The West Basin recycled water program helps ensure water supply reliability throughout the region by producing a locally-controlled, sustainable source of water.

**Introduction**

In response to severe drought in the 1980s and early 1990s, West Basin began developing a local, sustainable water supply. This new source of water would increase regional water reliability by utilizing an environmentally friendly alternative to imported water.

Today, West Basin receives treated wastewater via the District’s pump station at the Hyperion Water Reclamation Plant in Playa Del Rey. The District then treats the source water for reuse, producing up to 40 million gallons of recycled water daily for a diverse set of customers and purposes.

**Where is Recycled Water Used?**

The following end users are the primary recipients of the total supply of recycled water.

- **Refineries**: 50%
- **Seawater Barrier**: 37%
- **Irrigation & Other**: 13%

**Future Growth of Recycled Water System**

A 20-Year Recycled Water Master Plan will help the District plan for the next chapter of its successful recycled water program. New customers, project sites, and partnerships will be evaluated to ensure that West Basin continues meeting regional water demand with a sustainable, cost-effective water supply.

**Benefits of Recycled Water**

- Local, reliable, drought-proof source
- Supports important industries and economies
- Uses significantly less energy than imported water
- Improves ocean water quality by reducing local sewer water discharges
- Less costly than imported water and most other water sources
- Conserves drinking water for other uses

**West Basin Recycled Water History**

- **1987**: Second driest period in California’s recorded climate history
- **1992**: Construction begins at Edward C. Little Water Recycling Facility
- **1995**: Production and delivery of recycled water begins
- **2010**: Recycled water production exceeds 100 billion gallons
- **2020**: Recycled water production exceeds 225 billion gallons

**Water Supply Portfolio**

Recycled water provides nearly 14% of the District’s portfolio, with additional infrastructure being added each year. Data is based on 2020 Urban Water Management Plan.
Five Types of Recycled Water
The District produces and delivers five types of customer-specific recycled water.

Irrigation Water
Tertiary treated water filtered and disinfected for industrial and irrigation use.

Cooling Tower Water
Ammonia removed for industrial cooling tower use.

Low-Pressure Boiler Feed Water
Membrane filtration and reverse osmosis treatment.

High-Pressure Boiler Feed Water
Membrane filtration and two passes through reverse osmosis membranes.

Groundwater Replenishment Water
Membrane filtration, reverse osmosis membrane treatment and disinfection for groundwater replenishment and as a barrier against seawater intrusion.

Recycled Water Customers
The District maintains over 100 miles of recycled water pipeline, with more than 450 connections, including:

SoFi Stadium
SoFi Stadium and the surrounding development receives approximately 26 million gallons of recycled water annually.

Recycled water is also used at many local schools, parks, and golf courses!

Investments in Recycled Water
More than $700 million has been invested in West Basin’s recycled water program by the following partners: