



Wastewater Treatment

Modern wastewater treatment plants treat domestic wastewater so that it can be safely reused as [Recycled Water](#) or discharged into receiving waters such as the Santa Ana River. Wastewater plants typically use a combination of biological processes and filters to produce high-quality effluent. Other important components include a rigorous [Pretreatment Program](#) that ensures that no harmful chemicals or constituents are discharged into the sanitary sewer system.

Western operates two wastewater treatment plants within its service area: Western Riverside County Regional Wastewater Authority (WRCRWA) and the Western Water Recycling Facility (WWRF).

WRCRWA

The WRCRWA plant, a tertiary facility capable of providing recycled water for reuse or for discharge through an outfall to the Santa Ana River, was brought online in 1998. It has a design capacity for eight million gallons per day (MGD) with the capability for further expansion as the member agency service areas expand.

Wastewater from Western's retail and wholesale customers, the city of Norco, Jurupa Community Services District and Home Gardens Sanitary District, is collected through many miles of pipelines, pumped to the treatment plant, processed and discharged into the Santa Ana River.

WRCRWA is a public agency created to plan, construct and operate a cost-effective regional wastewater reclamation treatment and collection system. The agencies that comprise the authority pledge to achieve this mission in a cooperative and coordinated manner to assure full environmental protection and successive beneficial use of the region's wastewater resources.

WWRF

Western acquired the water and wastewater systems of the former March Air Force Base in 2002, which included an aging wastewater treatment plant. Western expanded the plant in two phases, reaching its current capacity of 3 MGD in 2011. The plant treats wastewater from the former base, the Meridian Business Center, Boulder Springs, Mission Ranch and other unincorporated areas of Riverside County.



WWRF also produces high quality, tertiary-treated recycled water that is used for irrigation by the Riverside National Cemetery, General Archie J. Old Golf Course and more than 50 additional customers.