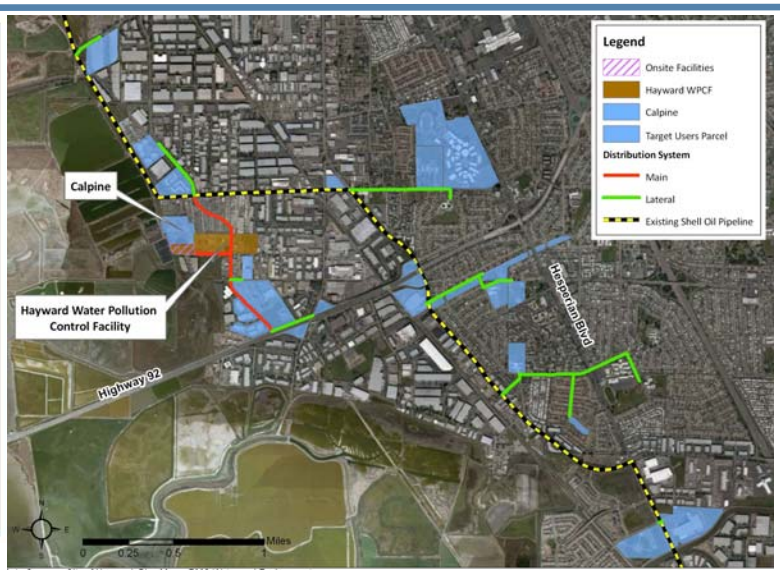
City of Hayward Recycled Water Project



Project area shown in map above and in detail map at right.

Benefits:

- Reduced use of potable Hetch Hetchy water supply
- Improved water supply reliability
- Reduced wastewater pollutants discharge to the SF Bay
- Increased water use efficiency

Facilities:

- 4.65 mgd tertiary treatment facility
- 4.5 miles of distribution pipe
- 1.1 million gallon storage tank
- Distribution pump stations

Yield:

- 3,760 acre-feet per year (AFY)

Estimated Costs and Funding:

- $17 million for treatment and storage—potential cost share with Calpine
- $10 million for distribution—state and federal grants and loans

Contact us

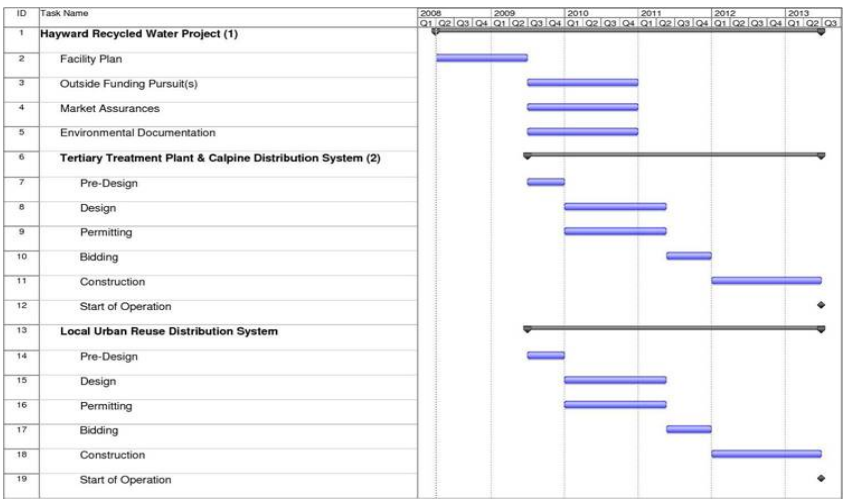
If you have questions about the City of Hayward Recycled Water Project, contact Alex Ameri at 510.583.4720 or alex.ameri@hayward-ca.us

Project Information

The City of Hayward Recycled Water Project would distribute 4.5 mgd of high-quality, tertiary treated recycled water to customers for irrigation and industrial uses, primarily cooling. The anchor customer, Calpine, has received approval to construct a 650 megawatt combined cycle, natural gas fueled power generation facility adjacent to the City's wastewater treatment plant and is obligated to use recycled water in the cooling system. Calpine's peak usage is expected to average about 4 mgd. In addition, about 500,000 gpd, during peak periods, would be conveyed to other businesses and public entities within a two-mile radius of the treatment facility.

The use of recycled water would offset potable water demand and create a sustainable, drought-proof supply.

Project Schedule



A San Francisco Bay Area Recycled Water Coalition Project

777 B Street, Hayward, CA 94541-5007 www.hayward-ca.gov