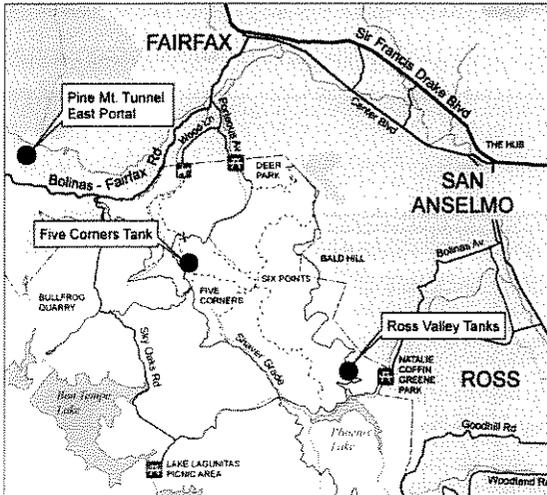


WATER STORAGE IMPROVEMENT PROJECT

FACT SHEET

Summer 2013



NEW WATER TANKS WILL ENSURE WATER RELIABILITY

The MMWD Water Storage Improvement Project (WSIP) will provide eight-million gallons of potable water storage to:

- Improve MMWD's ability to meet operational, fire flow and emergency storage needs
- Improve seismic reliability of storage facilities
- Replace inadequate, outmoded and sub-standard storage facilities
- Ensure the ongoing delivery of safe and reliable drinking water

PROJECT DESCRIPTION

The project will replace two existing potable water storage facilities located on the Mt. Tamalpais Watershed: the Pine Mountain Tunnel, built in 1918, and the Ross Reservoir, built in 1929. During the summer approximately 15 million gallons of water flow through these facilities via a transmission line. The current facilities do not provide adequate storage capacity and they create potential water quality challenges due to their age and structural deterioration.

BACKGROUND

MMWD has been evaluating replacement water storage options for several years. The district determined that the amount of storage needed along the transmission line system that conveys water from the treatment plants to the Ross Valley and San Rafael is inadequate. In fact, the district found that the actual operational and emergency water storage needs of the transmission line system were more than double the capacity currently available in Pine Mountain Tunnel and Ross Reservoir combined.

Both facilities have provided water to MMWD customers for almost 100 years, but they have reached the end of their usefulness. Much has changed since both facilities were built: water use has increased, water system construction standards are higher and water quality standards are more stringent. In addition, industry standards for the amount of water required for operational and emergency storage have increased. The additional storage provided by the project is necessary to meet current storage needs and will not provide additional water supply for future growth.

The WSIP Project Includes:

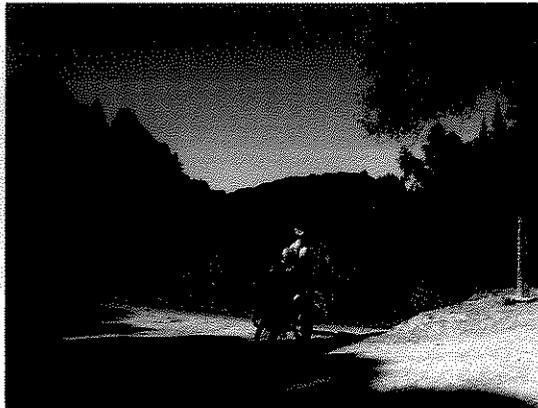
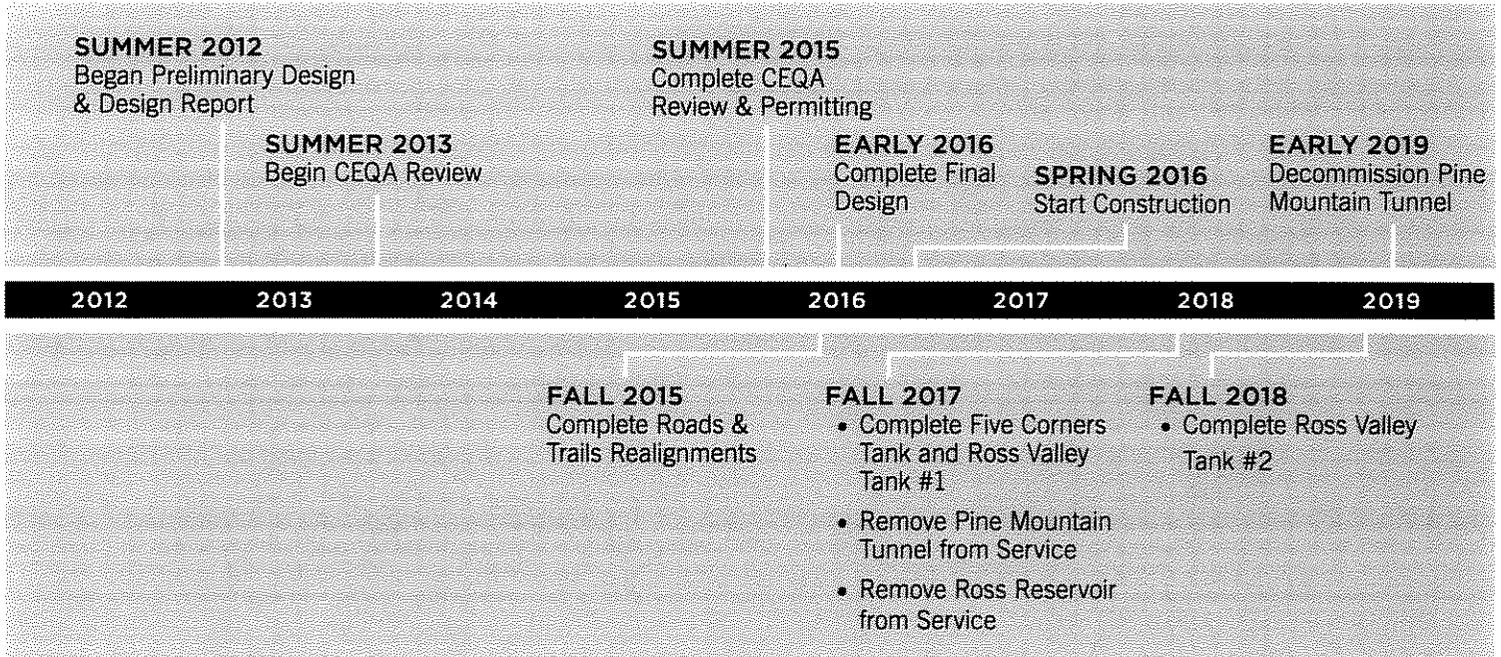
- Developing eight-million gallons of potable water capacity through:
 - Construction of two concrete water tanks (Ross Valley Tanks #1 and #2) to provide four million gallons of storage capacity above Phoenix Lake at the existing Ross Reservoir site
 - Construction of one four-million-gallon concrete tank (Five Corners Tank) in the District's watershed near Five Corners
- Removal of Ross Reservoir
- Decommissioning the Pine Mountain Tunnel

AGENDA ITEM # 8

Next Steps

MMWD will begin the environmental review process for the project in summer 2013. Community members will have multiple opportunities to learn about and discuss the project throughout the process.

Note: dates below are subject to change.



KEEPING IT GREEN

MMWD is committed to sustainability and protecting the Watershed. The project strives to improve sustainability by incorporating energy-efficient technology, including a water-powered energy recovery turbine at the Ross Valley Tanks site. MMWD will continue to maintain public access to watershed lands. In addition, the project will look at several habitat improvement elements, including the possibility of reusing the Pine Mountain Tunnel facility as a bat habitat.

How To Stay Involved

For more information about the project please visit marinwater.org and click on Capital Improvement – Water Storage Improvement Project link on the home page. For additional questions, please contact Carl Gowan, P.E., WSIP Project Manager, at (415) 945-1577, or cgowan@marinwater.org.