

# How water gets to you...



inside: **Where does our water come from?**

	Local water			Imported water			Other
	Natural groundwater	From reservoirs to replenish groundwater	From reservoirs to drinking water treatment plants	Thru Delta to replenish groundwater	Thru Delta to drinking water treatment plants	From Hetch Hetchy	Recycled
Alviso						•	•
Campbell	•	•	•	•	•		
Cupertino	•	•	•	•	•		
Gilroy	•	•		•			•
Los Altos	•	•	•	•	•		
Los Altos Hills	•	•	•	•	•	•	
Los Gatos	•	•	•	•	•		
Milpitas			•	•	•	•	
Monte Sereno	•	•	•	•	•		
Morgan Hill	•	•		•			
Mountain View	•	•	•	•	•	•	•
Palo Alto						•	•
San Jose	•	•	•	•	•	•	•
San Martin	•	•		•			
Santa Clara	•	•	•	•	•	•	•
Saratoga	•	•	•	•	•		
Sunnyvale	•	•	•	•	•	•	•

## About the Santa Clara Valley Water District

The Santa Clara Valley Water District manages an integrated water resources system that includes the supply of clean, safe water, flood protection and stewardship of streams on behalf of Santa Clara County's 1.8 million residents. The district effectively manages 10 dams and surface water reservoirs, three water treatment plants, a state-of-the-art water quality laboratory, nearly 400 acres of groundwater recharge ponds and more than 275 miles of streams. We provide wholesale water and groundwater management services to local municipalities and private water retailers who deliver drinking water directly to homes and businesses throughout Santa Clara County.



### On the cover:

1. Alamos Groundwater Recharge Pond, San Jose
2. California Aqueduct
3. Recycled Water "purple pipe"
4. Save water for a better world



## Local water

Groundwater and local surface water is the county's original source of water supply. Local rainfall and runoff flows into reservoirs for storage and blending with imported water. The water is released into creeks and ponds to augment natural percolation and maintain groundwater levels. Some of the local surface water is processed at drinking water treatment plants. The treated water is sold to local water retailers such as San Jose Water Company who use their own distribution systems to serve customers. Water pumped from the groundwater aquifer through wells is used by private well owners, farmers, and water retailers.

## Imported water

Half of Santa Clara County's water supply comes from hundreds of miles away—first as snow or rain in the Sierra Nevada range of northern and eastern California, then as water in rivers that flow into Sacramento-San Joaquin River Delta or directly to water conveyance systems. Often called "imported water," it is brought into the county through the complex infrastructure of the State Water Project, the federal Central Valley Project and San Francisco's Hetch Hetchy system.

## Recycled water

A small, but important and growing source of water is recycled water. Used primarily for irrigation, industry and agriculture, recycled water is wastewater that has been purified to meet strict standards set by the California Department of Health Services. Using recycled water helps conserve drinking water supplies, provides a dependable, drought-proof, locally-controlled water supply, reduces dependency on imported water and groundwater and helps preserve our saltwater and tidal habitat by reducing freshwater discharge to the bay.

THE GRASS ISN'T AS THIRSTY AS YOU THINK.

For a better world, water your lawn just one minute less and save 20 gallons



## Save water

Did you know that only less than 1 percent of all water on Earth is suitable for use by people? The rest is salt water, like the kind found in the ocean, or is permanently frozen. We can't drink it, wash with it or use it to water plants. Whether it's a wet year or a dry one, we must be careful not to waste this precious limited resource.



### CONTACT US

For more information, contact us at **(408) 630-2000** or by email at **info@valleywater.org**. Or use our **Access Valley Water** customer request and information system at **valleywater.org** to find out the latest information on district projects or to submit questions, complaints or compliments directly to a district staff person.

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To get eNews, text **VALLEYWATER** to **22828**.

