

2016 Local Water Update

HETCH HETCHY + LOCAL WATER

Better together.

Groundwater • Recycled Water • Conservation

Programs to conserve water and develop new supplies in the Bay Area.



Local Water:

- + Allows us to stretch our water supplies.
- + Makes our water supply more reliable should a drought or disaster interrupt our regional water sources.
- + Gives us greater flexibility to meet the diverse needs of our customers.

Groundwater

Groundwater - also known as well water - is a renewable source of naturally occurring water that is found beneath the ground surface.

In early 2017, the *San Francisco Groundwater Supply Project* will begin to blend local, sustainable groundwater into San Francisco's current drinking water supply. At the completion of the project, this supplemental supply will add up to 4 million gallons per day to serve the City's water demands.

Outside of San Francisco, through a regional partnership with the California Water Service Company (serving South San Francisco and Colma), and the cities of Daly City and San Bruno, our *Regional Groundwater Storage and Recovery Project* will balance groundwater and Hetch Hetchy water to increase dry year water supplies.

During wet years - when water is plentiful - we will provide water from our Hetch Hetchy Regional Water System to our neighboring communities. This will reduce their need to pump groundwater, thus allowing the Westside Groundwater Basin to refill.

The project will also install 16 deep groundwater wells to extract stored groundwater in dry years or drought. This protected groundwater supply would help us stretch our Hetch Hetchy water supply over a 7.5-year drought.

Our groundwater supply will come from the 45-square-mile Westside Basin, a series of aquifers extending from Golden Gate Park in San Francisco southward through San Bruno. The basin is a vital local resource for San Francisco and neighboring communities in San Mateo County. Our Groundwater Program includes an ongoing stewardship and management program.

Recycled Water

Recycled water is wastewater that has been purified through multiple levels of treatment to meet stringent quality and safety standards set by the State Water Resources Control Board.

Recycled water is being safely and successfully used in California and across the U.S. to irrigate parks, wildlife habitat, and other landscaping. It is also used for toilet flushing, fire suppression, and in some cities, for applications such as industrial processing.

On the west side of San Francisco, we are aiming to save up to 2 million gallons per day of drinking water that is currently used for non-drinking purposes such as irrigation. The *Westside Recycled Water Project* includes the construction of a new recycled water treatment facility within our existing Oceanside Water Pollution Control Plant, along with storage reservoirs, pump stations, and pipelines to deliver recycled water. The recycled water produced by this project will be used to irrigate Golden Gate Park, Lincoln Park, Presidio Golf Course, and San Francisco's National Cemetery.

Current Use of Recycled Water

In partnership with Daly City, we deliver recycled water to irrigate Harding Park and Fleming Golf Courses. Since October 2012, recycled water produced by the North San Mateo County Sanitation District, a subsidiary of Daly City, has been used to irrigate 163 acres of public golf course greens.

Since 2014, in partnership with the North Coast County Water District (NCCWD), we deliver recycled water to irrigate the eastside of the Sharp Park Golf Course in Pacifica (a San Francisco retail water customer), and other nearby areas.

Find out more at
sfwater.org/localwater

Conservation

San Francisco has maintained an active water conservation program since California's last significant drought in 1988. In the last 10 years alone, water conservation efforts have been proven to reduce water use (a 17% reduction) even in the face of population growth (4% increase).

We offer a number of services and programs to help homes, apartments, and businesses use water wisely, for both tenants and property owners.

Water Wise Evaluations

During a free Water-Wise Evaluation, a trained technician will visit your property to help identify leaks, inefficient fixtures, and provide recommendations to improve water efficiency.

Apartment managers, homeowner associations, and multi-floor commercial buildings are encouraged to use our free site assessments to check as many individual units in their facilities as possible to maximize potential water savings and to receive free high-efficiency showerheads, faucet aerators, and standard toilet leak repair parts. To schedule, call (415) 551-4730.

Fixture Rebates

Customers may be eligible for rebates when purchasing select high-efficiency plumbing fixtures and appliances. Replacement of old, water-guzzling fixtures and wasteful appliances can add up to big savings on water and energy bills, and can help protect our precious water supply.

Qualifying fixtures and appliances include:

- High-Efficiency Toilets
- High-Efficiency Clothes Washers
- Coin-Operated Clothes Washers

Program restrictions apply. Visit sfwater.org/conservation for details and qualifying models.

For Landscapes

We can help customers maintain beautiful and water-efficient landscapes. Visit sfwater.org/landscape for complete program details, including:

- Free landscape water-efficiency evaluations
- Free gardening classes
- Water-wise guidebooks and plant lists
- Financial incentives for rainwater and graywater systems

Free Plumbing Devices

All properties can benefit from immediate water savings with free plumbing devices:

- High-efficiency showerheads
- Faucet aerators for kitchens and bathrooms
- Garden hose shut-off nozzles
- Standard toilet leak repair parts

Devices are provided during a Water-Wise Evaluation. Select free plumbing devices for single family and under 10-unit multi-family homes are also available at:

Customer Service 8am to 5pm, Mon. to Fri.
525 Golden Gate Avenue, 1st Floor
San Francisco, CA 94102

Contact Water Conservation at:

(415) 551-4730
waterconservation@sflower.org
sfwater.org/conservation

Innovation in Onsite Water Reuse

Our Non-potable Water Program allows commercial, multi-family, and mixed-use developments in San Francisco to collect, treat, and reuse water for toilet flushing, irrigation, and other non-potable uses.

Established through an ordinance adopted by the San Francisco Board of Supervisors, this program encourages the use of water generated on-site to expand water savings and further diversify our water supply portfolio.

As of November 1, 2015, all new buildings of 250,000 square feet or more of gross floor, located within the boundaries of San Francisco's designated recycled water use area must be constructed, operated, and maintained using available alternate water sources for toilet and urinal flushing and irrigation.

On November 1, 2016, all new buildings of 250,000 square feet or more of gross floor must be constructed, operated, and maintained using available alternate water sources for toilet and urinal flushing and irrigation.

