ABOUT WRD

Established in 1959, the Water Replenishment District (WRD) is charged with:

- Replenishing the Central and West Coast Groundwater Basins
- Protection and cleanup of the groundwater basins against natural and man-made contaminants
- Regular and comprehensive monitoring of the quality and quantity of water in the groundwater basins

WRD manages two of the most utilized urban groundwater basins in the nation. Groundwater from these basins provides 30% of the total water supply for four million people in WRD’s service area, which includes 43 cities within 420 square miles. Through WRD’s Water Independence Now (WIN) Program, the two basins became completely locally sustainable in 2018.

ALBERT ROBLES CENTER

Water Recycling & Environmental Learning

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THE ALBERT ROBLES CENTER

WRD developed a suite of projects through its Water Independence Now (WIN) program to further develop local and sustainable sources of water for use in all groundwater replenishment activities. The cornerstone project for WIN is the Albert Robles Center, a new advanced water treatment facility located in the City of Pico Rivera.

The purpose of the Albert Robles Center is to fully eliminate the current demand for imported water at the Rio Hondo and San Gabriel Coastal Spreading Grounds (also known as spreading basins or percolation basins).

The Albert Robles Center will accomplish water independence by providing an additional 21,000 acre-feet of local recycled water annually. This new advanced water treatment facility will purify approximately 10,000 acre-foot (3.25 billion gallons) of tertiary treated (recycled) water annually to near distilled levels. With advanced treated purified water, WRD will be able to blend it with an additional 11,000 acre-foot (3.6 billion gallons) of recycled water to replenish the groundwater basins.

The Albert Robles Center for Water Recycling and Environmental Learning:

- Provides a locally sustainable and reliable replenishment source for the groundwater basins
- Protects the quality and quantity of groundwater
- Reduces the carbon footprint from imported water by lowering energy demands
- Complies with all related regulatory requirements
- Keeps the cost of groundwater affordable for ratepayers for the long term

The Albert Robles Center is located in the City of Pico Rivera. It’s proximity to the San Gabriel River allows for the direct delivery of purified recycled water to an existing pipeline leading into the spreading grounds. Funding for Albert Robles Center was provided through Proposition 1 Water Bond funds in the amount of $95 million administered by the State Water Resources Control Board, $4.3 million from the Bureau of Reclamation, and $1 million from Rivers and Mountains Conservancy.

The Central & West Coast groundwater basins provide half of the water supply for the 4 million residents of the 43 cities within the WRD service area and are completely locally sustainable.