



EAST BAYSHORE RECYCLED WATER PROJECT FACT SHEET

BENEFITS of RECYCLED WATER

- Stretches our limited drinking water supply, especially in years of scarce rain and snowfall
- Drought proof
- 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 it 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

- This multi-phased project can supply up to 2.5 million gallons per day (mgd) of recycled water to portions of Alameda, Albany, Berkeley, Emeryville, and Oakland (see separate PDF of EBRWP map). Initial construction (Phase 1A) began in 2003 and will provide an average of 700,000 gallons per day of recycled water.
- Most of a 4.4-mile long recycled water transmission pipeline along the Eastshore Freeway is in place, along with more than 2 miles of transmission pipeline in Oakland, and up to 24 miles of distribution pipelines are being constructed as part of this project.

EBRWP PROPOSED RECYCLED WATER USES

- Irrigation: Parks, common planted areas within homeowner associations, greenbelts, roadway medians, schools, and golf course
- Industrial/Commercial: Cooling towers, industrial processes; toilet flushing in high-rise office buildings
- Possible wetlands restoration

SOURCE OF WATER & DESCRIPTION OF TREATMENT

- New recycled water treatment facilities, including microfiltration and extra disinfection, as well as a 1.5 million gallon storage tank and pumping equipment, have been constructed at EBMUD's Wastewater Treatment Plant in Oakland for this project.
- 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

- Construction (Phase 1A) 2003 - 2009
- 1st recycled water deliveries (Phase 1A) Spring 2008

Questions? Please call Lori Steere at (510) 287-1631.

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**RECYCLED
WATER
PROGRAM**