



Meeting Minutes

Water Conservation Committee

Tuesday, September 19, 2017

6:00 PM

Goodyear City Hall, Room 117
190 N. Litchfield Rd.
Goodyear, AZ 85338

1. **CALL TO ORDER**

Chairman Columbia called the meeting to order at 6:00 p.m.

2. **ROLL CALL**

Present: 8 - Chairman Columbia, Committee Member Faiello, Committee Member Gilmore, Committee Member Kaino, Committee Member Minarik, Committee Member Moll, Committee Member Smith and Committee Member Teiche

Excused: 3 - Vice Chairman Barber, Committee Member Booth and Committee Member Kagan

Staff Present: Water Demand Advisor Ray Diaz and Water Resources Planning Advisor Gretchen Erwin

Others Present: Facilitator Teresa Makinen and Assistant Anne Morton

MOTION BY Committee Member Teiche, SECONDED BY Committee Member Gilmore, to EXCUSE Vice Chairman Barber and Committee Members Booth and Kagan from the meeting. The motion carried by the following vote:

Ayes: 8 - Chairman Columbia, Committee Member Faiello, Committee Member Gilmore, Committee Member Kaino, Committee Member Minarik, Committee Member Moll, Committee Member Smith and Committee Member Teiche

Excused: 3 - Vice Chairman Barber, Committee Member Booth and Committee Member Kagan

3. **APPROVE MINUTES**

- 3.1 [MINUTES](#) Approve draft minutes of the Water Conservation Committee meeting held on [69-2017](#) August 15, 2017.

POINT OF ORDER BY Committee Member Minarik, commenting that he either didn't receive or didn't see the minutes and if that was the case for the other members as well, he asked that the approval be postponed. A few had reviewed the minutes; however, Committee Member Kaino pointed out that under "New Business" the minutes were blank although extensive conversation was held during that agenda item. Facilitator Makinen said that there may have been a glitch because the draft sent to the city for review had content under that item but when she downloaded from the city's website, it was different. Water Demand Advisor Diaz agreed that it was likely a mistake and they'd

look into it.

MOTION BY Committee Member Gilmore, SECONDED BY Committee Member Smith, to TABLE this item until the October meeting. The motion carried by the following vote:

Ayes: 8 - Chairman Columbia, Committee Member Faiello, Committee Member Gilmore, Committee Member Kaino, Committee Member Minarik, Committee Member Moll, Committee Member Smith and Committee Member Teiche

Excused: 3 - Vice Chairman Barber, Committee Member Booth and Committee Member Kagan

4. **CITIZENS COMMENTS/ APPEARANCES FROM THE FLOOR**

None.

5. **OLD BUSINESS**

5.1 Meeting Schedule and Administration

Facilitator Makinen said regarding the Palo Verde Nuclear Generating Station (PVNGS) tour scheduled to take place for Friday, September 15th, that was canceled since several members had to cancel which left only two members able to attend. Ms. Mackinen asked if there was a lack of interest or if they'd like to reschedule. Five members said they were still interested. Water Demand Advisor Diaz said the new date wouldn't be until after the New Year and once a date is set, he will send the members the information.

Next, Ms. Makinen said she had sent the previous month's minutes along with this month's agenda and various other items via email and it appears that several members didn't receive the email. She wasn't sure why some didn't receive it since the files were not large so it shouldn't have been due to size. Ms. Mackinen said she'd resend the August minutes once they were corrected.

Committee Member Minarik said he ran the model previously discussed based on all three population numbers. If they utilize the population number of approximately 175,000 by the year 2050 from the Integrated Water Master Plan developed by Carollo Engineers, then they'd be doing good. If they utilize the population number of approximately 265,000 by the year 2050 which the city of Goodyear uses for Economic Development purposes, then the model gives two tipping points - at 2029, the city would have to go into their reserves and at 2045, the city would be out of water. Lastly, if they utilize the population number of approximately 448,000 from WESTCAPS 2005 and 2006 reports, then at 2025, the city would have to access their reserves and be out of water in 2037. Mr. Minarik said he ran the numbers including all of the CAP water under the new agreement. He would like guidance from the committee on which numbers they prefer he utilize. There was some discussion as to why there would be varying numbers within the city departments and it was suggested that the Integrated Water Master Plan population numbers only reflect those in the city's service area while the numbers utilized by Economic Development include all of Goodyear's planning area. Without further clarification, the committee members didn't want to make a decision on which number to support. Mr.

