

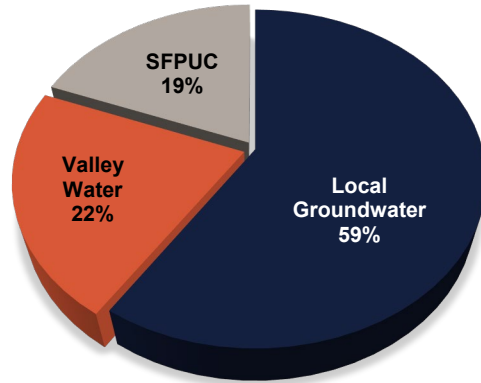


Parks & Recreation Commission Meeting

**Water Conservation
Strategies During the
Drought Emergency**

November 16, 2021

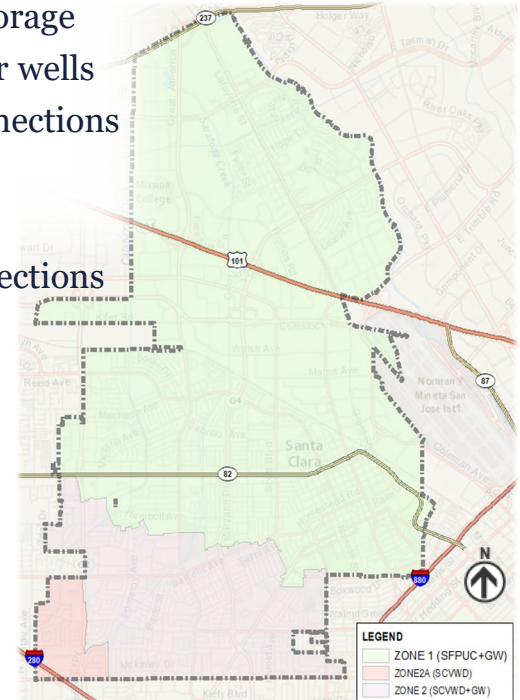
City Water Overview



- Potable (Drinking) Water Supplies
 - Groundwater from City Wells
 - Imported surface water from Valley Water
 - Imported surface water from SFPUC
- Non-potable Water Supply
 - Recycled water from South Bay Water Recycling (SBWR)
 - Offset 19% that could have otherwise been potable water

Potable Water Distribution System

- 335 miles of distribution main
- 7 tanks – 28.8 MG storage
- 21 active groundwater wells
- 3 imported water connections
 - 2 SFPUC
 - 1 Valley Water
- ≈26,000 service connections





2021 Emergency Drought Water Shortage Timeline

- June 9: Valley Water Board of Directors declared water shortage emergency in Santa Clara County
- June 15: Santa Clara County Director of Emergency Services proclaimed local emergency related to extreme drought
- June 22: Santa Clara City Council adopted Urban Water Management Plan (UWMP) & Water Shortage Contingency Plan (WSCP)
- July 8: California Governor Gavin Newsom extended previous emergency drought proclamation to include Santa Clara County
- July 12: City Manager Deanna Santana proclaimed emergency drought conditions in the City of Santa Clara
- July 13: City Council ratified July 12th proclamation and implemented Stage 2 of City's WSCP



Current Status

- Stage 2 WSCP
 - 15% reduction in water usage
 - 3 days per week watering
 - Decorative water features must use recirculating water
 - New irrigation connections restricted to recycled water
 - Permanent water waste prohibitions





Going forward



- Stage 3 WSCP
 - 20%+ reduction in water use
 - Watering restricted to 2 days per week
 - Potable water use for decorative water features prohibited
 - Increase frequency of meter reading
- Consider turf reduction
 - Valley Water Landscape Conversion rebate available up to \$50k per site
 - City's Water Conservation Specialist can assist with rebate process



**City of
Santa Clara**
The Center of What's Possible

