

Recycled Water

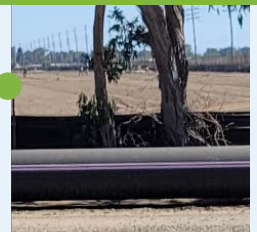


Location:

Camarillo (in the Pleasant Valley basin) and Oxnard (in the Oxnard basin) treat over 24,000 acre-feet per year (AFY) of wastewater and a portion is recycled for beneficial reuse. Camrosa Water District treats over 1,400 AFY of wastewater and nearly all of it is recycled for beneficial reuse. In addition, Camrosa Water District diverts approximately 10,000 AFY at its Conejo Creek Diversion, which is comprised of treated wastewater from the City of Thousand Oaks and surface water. The recycled water is used for landscape and agricultural irrigation uses. The cities of Oxnard and Ventura are also developing indirect potable reuse projects for recycled water within their boundaries.

Project Description:

The project will provide an interconnection pipeline along Laguna Road between the Pumping Trough Pipeline (PTP) and Pleasant Valley County Water District (PVCWD) to enable conveyance of up to 4,000 AFY of recycled water from these agencies to the PTP system.



BENEFITS/YIELD

- Pending expansion/optimization of the existing recycled water facilities, 4,500 to 7,000 acre-feet per year (AFY) of additional recycled water would be available in the next three to five years for agricultural use. This would allow the potential to replace pumped groundwater as the primary source of water supply in key areas of the Oxnard and Pleasant Valley basins.
- Recycled water is considered a drought-resilient supply since wastewater production typically remains stable through wet and dry periods. Optimizing the use of this supply source to reduce pumping near the coast and from the Lower Aquifer System could improve the sustainable yield of the basins beyond the 4,500 to 7,000 AFY estimated yield of the project.
- High-quality recycled water would potentially reduce irrigation water used for flushing salts from the soil, further increasing the yield benefits of recycled water use.





Estimated Cost:

Up to \$4.7 million for construction. Additional operations and maintenance (O&M) costs for the pipeline are considered minimal.



Pleasant Valley County
Water District

Current/Potential Partners:

Oxnard and Camarillo, Camrosa Water District, Pleasant Valley County Water District, agricultural water users currently using or interested in using recycled water

Current/Potential Funding Sources:

- Received construction grant of \$340,000 from the Natural Resources Conservation Service, United States Department of Agriculture.
- Received construction grant of \$2.6 million from the Sustainable Groundwater Management (SGM) Grant program, Department of Water Resources.
- State and Environmental Protection Agency (EPA) funding is available to support efforts by cities to expand recycled water programs.

Ask from United to Regulators, Legislators, Local Agencies, and Stakeholders:

Continued support and guidance from the Los Angeles Regional Water Quality Control Board and the Division of Drinking Water in implementing recycled water projects.

