



Tapo Canyon Water Treatment Plant

Fact Sheet

The City of Simi Valley, **Ventura County Waterworks District No. 8** (District) is constructing the Tapo Canyon Water Treatment Plant (TCWTP) that will produce up to 1-million gallons per day (MGD) of potable water for **Simi Valley** residents. The local groundwater supply would be pumped from existing wells and treated to a very high quality and supplement the District's potable water supply. Currently, the District relies entirely upon imported water for all potable uses, and this supplement would reduce the current demand for State Water Project supply imported to Simi Valley. Furthermore, the project will:

- Improve the District's water supply reliability by reducing reliance on imported water purchased from the Calleguas Municipal Water District (Calleguas)
- Improve the District's water distribution system reliability by adding a one million gallon (MG) potable water storage tank to the system
- Provide another economical potable water supply source for the District's customers

PROJECT FEATURES

The TCWTP, at a cost of approximately \$5,200,000 to construct, includes:

- A 1.0 MGD water treatment facility, featuring state-of-the-art filtration capable of reducing groundwater hardness and producing pristine potable water
- A 1.0 MG potable water storage tank
- A 0.2 MG waste storage tank
- Existing production wells in the Gillibrand (Tapo Canyon) Groundwater Basin

The TCWTP will operate in a conjunctive manner with production being maximized up to 1 MGD during summer months when water demand is highest. On average, production will be 0.4 MGD annually, or 450 acre-feet per year (AFY). The TCWTP will produce enough potable water to serve approximately 500 homes.

With the Proposition 50 grant providing \$1.5 million, and also through support from Calleguas' and Metropolitan Water District's Local Resource Program, the cost of the water produced and delivered by the TCWTP is less than \$700 per acre-foot (AF) compared to the cost to purchase and deliver imported water from Calleguas to the same elevation at about \$950 per AF. By keeping water rates as low as possible through developing local resources, Simi Valley customers served by the District receive direct benefit from Proposition 50.

The project funding from Proposition 50 provides the District customers in Simi Valley with lower cost water, from a local resource, filtered to a high quality, and stored and delivered through local infrastructure. An economical project that also increases reliability, and reduces dependence on imported water, will be added to the Simi Valley community.

Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board.