



City of Goodyear

Meeting Minutes

City Council Work Session

Meeting Location:
Goodyear Justice Center
14455 W. Van Buren St.,
Suite B101
Goodyear, AZ 85338

Mayor Georgia Lord
Vice Mayor Wally Campbell
Councilmember Joanne Osborne
Councilmember Joe Pizzillo
Councilmember Sheri Lauritano
Councilmember Bill Stipp
Councilmember Brannon Hampton

Monday, May 21, 2018

5:00 PM

Goodyear Justice Center

1 CALL TO ORDER

Mayor Lord called the meeting to order at 5:00pm

2. ROLL CALL

Mayor Lord announced that Councilmember Lauritano would not be in attendance at the Work Session.

Present 6 - Mayor Lord, Vice Mayor Campbell, Councilmember Osborne, Councilmember Pizzillo, Councilmember Stipp, and Councilmember Hampton

Absent 1 - Councilmember Lauritano

Staff Present: City Manager Julie Arendall, City Attorney Roric Massey and Deputy City Clerk Sue Brungardt

3. AGENDA ITEMS FOR DISCUSSION:

- 3.1 [2018-6322ws](#) Provide the City Council with an overview of the Water Conservation Committee and staff recommendations and seek Council input and direction.

Water Resources Manager Mark Holmes presented and introduced Chairman of the Water Conservation Committee Mario Columbia.

Mr. Holmes reported that in 2015, the Water Planning Committee voted to recommend directing staff to consider implementation of another water citizen group to continue the efforts made by the Water Planning Committee on issues of sustainability and conservation.

The 2016 Integrated Water Master Plan (IWMP) determined that the total water demands for the city's build-out is slightly more than 135,000 acre-feet (AF). The IWMP proposed a need for additional water conservation in the amount of slightly more than 35,000AF by build-out, which is predicted by the year 2085. If the conservation efforts are successful, an additional 40,500AF of new water supplies will be needed for build-out of the city.

On February 22, 2016, the City Council established a Water Conservation Committee (WCC).

Mr. Columbia reported that members of the WCC are made up of diverse stakeholders that represent Home Owners Associations (HOA's), Real Estate Developers, Builders, Landscapers, representatives from the landscape industry, and residential and non-residential land owners. Members were intentionally selected to include all types of water provider areas within the city, and the majority of the members reside within the city's water service area.

The WCC purpose is:

1. To 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.
2. To review impact of staff-proposed future water conservation initiatives on stakeholders, residents, growth and development to ensure initiatives' success.
3. To prioritize and review the cost and return on investment of options to achieve significant reductions in outdoor water use by current customers as data permits.
4. 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.

The WCC received presentations from various entities such as Development Services, Engineering, Parks, HOA's, Arizona Municipal Water Users' Association (AMWUA), and Arizona State University. These presentations were used to help the WCC make their final recommendations for conservation programs. Recommendations were prioritized based on general labor, costs, and water savings. Mr. Columbia stressed that water conservation will not happen overnight, and must be made a priority in order to be effective.

Mr. Holmes reviewed details of the 12 recommendations of the WCC in priority order. The results categorize estimates for each recommendation as either low, medium, or high as they relate to the amount of labor, costs, and water savings. Each recommendation will be further analyzed at the time it is brought forward to show actual labor, costs, water savings, cost savings, and return on investment, and/or net present value calculations. Those figures will be based on the details of the recommendation, program, or project at that time. The recommendation will then be proposed through the annual budget process and brought before Council for further action.

1. Landscape Design Standards
2. Conservation Rate Structure
3. City-Wide Tree Plan
4. Advanced Metering Infrastructure (AMI) Implementation
5. Community Education
6. Landscape Incentives
7. Pool Committee

8. Customer Friendly Services
9. Water Main Flushing Program
10. Smart Controllers - Pilot Program
11. Home Irrigation Check-Ups
12. Water Intensive Exceptions

Staff requested that Council give staff comments and direction on the recommendations to be incorporated into current and future city projects, policies, and guidelines. Staff also requested that Council give staff direction as to how Council would like to be updated on the implementation of these concepts.

Council Discussion:

>Council thanked staff for the presentation.

>Council stressed that we need a good marketing plan to express the importance of this program and the need to focus on conservation to the public.

>Council asked if water leakage is easily determined and manageable. Mr. Holmes stated that the city is required to prepare annual reports to the state that identify leakage from the point of the meter at the well site to the point of delivery to the customer. There is additional leak detection equipment that could be used to analyze and detect where leaks occur. The state mandates that every water provider be at less than 10% for leakage and Goodyear is currently somewhere between 6% and 7%.

>Council asked about turf conversion as it relates to urban heating. If grass is eliminated, how will that affect urban heating? Mr. Holmes stated that the city has an incentive to try to reduce grass to an efficient level. At the same time, there is a city-wide tree planting plan to cover a certain percentage of area with shade bearing trees. There would be much less water going toward heat buffering with shade bearing trees.

>It is critical for the public to understand that 60% of our water use is for outdoor watering.

>Agrees that it would be a great goal and accomplishment if Goodyear can conserve just 1% of its water use until build-out.

>Asked if all of the recommendations that were in the 2008 plan have been accomplished.

Mr. Holmes noted that the report that was given to Council indicates the items that were accomplished in red. If they are not in red, they were not accomplished.

>Asked if Goodyear has staffing to handle all of this since it sounds like a lot of work. Mr. Holmes responded yes, that we have a Water Demand Advisor and a Water Supply Advisor.

>Council suggested using the city right-of-ways to showcase what a water conservation landscape can look like and act as an example to our citizens and businesses.

>Suggested having desert landscaping contests to get citizens involved.

>Council asked if there has been an assessment of how much grass is in Goodyear. Mr. Holmes stated that staff has been working with a professor at ASU through the use of geographic information systems to try to look at city-wide total square feet of turf. Staff has a good idea of what currently exists.

>Continuing education for residents on water conservation is important.

>If there is a cost involved for things such as meter replacements, it is important to discuss

how that will be funded.

>Asked if there is new technology for residential watering. Mr. Holmes stated that technology has come a long way in the past few years. There are subterranean water systems and smart technology that can be used to irrigate and monitor water use.

>Council would like to have a financial model to go along with each recommendation.

>Members of the Water Conservation Committee were introduced by Mayor Lord: Randy Smith, Pete Teiche, Jennifer Barber, Jackson Moll, Mario Columbia, Jack Gilmore, Marlon Booth, Laura Kaino and Susan Kagan. She commended them for all of their efforts.

4. INFORMATION ITEMS

None.

5. ADJOURNMENT

There being no further business to discuss, Mayor Lord adjourned the Work Session at 5:50 p.m.

Darcie McCracken, City Clerk

Georgia Lord, Mayor

Date: _____