

West Basin Municipal Water District

About West Basin



The West Basin mission is to provide a safe and reliable supply of high quality water to the communities it serves.

What We Do

We are a wholesale water agency that provides imported drinking water to nearly one million people in a 185-square mile service area encompassing 17 cities and various unincorporated areas in Los Angeles County. In addition to imported water, West Basin provides the following key services:

- Producing five types of customer-specific recycled water
- Implementing effective water use efficiency and conservation programs
- Exploring desalination technologies
- Providing community outreach and education programs

Water Reliability

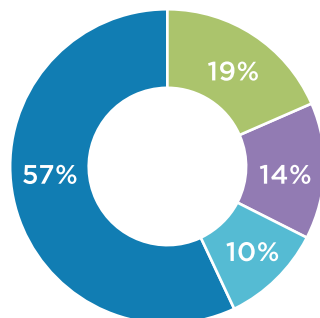
West Basin ensures water reliability through a diverse water supply portfolio that aims to:

- Protect the District's existing water supply
- Diversify and augment our supply portfolio
- Innovate to prepare for the future

Water Supply Portfolio

Based on 2020 Urban Water Management Plan

- Imported Water
- Conservation
- Recycled Water
- Groundwater



West Basin's Edward C. Little Water Recycling Facility

Board of Directors

Five elected directors each serve a designated District division.



Harold C. Williams

Division I

Carson, Palos Verdes Estates, Rancho Palos Verdes, Rolling Hills, Rolling Hills Estates, and unincorporated LA County areas of Rancho Dominguez



Gloria D. Gray

Division II

Inglewood, and unincorporated LA County areas of Lennox, South Ladera Heights, West Athens, and Westmont



Desi Alvarez

Division III

Hermosa Beach, Lomita, Manhattan Beach, Redondo Beach, portion of Torrance



Scott Houston

Division IV

Culver City, El Segundo, Malibu, West Hollywood, and unincorporated LA County areas of Del Aire, Lennox, Marina del Rey, North Ladera Heights, Topanga, View Park, Windsor Hills and Wiseburn



Donald L. Dear

Division V

Gardena, Hawthorne, Lawndale, and unincorporated LA County area of El Camino Village

World-Class Recycled Water

Recycled water is the cornerstone of West Basin's efforts to increase local water reliability. The District produces and delivers five types of customer-specific recycled water for the following purposes:



Microfiltration at ECLWRF

- Groundwater replenishment/ seawater intrusion barrier
- Irrigation
- Industrial cooling towers
- High-pressure boiler feeds
- Low-pressure boiler feeds

Since 1995, West Basin has **invested** more than **\$700 million** in its recycled water system and has **produced** nearly **250 billion gallons of recycled water**.

West Basin produces up to 40 million gallons of recycled water per day.

Water Education Programs

Educating and engaging the West Basin community about local, regional and global water issues is an important part of the District's mission of continued water reliability. The District provides the following free outreach and education programs for residents in its service area.



Water Education Classes



Public Facility Tours



Water Harvest Festival



Water Is Life Student Art Contest



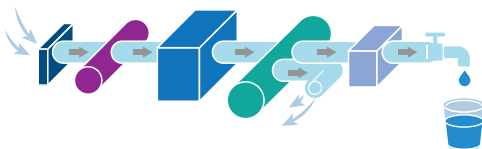
Solar Cup Competition



School Field Trips

Ocean Water Desalination

West Basin has explored ocean water desalination since 2002. A potential facility could deliver 20 million gallons per day of drought-resilient, locally-controlled, high-quality drinking water to the service area.



Schematic of ocean water desalination. Process includes intake, media filtration, membrane filtration, reverse osmosis, post-treatment, and brine disposal.

Water Efficiency and Conservation Programs

Water efficiency and conservation play a critical role in reducing dependence on imported water and protecting the region's water supply. Program offerings include:



- Saved 7 billion gallons of drinking water since 1991
- Received more than \$8 million in water-efficiency grants



Rebate programs



Free public workshops



Water-efficient devices



Education programs