

# Meet Long Beach Water

Long Beach Water delivers high quality and safe drinking water to the city of Long Beach and manages wastewater collection in an environmentally responsible manner while continually providing exceptional customer service.

As a recognized leader in water use efficiency and innovation, Long Beach Water contributes to creating a sustainable community, develops collaborative partnerships and fosters a quality workforce.

To learn more, visit [lbwater.org](http://lbwater.org)

## QUICK FACTS

- **Established in 1911**
- **Serves nearly 500,000 people in 50 square miles**
- **24/7, 365 days a year water and sewer emergency response**
- **Today's water supply portfolio consists of mostly local groundwater supplemented with imported water and recycled water**
- **Long Beach ratepayers enjoy some of the lowest water and sewer rates in the state**
- **End-to-end, our water and sewer mains span 1,600 miles, which is roughly the distance between Long Beach and Houston, Texas**

## WATER QUALITY

We take seriously our fundamental responsibility of serving clean, safe water to our community.

Long Beach drinking water meets and exceeds state and federal drinking water standards. Our Groundwater Treatment Plant continues to lead in innovation and quality.

And we're consistently recognized by the American Water Works Association and U.S. Environmental Protection Agency for exceptional water treatment and distribution systems.

Each year, we publish a Consumer Confidence Report that details our exceptional water quality. To read the report go to [lbwater.org/waterqualityreport](http://lbwater.org/waterqualityreport).

## GOVERNANCE

Long Beach Water is governed by an independent five member Board of Water Commissioners. Visit our website to view our the meeting schedule and latest agenda.



*President*  
**Gloria Cordero**  
(Metropolitan Water District Director)



*Vice President*  
**Naomi Rainey**



*Secretary*  
**Gina Rushing Maguire**



*Commissioner*  
**Robert Shannon**



*Commissioner*  
**Frank Martinez**

## INFRASTRUCTURE

Our capital improvement projects continue to provide our community with the highest level of infrastructure reliability, efficiency and quality.

Because of these investments, Long Beach Water is able to provide consistent service to our customers, recording fewer main breaks than the majority of water utilities in California.

In management of our sewer system, we have strategically installed SmartCovers throughout the city to prevent sanitary sewer overflows and protect community health and safety.

In coming years, Long Beach Water has plans to significantly invest in infrastructure, sustainability, climate change adaptations and energy efficiency.

# CREATING A CULTURE:

## SUSTAINABILITY IS THE LONG BEACH WAY OF LIFE

We're proud of our commitment to sustainability as the Long Beach way of life and our ongoing support for the community's conservation efforts.

**Long Beach residents have steadily and dramatically shifted the way we use water — we use less water now than we did in the 1950s despite a 40 percent increase in our population.**

We provide a wide array of innovative programs and initiatives to help our residents and businesses be water use efficient.



### LAWN-TO-GARDEN

*Residential and commercial customers*

We provide a monetary incentive to encourage residents to convert grass turf to a beautiful, water-wise garden.

Lawn-to-Garden adds sustainable, water efficient landscapes to our city that also capture stormwater, reduce runoff and create enhanced habitat, biodiversity and air quality for our city.

For more details visit [lbwater.org/garden](http://lbwater.org/garden)



**As of 2022, we've converted nearly 4 million square feet of turf and saved more than 120 million gallons of water!**



### DIRECT INSTALL GARDENS

*Single-family homeowners in disadvantaged communities*

We remove grass turf for low-income homeowners in underserved neighborhoods and install a beautiful, water-wise garden at no cost to the resident.

This program focuses on neighborhoods that have been impacted by environmental pollution. Planting new trees helps capture carbon and expand our urban forest.

This work is made possible through a partnership with Conservation Corps of Long Beach, which connects at-risk youth to their communities through work, education and conservation.

For more details visit [lbwater.org/dig](http://lbwater.org/dig)



### NATIVE PLANT PARKWAY

*Property owners*

We give Long Beach parkways (the area between the sidewalk and the street) a new, drought-friendly look at no cost to the property owner.

In partnership with California Native Plant Society, we provide a free kit with plants and a design focusing on native landscapes.

