

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Category:	Improvements	Policy # 2011-07
Title:	Authorized and Mandated Use of Recycled Water	

PURPOSE

This policy is to authorize the use of recycled water in future developments and existing uses

FINDINGS

1. The District has historically provided for the reuse of tertiary treated effluent on the two golf courses. They have a combined irrigation of approximately 250 acres and have a peak demand of about 1.4 million gallons a day (MGD) during the summer months. The tertiary treatment plant typically operates from late April through October.
2. The disposal method for additional effluent from the District is land application according to the District's Waste Discharge Requirements (WDRs). Currently, the excess recycled water above the demand from the golf course irrigation is discharged outside the District's service area using a sprinkler application system at the Van Vleck ranch.
3. In the future, additional storage will be required for each of the service area's buildout scenarios. Supplementary water is needed to satisfy overall golf course irrigation needs under current conditions as recycled water production is less than the amount required annually. In the future, reclaimed water production may surpass golf course irrigation needs and an additional means of effluent disposal will be needed.
4. The projected influence from reduced indoor potable water demand assuming SB7 (2020) compliance is achieved is an estimated eight percent (8%) reduction. This indoor potable demand is projected to also reduce recycled water storage and disposal needs by 8 percent. Future recycled water available for reuse may be on the order of 1,000 acre-ft/yr (medium growth scenario) assuming 2020 compliance is achieved.
5. Condition No. 26 of Water Rights Permit 16762, District's primary water right, requires the use of recycled water for irrigation purposes.

6. The priority of recycled water availability shall be in accordance with the Agreement for Availability and use of Reclaimed Wastewater dated May 16, 1988,

POLICY

1. The District mandates the future use of recycled water, wherever economically and physically feasible, as determined by the Board, for non-domestic purposes when such water is of adequate quality and quantity, available at a reasonable cost, not detrimental to public health, and not injurious to plant life, fish, and wildlife. The type of use is defined in Title 22 of the California Code of Regulations. In general, the lands subject to mandatory recycled water use are defined as undeveloped parcels within the existing District service area.
2. Existing parks, median landscaping and commercial landscape areas may be converted to recycled water irrigation wherever economically and physically feasible, as determined by the Board.

Adopted by Rancho Murieta Community Services District's Board of Directors	July 20, 2011
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