

# Recycled Water

## PURSuing RECYCLED WATER SOLUTIONS TO MEET SUPPLY NEEDS

### Having a reliable water supply is important in reinforcing San José's




future as a sustainable and flourishing community. About half of the water used in Santa Clara County is imported, which makes it energy intensive. To date, the City conserves 21 million gallons per day and plans to raise that total by expanding its successful water conservation programs.

Recycled water is a critical component in strengthening the reliability of our water supply. The South Bay Water Recycling program provides a sustainable, non-potable water supply that is treated to remove 99 percent of all impurities. Every gallon of water that is recycled reduces dependency on imported water and preserves drinking water supplies for current and future generations in the South Bay region.

### WHAT WE ARE DOING

-  As the administering agency of South Bay Water Recycling, the City of San José recycles an average of 8.1 million gallons to 622 irrigation and industrial customers in our area.
-  Collaborating with local industry to expand the use of recycled water beyond landscape irrigation, including more cooling towers and toilets that use recycled water.
-  Partnering with the Santa Clara Valley Water District to construct an Advanced Water Treatment Facility, which will improve recycled water quality for new applications.

### GET INVOLVED

-  Learn more about the benefits of recycled water at [www.sanjoseca.gov/SBWR](http://www.sanjoseca.gov/SBWR).
-  Help conserve water by following tips at [www.sanjoseca.gov/esd/water-conservation](http://www.sanjoseca.gov/esd/water-conservation).
-  Properly dispose household hazardous waste to keep pollutants out of the sanitary sewer system and the Bay, [www.Baywise.org](http://www.Baywise.org).

### ABOUT THE GREEN VISION

The San José Green Vision, a 15-year plan adopted in 2007, charts ambitious goals for clean tech jobs, energy use reduction, renewable energy, green building, waste reduction, water reuse, sustainable development, clean fleet, trees, zero emission streetlights and interconnected trails. The plan is designed to lead us into a future of economic growth, environmental sustainability and an enhanced quality of life for our community.

Learn more: <http://greenvision.sanjoseca.gov/>

### GOAL

Recycle or beneficially reuse 100% of our wastewater (100 million gallons per day)

### HIGHLIGHTS

- Over \$45 million in federal grants to expand the recycled water infrastructure
- South Bay Water Recycling is the largest urban water recycling program in Northern California
- Since 1998, the South Bay Water Recycling Program has helped customers conserve more than 33 billion gallons of drinking water; enough to supply 166,000 households for over 1 year



### CONTACT INFO:

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## GREEN VISION GOALS

### BY THE YEAR 2022:

-  1. Create 25,000 Clean Tech jobs as the World Center of Clean Tech Innovation
-  2. Reduce per capita energy use by 50 percent
-  3. Receive 100 percent of our electrical power from clean renewable sources
-  4. Build or retrofit 50 million square feet of green buildings
-  5. Divert 100 percent of the waste from our landfill and convert waste to energy
-  6. Recycle or beneficially reuse 100 percent of our wastewater (100 million gallons per day)
-  7. Adopt a General Plan with measurable standards for sustainable development
-  8. Ensure that 100 percent of public fleet vehicles run on alternative fuels
-  9. Plant 100,000 new trees and replace 100 percent of our streetlights with smart, zeroemission lighting
-  10. Create 100 miles of interconnected trails



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