MEDIUM-TERM OPTIONS REQUIRING FURTHER REVIEW

Reimagining the Calleguas Delivery System: West > East Transmission

Calleguas's system receives delivery of all of its water supply through a 1.3-long tunnel starting in Chatsworth. From there, the system flows mostly by gravity to the west, terminating in Camarillo. By contrast, most of the local supply opportunities are in the western areas of the county, including the Oxnard Plain and in connection with United Water Conservation District, the City of Ventura, and Casitas Municipal Water District. To maximize Calleguas's use of these new opportunities, Calleguas would have to build a new, large-diameter transmission pipeline to convey water from the west to Grandsen Pump Station in Moorpark, where the water can be pumped throughout the Calleguas service area. Such a pipeline would be a significant investment—but would also be critical to fully optimizing regional reliability.

Camrosa Water District Partnership: Expansion of Camrosa Non-Potable Water System

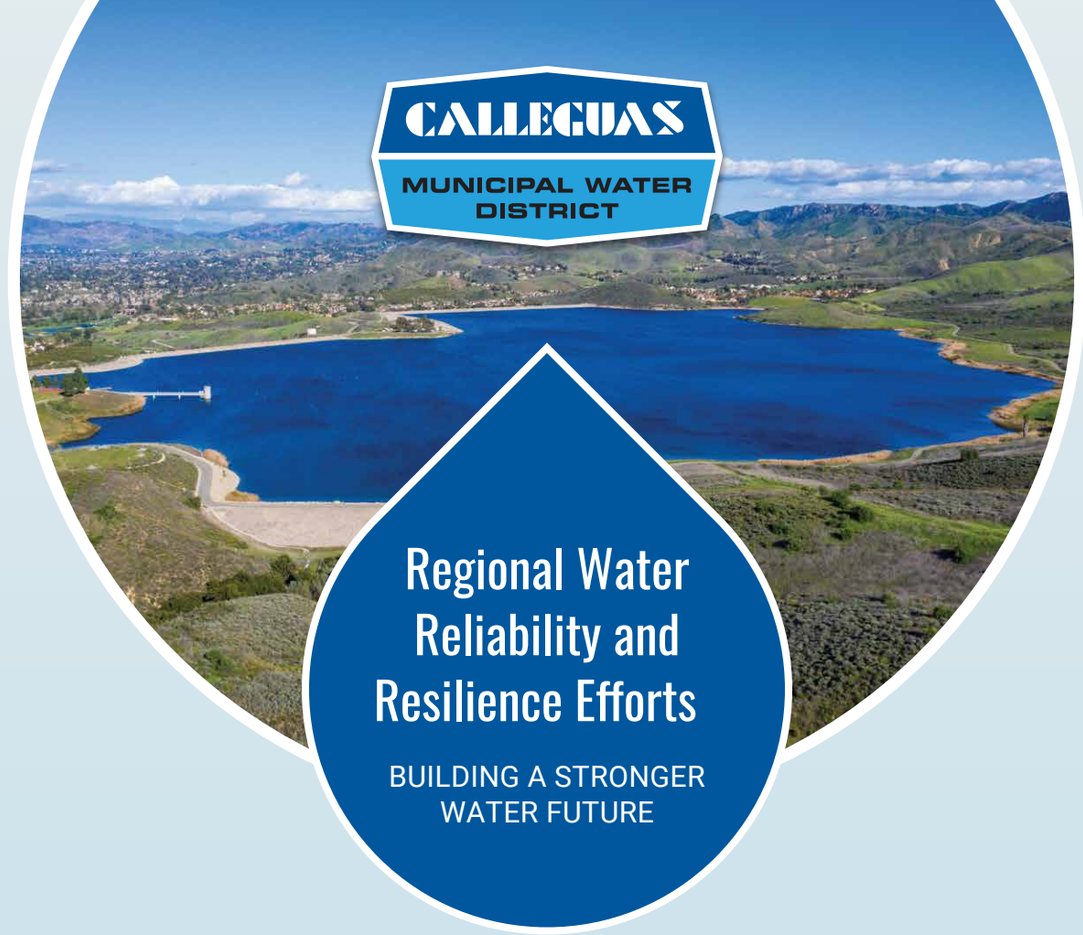
Along with its primary potable distribution system, Camrosa enjoys the flexibility of a second, non-potable distribution system that provides irrigation water for its customers, both agricultural and municipal. Expanding that non-potable system to additional business centers, residences, parks, and farms would allow Camrosa to lessen its dependence on imported water and reduce the use of drinking water for watering lawns and crops. There may be opportunities for Calleguas to partner on this expansion.