For more details visit [lbwater.org/parkway](http://lbwater.org/parkway)





## FOLLOW US

For more Long Beach Water news and information visit:  
[LiveH2OLB.com](http://LiveH2OLB.com)



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@longbeachwater



## CERTIFIED BLUE RESTAURANT

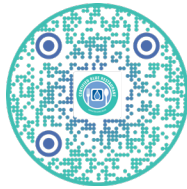
*Restaurants and local eateries*

We partner with Long Beach eateries, one of the highest water using industries, to increase efficiency.

Businesses receive free conservation tools and are encouraged to upgrade to water-wise appliances and equipment.

Certified Blue restaurants are promoted through Long Beach Water social media and at citywide events.

For more details visit [lbwater.org/blue](http://lbwater.org/blue)



## DIRECT INSTALL FOR MULTI-FAMILY EFFICIENCY

*Multi-family rental units in disadvantaged communities*

We provide and install efficient water and gas devices at no cost to the renter or property owner.

Program contractors also help homeowners identify and repair existing leaks.

The program gives Long Beach Water an opportunity to engage with tenants living in multi-family buildings, who typically don't receive a water bill or direct communications.

For more details visit [lbwater.org/dime](http://lbwater.org/dime)



## OUTREACH PROGRAMS

### SPEAKERS BUREAU

In addition to serving the community every day, Long Beach Water employees also volunteer their personal time to engage with residents and businesses at events throughout the city.

Through this group, known as Speakers Bureau, Long Beach Water is able to build a strong relationship with community members and also get the word out about critical conservation messages and supportive programs.



### K-8 STUDENTS



Long Beach Water partners with City of Long Beach Energy Resources Department and Environmental Services Bureau to educate and inspire K-8 students and their families to save water, energy and reduce waste.

The program includes science-based, live performances in local schools plus teacher, parent and student resources.

Our effort is consistent with the City's climate change action and adaptation initiatives.

### HIGH SCHOOL + COLLEGE STUDENTS

Long Beach Water supports community education about conservation of natural resources, engineering concepts and problem solving.

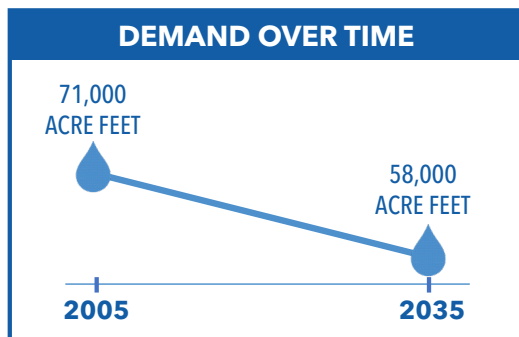
We offer paid summer internships in engineering, water quality and water conservation, providing hands-on work experience in utility industry.

Long Beach Water also works to promote utility industry careers for local students through career fairs and school outreach events.

# BUILDING THE FUTURE

## LONG BEACH WATER SUPPLY PORTFOLIO

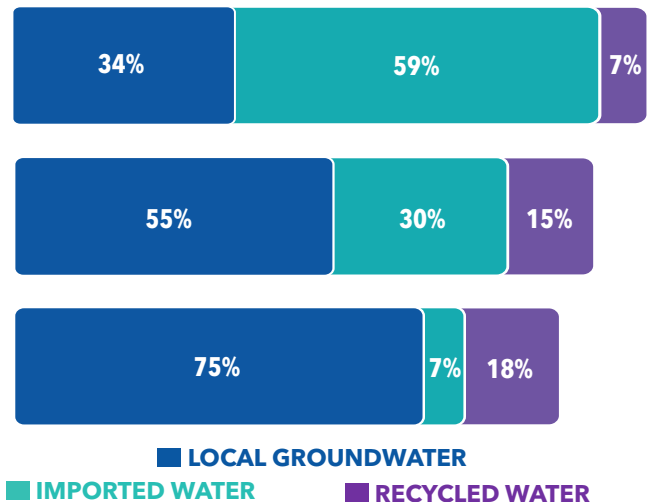
Long Beach Water works hard to ensure a reliable, sustainable supply of water and enhance drought resiliency in the face of climate change. Long Beach Water continues to innovate to meet water demand and address supply challenges.



