



SAN RAMON VALLEY RECYCLED WATER PROGRAM FACT SHEET

BENEFITS of RECYCLED WATER

- Stretches our limited drinking water supply, especially in years of scarce rain and snowfall
- Drought resistant
- Helps sustain our economy with a reliable water supply
- Protects San Francisco Bay
- Safeguards community and private investments in parks and landscaping
- Contributes to a green and healthy environment, which benefits our quality of life

REGULATIONS & PUBLIC HEALTH PROTECTIONS

- ***Recycled water is safe.*** Although recycled water is more highly disinfected than drinking water, it is not intended as drinking water or to be used to prepare food.
- There has ***never*** been a reported public health problem in California with the use of recycled water that meets established standards since recycled water began irrigating parks in 1929.
- The California Department of Health Services developed and periodically updates regulations (Title 22) governing the level of treatment and use of recycled water in California. These recycled water regulations are considered the most ***protective*** and ***stringent*** in the world.
- Many health and safety protections ensure public and environmental safety, specifically the highest treatment for the highest use (potential for public contact).

PROJECT DESCRIPTION

- Multi-phased, joint project between the Dublin San Ramon Services District (DSRSD) and the East Bay Municipal Utility District (EBMUD), which will serve portions of the Blackhawk, Danville, Dublin, and San Ramon areas (see separate PDF of SRVRWP map).
- DERWA (**DSRSD • EBMUD R**ecycled **W**ater **A**uthority) is a Joint Powers Authority wholesaler formed in 1995 between DSRSD and EBMUD to supply recycled water to DSRSD and EBMUD to serve their respective service areas.
- Most likely to supply 5.7 million gallons per day (mgd)
 - DSRSD customers: up to 3.3 mgd
 - EBMUD customers: up to 2.4 mgd
- Major facilities include: 7 pump stations, 5 storage tanks, approximately 75 miles of transmission and distribution pipelines.

RECYCLED WATER USE

- Landscape irrigation: Large users include golf courses, parks, common planted areas within homeowner associations, roadway medians and greenbelts, schools, office complexes.

SOURCE OF WATER & DESCRIPTION OF TREATMENT

- New recycled water treatment facilities, including filtration, ultraviolet light and additional chemical disinfection, were constructed at DSRSD's Wastewater Treatment Plant in Pleasanton.
- Secondary effluent is treated to an advanced level (tertiary) to meet the unrestricted use requirements in the California Department of Health Services' Title 22 standards.

PROJECT SCHEDULE: *Current & Future Steps*

- Phase 1 design & construction (complete) 2002 - 2006
- 1st recycled water deliveries (Phase 1) February 2006
- Phase 2 design (complete) 2004 - 2007
- Phase 2 construction 2008 - 2009

DSRSD

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EBMUD

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