility in Santa Clara, The Villages Golf and Country Club in San José, the McCarthy Ranch shopping center in Milpitas, and four major power plants in the County.



In 2008, South Bay Water Recycling delivered about 10 million gallons per day to more than 550 customers for non-drinking (nonpotable) uses. The City of San José plans to double that amount over the next decade.

Why is using recycled water important?

Recycled water is a smart choice. South Bay Water Recycling provides a sustainable, high-quality water supply -- reducing our dependency on imported water and preserving our drinking water supply for current and future generations. Every gallon of water that is recycled conserves a gallon of precious drinking water.



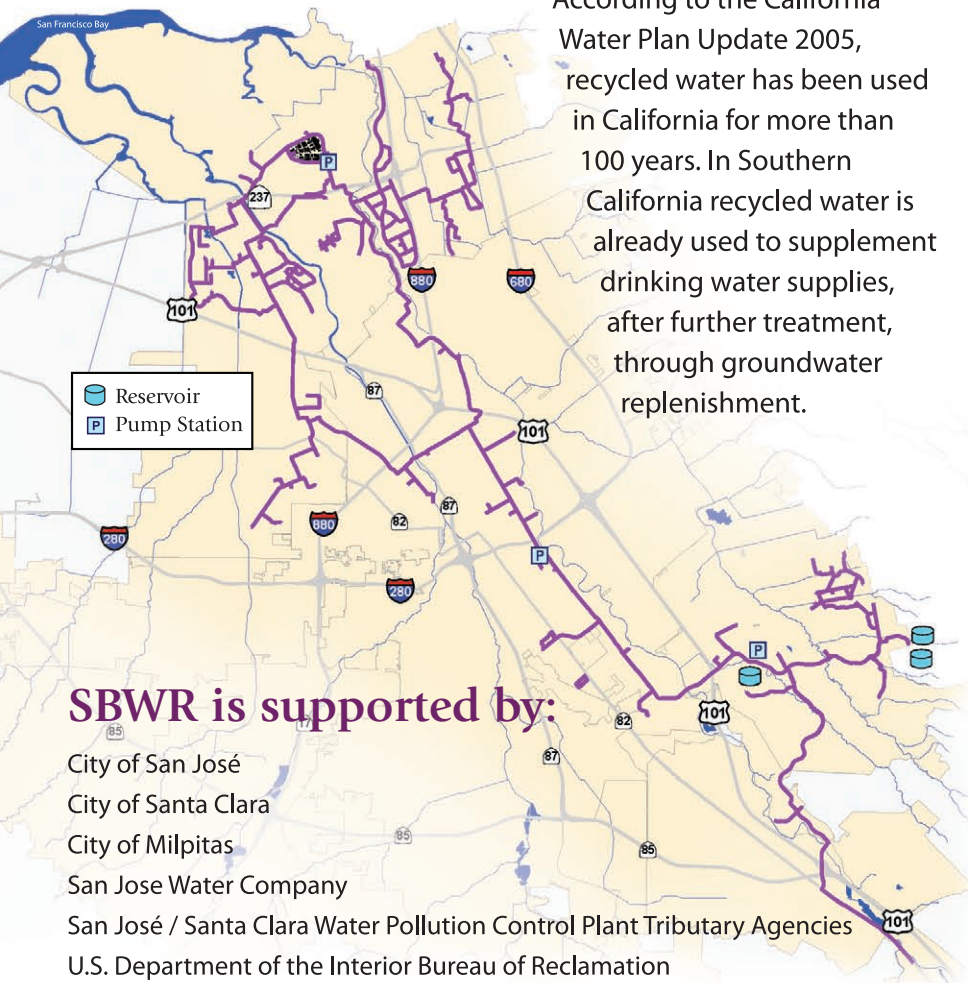
As of August 2008, South Bay Water Recycling customers have helped to conserve more than 23 billion gallons of drinking water. That's enough drinking water to supply over 100,000 South Bay households for a year. Limited drinking water supplies will continue to tighten statewide. In order to meet the 2020 forecasted drinking water demands, the Santa Clara Valley Water District has identified that 10% of the total water supply for the County must come from recycled water.

Using recycled water is also important because it reduces our impact on the environment by decreasing our carbon footprint and protecting habitat.

More than a century of application

Just as paper and aluminum cans are recycled, so is water. In fact, the Earth has always recycled its water through a continuous loop of evaporation and precipitation. In the South Bay we recycle our water through a combination of treatment processes that imitate nature. This process removes 99% of the impurities. Recycled water is treated to high standards set by the California Department of Public Health and is routinely monitored as required by local, state and federal agencies.

According to the California Water Plan Update 2005, recycled water has been used in California for more than 100 years. In Southern California recycled water is already used to supplement drinking water supplies, after further treatment, through groundwater replenishment.



SBWR is supported by:

- City of San José
- City of Santa Clara
- City of Milpitas
- San Jose Water Company
- San José / Santa Clara Water Pollution Control Plant Tributary Agencies
- U.S. Department of the Interior Bureau of Reclamation
- California Department of Public Health
- California Department of Water Resources
- California State Water Resources Control Board
- Santa Clara Valley Water District
- WaterReuse Association



For more information, visit the South Bay Water Recycling website at www.sanjoseca.gov/sbwr or call (408) 277-3671.

In accordance with the Americans with Disabilities Act, City of San José Environmental Services materials can be made available upon request in alternative formats, such as Braille, large print, audio-tape or computer disk. Requests may be made by calling (408) 535-8550 (Voice) or (800) 735-2929 (CRS).

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Many Uses for Recycled WATER

Recycled water is used in thousands of locations nationwide. In California alone, recycled water is used by more than 4,000 customers.



Food Crops



Schools

Industrial Purposes



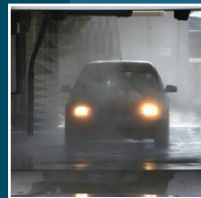
4,000 Customers in California

Parks

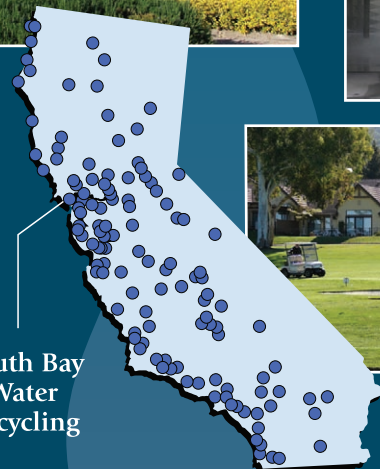
Business Parks



Car Washes



South Bay Water Recycling



Golf Courses