

City of Camarillo

North Pleasant Valley Desalter Fact Sheet

Project Description

Salty groundwater will be pumped from two wells at the northern part of Camarillo. A salt plume will be removed from the water by a reverse osmosis treatment plant that processes 4,500 acre-feet per year of groundwater by producing about 3,800 acre-feet per year of drinking water.

Treated water will be delivered to City water customers. Salty brine from the treatment process will be discharged to an ocean outfall through Calleguas' Salinity Management Pipeline (SMP).

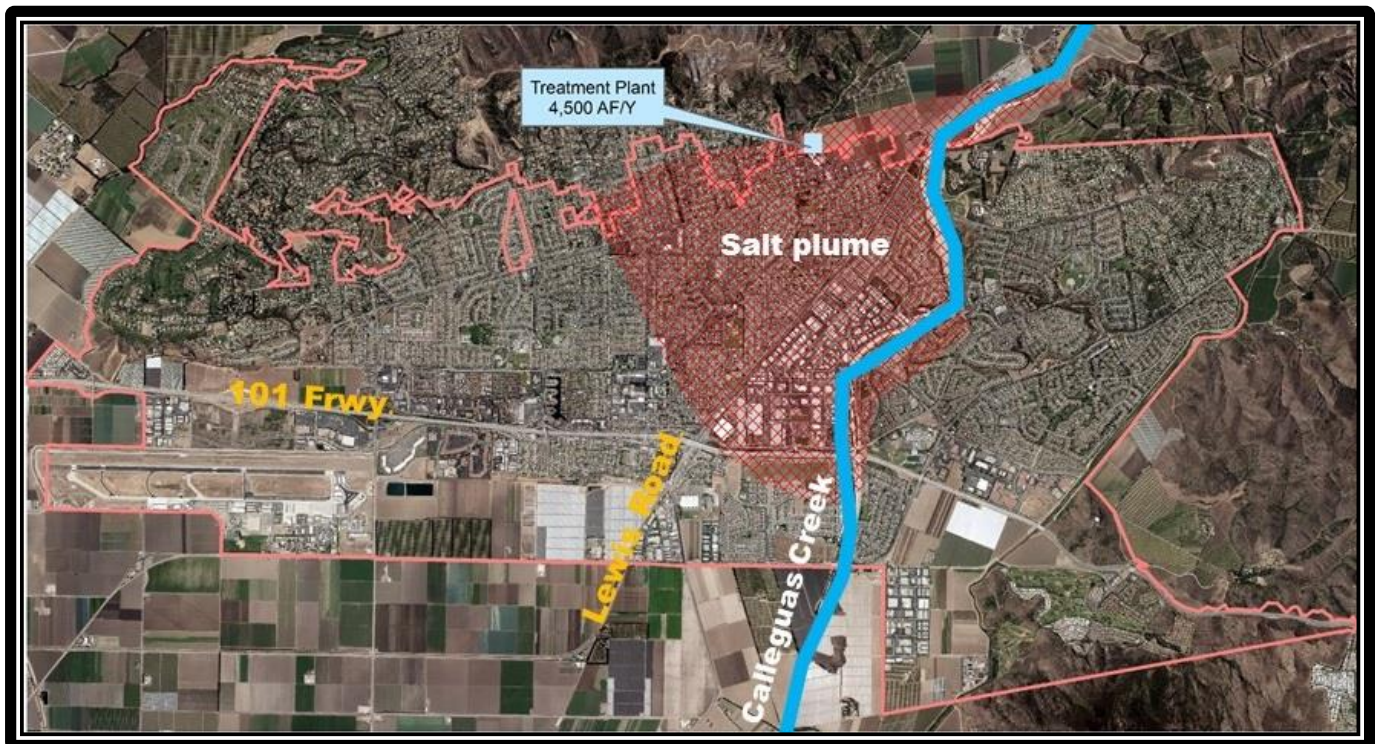
Estimated Costs

The total project cost is budgeted to be \$30 million. The City will be receiving a \$5 million state grant. The annual operating costs are estimated at \$1.5 million.

Project Benefits

The following are key benefits.

- Achieve compliance with EPA water quality objectives for the Calleguas Creek watershed illustrated, on the reverse side of this fact sheet. This will benefit municipal and agricultural interests in the eastern half of Ventura County.
- Protect water quality that is being impaired by high salinity surface water percolating into the Pleasant Valley Groundwater Basin.
- Produce a new source of drinking water. The project will create a reliable local source of water that will replace state imported water.



Location of project and salt plume to be removed for regional water quality benefits.

Desalter Project Schedule

- Design: **2017 – 2018**
- Construction: **2018 – 2019**
- Begin Operation: **Late 2019**
- Project Life: **25 Years**

Contact

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Typical reverse osmosis assembly.