Camrosa Water District Partnership: Increase Pleasant Valley Basin Pumping Capacity to Extract Camrosa Water District Credits

Camrosa Water District provides non-potable water from the Conejo Creek to a neighboring agricultural district. These deliveries reduce pumping in an overdrafted part of the Pleasant Valley Basin and create groundwater "credits" that Camrosa can pump in healthier parts of the basin. Camrosa currently accumulates these credits faster than it can extract them. Calleguas is considering partnering with Camrosa to build additional wells to extract them, both as an ongoing supply and for use during droughts and outages.

United Water Conservation District Partnership: Brackish Water Treatment Facility

United Water Conservation District is designing an Extraction Barrier Brackish Water Treatment Project intended to protect the Oxnard and Pleasant Valley Basins from seawater intrusion and increase both recharge and pumping of the groundwater basins further inland. Should that project prove successful, Calleguas may consider investing in a subsequent phase of the project to treat and move potable water into Calleguas's system.



Regional Water Reliability and Resilience Efforts

BUILDING A STRONGER WATER FUTURE

Since the Calleguas Board of Directors adopted the "New Model for Resilience" Strategic Plan in 2023, the District has engaged in a series of collaborative, iterative, and productive conversations with local and regional partners to envision and plan for long-term water reliability and resilience. This process, dubbed the Water Resources Implementation Strategy (WRIST), has focused on building on the history of extensive regional collaboration to enhance existing partnerships and forge new ones.

The goal of WRIST was to develop preferred portfolios of projects with a regional focus and evaluate them according to multiple criteria and priorities. The following projects were selected as those meriting further investigation and potential development in the short- and medium-term.

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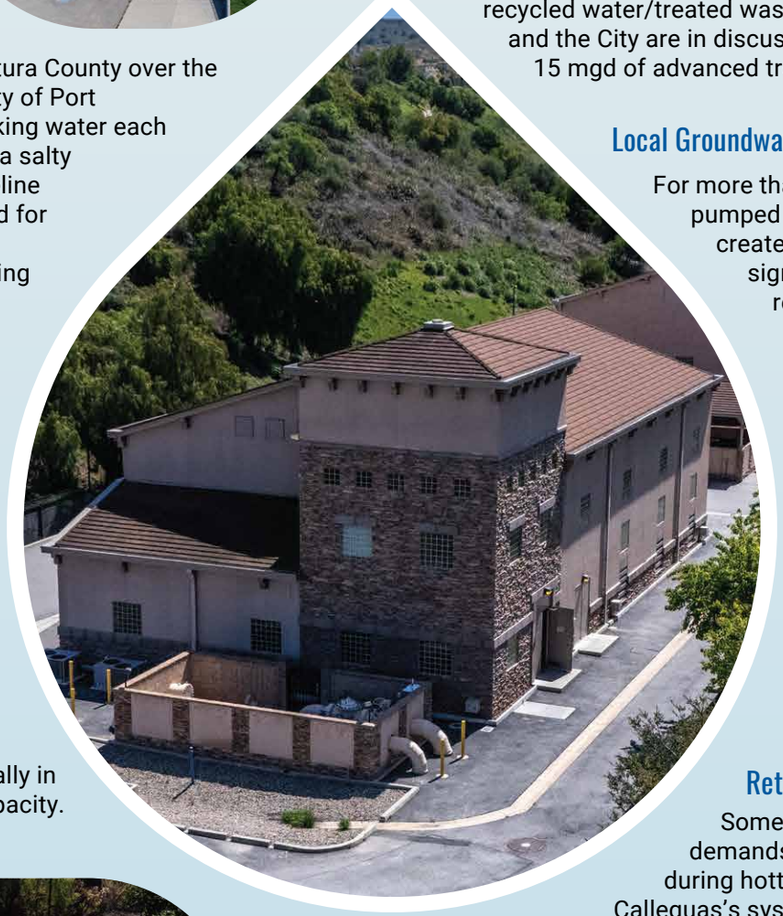
SHORT-TERM OPTIONS PROVIDING EXCEPTIONAL VALUE AND MINIMIZED RISK