# Where our water comes from

# Our local water supply system

### Legend

- Local drinking water treatment plant (WTP)
- Silicon Valley Advanced Water Purification Center
- Cities
- Lakes, reservoirs, rivers, bays & the delta
- Mokelumne Aqueduct
- Hetch Hetchy Aqueduct
- Delta Mendota Canal
- South Bay Aqueduct
- California Aqueduct
- San Felipe Project
- Jones Pumping Plant
- H.O. Banks Delta Pumping Plant
- South Bay Pumping Plant
- O'Neill Pumping Plant
- Pacheco Pumping Plant
- Coyote Pumping Plant



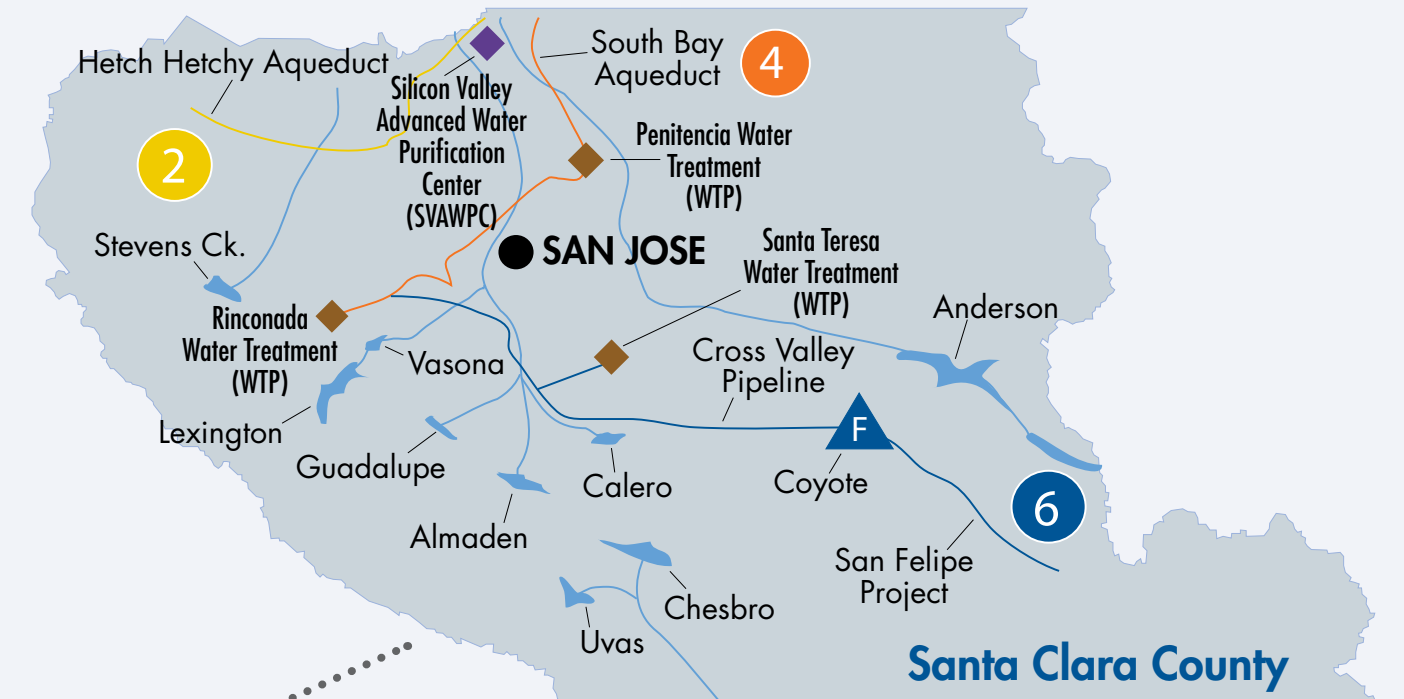
### Our water sources...

- 55% District imported water**
  - 40% through Delta to replenish groundwater and supply water to drinking water treatment plants
  - 15% from Hetch Hetchy system
- 40% local water**
  - natural groundwater
  - from reservoirs to groundwater
  - from reservoirs to drinking water treatment plants
- 5% recycled water**

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**100% TOTAL SUPPLIES**

Based on average values from 2010 to 2014.



### Our water use...

- 40% Groundwater**
- 35% Treated Water**
- 15% Hetch Hetchy**
- 5% Recycled Water**
- 5% Other Local Water**

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**100% TOTAL USE**

Based on average values from 2010 to 2014.

## Water Conservation

A growing county has a growing thirst, but without enough water to meet the increasing demand of our region, a long-term conservation effort is imperative. While immediate actions have helped conserve the water we do have, the water district is helping residents and businesses implement long-term actions that will reduce the overall demand on our water supply, ensuring there is enough water to go around well into the future.

Graphics representation—not to scale.