





Water Conservation Committee Recommendation Plan

City Council Work Session
May 21, 2018

Water Conservation Committee



GENESIS FOR A WATER CONSERVATION COMMITTEE

Recommended by the
Water Planning Committee

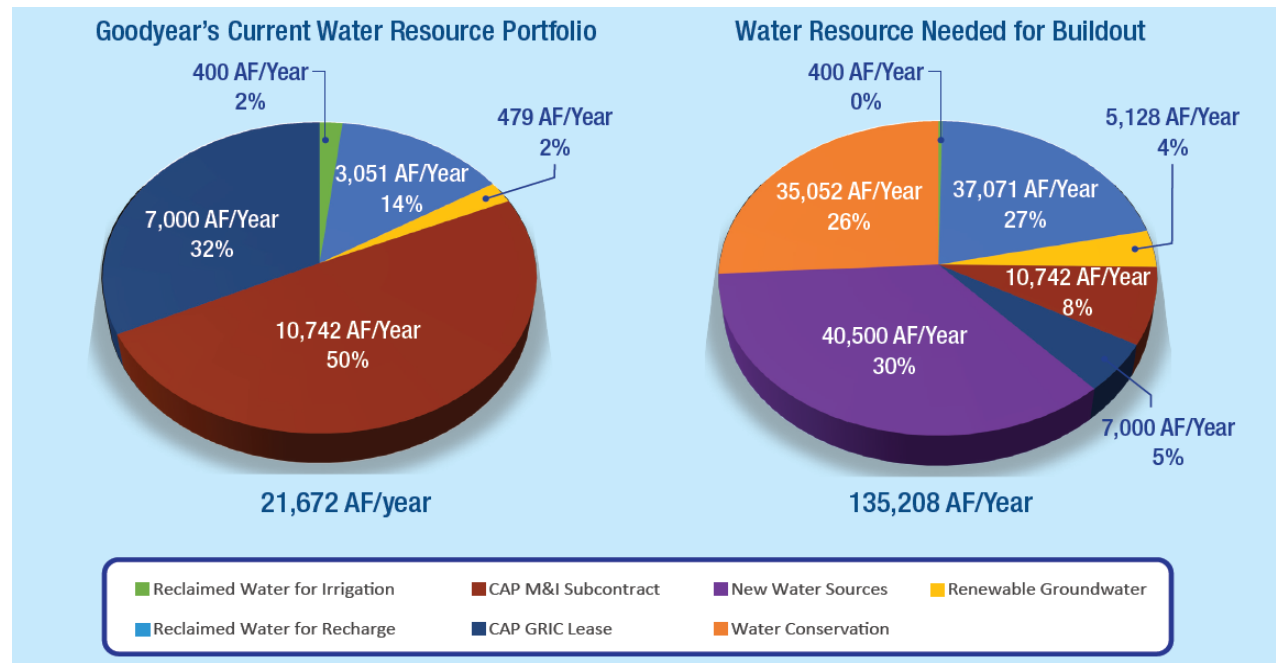
Water Conservation Committee



WATER CONSERVATION TARGET

The 2016 Integrated Water Master Plan

- Current renewable water supplies – left pie chart
- Build-out water supplies needed – right pie chart
- Additional conservation needed – orange pie slice right pie chart
- Additional conservation needed – orange pie slice right pie chart



Water Conservation Committee



COUNCIL CREATES A WATER CONSERVATION COMMITTEE

- February 2016 – Council created a Water Conservation Committee through Resolution.
- June 2016 – Council Appointed 11 members and 2 alternates to serve on the new committee.
- Members went through an application and interview process.
 - Selected by the Council Boards, Commissions, and Committee Appointment Subcommittee.

Water Conservation Committee



DIVERSE STAKEHOLDERS

- Members represent
 - Home Owners Associations
 - Real estate
 - Builders
 - Landscape-intensive property owners
 - Landscape industry
 - Residential and non-residential land owners
- Members inclusive of all water provider areas within the City
 - Majority of members reside within the City's water service area



Water Conservation Committee



COMMITTEE PURPOSE

- *Become familiar with the regulatory requirements and water usage patterns which frame the potential and requirements for outdoor water conservation, using the City's latest water conservation plan as a resource;*
- *Review impact of staff-proposed future water conservation initiatives on stakeholders, residents, growth and development to ensure initiatives' success;*

Water Conservation Committee



COMMITTEE PURPOSE

- *Prioritize and review the cost and return on investment of options to achieve significant reductions in **outdoor** water use by current customers as data permit;*
- *Recommend a prioritized set of conservation actions which may include changes to existing guidelines, ordinances, new programs and need for further study for the next five years to be forwarded to the City Council for review not later than July, 2018.*

Water Conservation Committee



TOPICS FURTHER AGGREGATED & PRIORITIZED

- Further aggregated into 12 final Recommendations
- Recommendations were prioritized based on general labor, costs, and water savings

Water Conservation Committee



LABOR, COST, & WATER SAVING IMPACT

RECOMMENDATIONS	RESULTS MATRIX		
	LABOR	COST	WATER SAVINGS
#1 LANDSCAPE DESIGN STANDARDS	LOW	LOW	HIGH
#2 CONSERVATION RATE STRUCTURE	LOW	LOW	MEDIUM
#3 CITY-WIDE TREE PLAN	LOW-MEDIUM	LOW	HIGH
#4 AMI IMPLEMENTATION	MEDIUM	HIGH	MEDIUM-HIGH
#5 COMMUNITY EDUCATION	HIGH	LOW	LOW-MEDIUM
#6 LANDSCAPE INCENTIVES	MEDIUM	MEDIUM	LOW-MEDIUM
#7 POOL COMMITTEE	LOW	LOW	LOW-MEDIUM
#8 CUSTOMER FRIENDLY SERVICES	LOW	LOW	LOW
#9 WATER MAIN FLUSHING PROGRAM	LOW	LOW	LOW
#10 SMART CONTROLLERS - PILOT	LOW-MEDIUM	LOW	LOW-MEDIUM
#11 HOME IRRIGATION CHECK-UPS	HIGH	LOW	LOW-MEDIUM
#12 WATER INTENSIVE EXCEPTIONS	LOW	LOW	LOW

Water Conservation Committee



NEXT STEPS

- 1) Request that the City Council give staff comments and direction on the recommendations to be incorporated into current and future City projects, policies, and guidelines.
- 2) Request that Council give staff direction as to how Council would like to be updated on the implementation of these concepts.



Questions
or
Comments?