Regional Multi-Agency Partnership: Upper Calleguas Creek Watershed Groundwater Desalting Facility

Groundwater desalting facilities have proven highly successful in Ventura County over the past decade. Camrosa Water District, the City of Camarillo, and the City of Port Hueneme all operate facilities that produce millions of gallons of drinking water each day. The process to remove the salts from the groundwater produces a salty byproduct that is discharged to Calleguas's Salinity Management Pipeline (SMP). The SMP is a unique and visionary 22-mile pipeline constructed for this purpose and has sufficient capacity for additional dischargers. In conjunction with seven potential retail partners, Calleguas is undertaking a comprehensive study evaluating the most cost-effective and efficient approach to additional groundwater desalting through expansion of existing groundwater desalting facilities or construction of a new groundwater desalting facility.

Camrosa Water District Partnership: Santa Rosa Valley Desalting/Groundwater Recharge Facility

Camrosa Water District operates a wellfield at Hill Canyon Road in the Santa Rosa Valley. Elevated levels of nitrates and salts in the local groundwater require blending with imported water from Calleguas to meet primary and secondary drinking water standards. A groundwater desalting facility would allow Camrosa to utilize that groundwater without blending, potentially reducing peak demands on Calleguas in the summer months. If the groundwater basin could be recharged with recycled or non-potable water available to Camrosa, groundwater production could be increased further. Camrosa, potentially in partnership with Calleguas, is exploring investing in that increased capacity.



City of Oxnard Partnership: Maximizing Recycled Water Capture and Re-Use

In 2012, the City of Oxnard completed its advanced water purification facility (AWPF), intended to maximize the use of recycled water through advanced treatment and groundwater injection and extraction. Only a portion of the envisioned plant was built at that time. The AWPF currently produces approximately 6.25 million gallons of water per day (mgd), while two-thirds of the city's recycled water/treated wastewater effluent continues to be discharged to the ocean. Calleguas and the City are in discussions about collaborating to further develop the plant to produce 15 mgd of advanced treated recycled water to increase local groundwater supplies.

Local Groundwater Banking Opportunity: Oxnard Plain

For more than a century, the groundwater basins in the Oxnard Plain have been pumped at rates exceeding their natural recharge. While this "overdraft" has created groundwater quality and supply issues, it has also created significant underground storage capacity. This program would require the creation of a commonsense groundwater banking framework by the Fox Canyon Groundwater Management Agency (the groundwater management agency overseeing these groundwater basins) to provide for groundwater storage, transfer, and exchanges across jurisdictional boundaries between water suppliers.

Regional Groundwater Banking Opportunity: Outside Ventura County

Calleguas is evaluating participating in a regional groundwater bank (e.g., Antelope Valley – East Kern, Semitropic, Mojave) by purchasing low-cost State Water Project water on the market when available, banking it, and recovering the water when needed.

Retail Purveyor Partnerships: Seasonal Water Exchanges

Some Calleguas purveyors have access to local supplies that exceed their demands in winter, but those local supplies are insufficient to meet demands during hotter and drier periods. Because of the size and demand profile of Calleguas's system, it may be possible for Calleguas to take delivery of the "excess" water in the winter and "return" it at other times of the year when the retailer's demands are higher.