



EAST BAYSHORE RECYCLED WATER PROJECT

PROJECT PURPOSE

EBMUD's East Bayshore Recycled Water Project currently supplies recycled water for landscape irrigation and one cooling tower site in areas of Oakland and Emeryville where recycled water pipelines have been installed. EBMUD plans to expand the distribution system into Alameda, Albany and Berkeley. In addition to irrigating landscapes, recycled water uses may include restoring wetlands, flushing toilets in dual-plumbed buildings, and commercial and industrial processes.

RECYCLED WATER BENEFITS

- Stretches our limited drinking water supply, especially in droughts
- Safeguards community and private investments in parks and landscaping
- Makes drinking water supplies more reliable, helping to sustain our economy
- Protects San Francisco Bay

PROJECT STATUS

Recycled water treatment facilities were constructed at EBMUD's wastewater treatment plant, located at the foot of the Bay Bridge. Using microfiltration and extra disinfection, EBMUD produces recycled water that meets or surpasses California Department of Public Health standards for unrestricted use. EBMUD stores the recycled water in a 1.5 million gallon storage tank on the site. A recycled water transmission pipeline along more than 4 miles of the Eastshore Freeway still needs to be completed, and 2 miles of transmission pipeline have been installed in Oakland.

The East Bayshore Recycled Water Project began deliveries to customers in 2008 and currently serves customers at 23 locations. In Fiscal Year 2014 the project delivered recycled water to offset the need for a total of almost 56 million gallons of EBMUD drinking water. EBMUD itself used another 2.4 million gallons a day at the wastewater treatment plant for various industrial processes and for landscape irrigation.

When complete, up to 24 miles of distribution pipelines will be in place and up to 2.5 million gallons per day of recycled water will be available to East Bayshore Recycled Water Project customers. (See map on page 2.)

NEXT STEPS

- Retrofit customer sites in areas of Emeryville, Berkeley, Albany, and Alameda
- Complete construction of transmission pipeline from Emeryville to Albany
- Design and construct pipeline to reach customer sites in western and northern Emeryville, Albany, Berkeley, and western Alameda, including pipeline under the Oakland Estuary

CONTACT US

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East Bayshore Recycled Water Project

- Construction 2015
- Planned Recycled Pipeline (under evaluation)
- Existing Recycled Pipeline



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0 1,450 2,900 5,800 Feet