Diaz will speak with Economic Development to see how the MAG population numbers were calculated for the committee's consideration.

6. NEW BUSINESS

6.1 Committee Discussion on Recommendation Topics and Concepts

Facilitator Makinen reminded the group of the discussions from the previous meeting and suggested the group pick up where they left off, but to think big efforts or changes the city can implement for change. She suggested they skip the education and awareness section for now since that would be something that could be applied to everything, and suggest the committee begin their work tonight on the topic of "Commercial Landscaping" since there were several items that fall under that item for discussion.

Ms. Makinen began by reviewing the sub-topics to see if any could be removed from the list as not applicable or not critical. They agreed to remove "Cosmetics vs Conservation". The next topic was "no winter over seeding for turf" and Committee Member Gilmore said there would need to be qualifiers for businesses that would need to over seed. All agreed that they should keep "Invest in comprehensive landscape design plan" and Committee Member Moll added that it would cover a lot of the other items within that topic. Moll said that working with HOAs could fall under that topic; however, he'd be against prohibiting things with exceptions such as winter over seeding. He said he thinks it would be appropriate for the city to convene a committee to redo the landscape design standards. It was agreed that there should be a recommendation for the city to convene a committee to review and develop for design standards. Ms. Makinen said the next topic or suggestion is for the city to include a landscape architect on staff as part of the staff review of the landscape design plans and all agreed that should be included in the Committee for Design Standards. Ms. Makinen reviewed the remaining items and asked if any of them would not fit under that recommendation. Mr. Moll said that future design and future construction are different than for existing landscaping and it seems that the composition of a committee for future design would be different than for existing landscaping. The focus areas for existing landscaping are to lower water use and increase efficiency. Ms. Makinen asked what the city could do to impact existing landscaping that differs from behavior change through education. Water Demand Advisor Diaz said that they could require that as plants die and are replaced, they're replaced in alignment with future design standards. Incentive-based programs could also assist in changing existing landscape.

It was suggested that under the category of commercial landscape, there be two subcategories - 1.) Convening a committee for design standards and 2.) For the city to put together an incentive-based program for HOAs for existing landscape.

Dual metering was removed from the category of commercial landscape since it is already required for commercial; however, it will be included for the single-family home category as part of the technology for efficiency.

Next, Ms. Makinen suggested they discuss right-of-ways. Chairman Columbia said it seems there is a

lot of commonality between the topics in commercial landscaping and right-of-way. Mr. Moll said that typically the private developer builds the right-of-way to city standards and then turns it over to the city and Ms. Makinen added that even when the city builds, they do so in compliance with their standards. All agreed that a member of staff should be on the committee for design standards.

Committee Member Teiche asked for clarification on how previous pavement assists in conservation. Gilmore said that it is less heat generating and assists in retaining water on site. Mr. Moll said that the city currently prohibits the use of previous pavement. It was agreed that the city should go back through their code to reconsider things they currently prohibit that might be good for conservation.

Next, they discussed city parks and schools. Mr. Moll said that unlike with developments' existing landscaping, the city can make changes to city parks and lead by example. Committee Member Kaino added that the city could create a water use reduction plan or even make it a citywide performance measure that all departments have to create a water conservation plan for their department.

Mr. Diaz said they could also require that when any facility is upgraded, it has to be to current design standards.

For schools, Mr. Moll said it could be more difficult because they would have to see what they can and cannot do with schools since state law regulates how the city relates to schools; however, an education component showing them how they could save money could be effective.

It was agreed that golf courses would be removed as a subject. It was also agreed that the city review their current street design standards for opportunities utilizing water run off as a means of water harvesting for medians or rights-of-way and also to reduce the heat island effect.

7. QUESTIONS FROM THE PUBLIC

None.

8. INFORMATION ITEMS

None.

9. ADJOURNMENT

There being no further business to discuss, Chairman Columbia adjourned the meeting at 7:57 p.m.

Respectfully Submitted by:

Mario Columbia, Chairman

Date: _____