

FACT SHEET



OWNER & OPERATOR: Santa Clara Valley Water District

PURPOSE: The purification center has dual purposes:

1. Expand the use of recycled water – Water produced at the purification center is blended with the existing non-potable recycled water supply produced at the San José-Santa Clara Regional Wastewater Facility to enhance its quality and expand its usage via the South Bay Water Recycling system.
2. Serve as a demonstration plant – Demonstrate the successful operation of the state-of-the-art technology to produce highly purified water from treated wastewater, and to promote public confidence in this new water source and its potential to help expand Silicon Valley's future drinking water supplies.

PLANT LOCATION: 4190 Zanker Road, San Jose, CA

TREATMENT TECHNOLOGY: Hi-tech processes: Microfiltration, reverse osmosis and ultraviolet light to purify treated wastewater

PLANT CAPACITY: 8 million gallons a day

BENEFITS:

- Enhances recycled water quality for industrial and irrigation customers
- Creates a locally controlled, high quality water supply
- Increases water reliability by providing purified water in all times, even during droughts
- Helps reduce dependency on water from the Sacramento-San Joaquin Delta
- Reduces demands on the region's groundwater supplies
- Protects the environment by reusing a precious resource
- Reduces wastewater discharge to the San Francisco Bay and preserves the natural tidal habitat

FOOTPRINT: 200,000 square feet, about 4.6 acres

CONSTRUCTION COST: \$72 million

FUNDING:

- Santa Clara Valley Water District: \$47.5 million
- City of San José: \$11 million and long-term land lease
- Federal American Recovery and Reinvestment Act: \$8.25 million
- California Department of Water Resources: \$5.25 million

POWER SOURCE: Power and Water Resources Pooling Authority

Purifying Water for a Sustainable Tomorrow

www.purewater4u.org