**PAST AVERAGES**  
**71,000**  
Acre feet of water use

**TODAY AVERAGES**  
**60,000**  
Acre feet of water use

**TOMORROW GOALS**  
**58,000**  
Acre feet of water use



**What is an Acre Foot?**

The volume of water that would cover one acre to a depth of one foot

## INCREASING RECYCLED WATER USE THROUGH ADVANCED TREATMENT

TODAY



### TRADITIONAL RECLAMATION PLANT

Wastewater is transformed into tertiary treated recycled water



### OUR RECYCLED WATER USES TODAY

Tertiary treated recycled water is used for:

- Parks
- Landscaping
- Golf courses
- Industrial uses

TOMORROW



### ADVANCED WATER TREATMENT FACILITIES

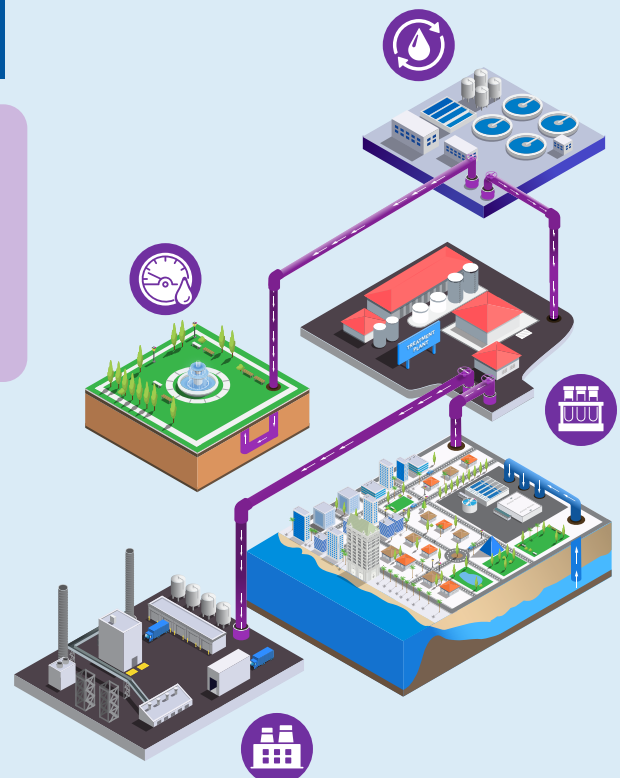
Technologies such as reverse osmosis and ultraviolet light purify tertiary treated recycled water



### FUTURE USES FOR RECYCLED WATER

Advanced treated recycled water will be used for:

- Industrial non-potable water processes
- Groundwater supply augmentation



# OUR PRIORITIES



## WATER RESOURCES PLAN

As California continues to face the challenge of unprecedented drought, Long Beach Water is working hard to ensure a sustainable supply of safe, clean drinking water for our community's future. Long Beach Water's extensive Water Resources Plan outlines opportunities to pursue sustainable and innovative water sources to ensure water system reliability and water affordability.



- 1 Increase sustainable groundwater production
- 2 Augment groundwater basins
- 3 Offset potable use with recycled water

## MAXIMIZING LOCAL GROUNDWATER

Large groundwater basins lie beneath Los Angeles County and have served as natural reservoirs for underground water storage for millions of years. Groundwater is a local, sustainable and cost efficient source of water. Long Beach has groundwater wells located throughout the city and currently has water rights to pump 33,000 acre-feet of groundwater per year from the Central Basin. Long Beach is fortunate to have local groundwater options, and is adding new groundwater wells to take advantage of this resource. This is especially important as imported water becomes scarcer and more expensive.

### • Well Drilling and Rehab

Twelve new groundwater wells are in construction and design in Long Beach and up to 20 more wells are scheduled for rehabilitation in coming years. Long Beach Water is also exploring new wells in the West Coast Basin, which we do not currently tap for groundwater.

### • Untapped Resources

Long Beach Water is looking at partnerships with surrounding agencies to increase local and recycled water supply options.

