

SAN RAMON VALLEY RECYCLED WATER PROGRAM

FACT SHEET

CONSTRUCTION NEXT STEP

Phase 2 of the SRVRWP began construction in June 2008 and includes a new underground pump station and 6,500 feet of pipeline in San Ramon. Once completed, these facilities will increase overall system reliability and flexibility and expand EBMUD's service area to include Bishop Ranch Business Park and the Chevron Corporation's world headquarters.

The pump station is located adjacent to the Iron Horse Trail close to the intersection of Bollinger Canyon Road. The pipeline extends west along Bollinger Canyon Road from east of N. Chanterella Drive to the Iron Horse Trail. Construction of the pump station and pipeline is expected to be completed in 2009.

FOR MORE INFORMATION



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About the Program

The San Ramon Valley Recycled Water Program (SRVRWP) is jointly sponsored by the Dublin San Ramon Services District (DSRSD) and the East Bay Municipal Utility District (EBMUD). The SRVRWP began supplying recycled water in early 2006 when construction of the Program's first phase was completed. DSRSD supplies recycled water to portions of Dublin and the Dougherty Valley. EBMUD serves recycled water to portions of San Ramon. In future phases, EBMUD also will serve recycled water to areas within Blackhawk and Danville.



This recycled water project serves large irrigation customers including golf courses, parks, greenbelts, roadway medians, schools, office complexes, and landscaping in common planted areas within homeowner associations, from pipelines connected to the main SRVRWP transmission pipeline. The SRVRWP's recycled water is not intended to serve individual single-family homes.

The SRVRWP is designed to provide:

- up to 3,696 acre feet* per year of recycled water to DSRSD
- up to 2,688 acre feet* per year of recycled water to EBMUD

Benefits & Uses of Recycled Water

Recycled water benefits communities. Just as we do with paper, plastic, glass and cans, water can be reused instead of being thrown away. Recycled water can be safely used for many non-drinking purposes including landscape irrigation, habitat restoration, and various commercial and industrial operations.

The benefits of using recycled water include:

- Providing a drought-resistant water supply.
- Conserving drinking water throughout the San Ramon Valley that would otherwise be used for landscape irrigation.
- Reducing the cost and amount of treated wastewater that is discharged into the San Francisco Bay.
- Protecting public and private investments in parks and landscaping.
- Sustaining and strengthening our regional economy with a reliable water supply.

**An acre-foot of water is equivalent to the amount of water it takes to cover a football field to a depth of one foot.*



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FACT SHEET, CONTINUED

Source of Water & Description of Treatment

The SRVRWP uses recycled water produced at the Water Recycling Plant located adjacent to the DSRSD Regional Wastewater Treatment Facility. The tertiary treatment plant provides advanced treatment to wastewater effluent to meet the rigorous and protective standards set by the California Department of Public Health for unrestricted use of recycled water. Tertiary treatment processes include filtration and extra disinfection, which for the SRVRWP include sand filtration to remove particulate matter and intense ultraviolet disinfection to destroy or inactivate bacteria, viruses, and other pathogens such as cryptosporidium.



Dublin Sports Grounds

Use of Purple in Recycled Water Systems

Guidelines set by the California Department of Health Services mandate that recycled water facilities be clearly distinguishable from the drinking water system. To help accomplish this, devices used in the recycled water system including pipes, sprinkler heads, and valve box covers, are purple colored or tagged and labeled with the words "Recycled Water - Do Not Drink."

Clear and prominent signage also is required throughout irrigation areas to ensure the public can easily determine where recycled water is used to irrigate turf and other landscaping.



Example of DSRSD sign



Example of EBMUD sign

Phase I Customers

The SRVRWP currently serves recycled water to more than 270 locations in Dublin and San Ramon. Customers include the cities of Dublin and San Ramon, the Dublin Unified School District, the San Ramon Valley Unified School District, Dublin Ranch Golf Club and the Bridges Golf Club at Gale Ranch.



Bridges Golf Club at Gale Ranch

SRVRWP PIPELINES AND FACILITY LOCATIONS

