



0000119045

ORIGINAL

RECEIVED

October 13, 2010

Arizona Corporation Commission
Commissioners Wing
1200 West Washington
Phoenix, AZ 85007-2996

2010 OCT 25 P 12: 53

AZ CORP COMMISSION
DOCKET CONTROL

RECEIVED
OCT 25 2010
By

Re: Arizona American Water Company, Docket No. W-01303A-09-0343

SW-01303A-09-0343

Dear Commissioners,

During the evidentiary hearings before the Administrative Law Judge in the Arizona American water rate case in which the water rates for the Community of Anthem will be determined, there was testimony that the Anthem Community Council does not promote nor engage in water conservation efforts. Those statements are false; water is one of our most valuable resources and the Anthem Community Council has a well developed conservation program. Attached to this letter is a Water Conservation Summary which consists of a comprehensive list of all enacted and planned water conservation measures for our community. We have identified the measure taken, amount of water saved as well as the associated cost savings. The Summary demonstrates the steps that the Anthem Community Council has taken to minimize water use in the interest of reducing the impact of any water rate increases that the Commission may approve.

A substantial effort relates to the use of effluent water to irrigate turf areas, where possible, rather than using potable water for all irrigation needs. Native landscaping has also been incorporated to reduce the amount of watering necessary in order to maintain a healthy natural environment. The Anthem Community Council partners with two contracted landscaping companies; DLC Landscaping for all Council and Country Club property and Valley Crest for all Parkside property. Both Country Club and Parkside residents choosing to landscape their yards with turf must adhere to the restriction stated in the Design Guidelines "a maximum of 20% of the front area of a residence may be planted in turf."

Please review the attached Summary for details of all water conservation efforts from DLC Landscaping, Valley Crest as well as Anthem Community Council staff. Please do not hesitate to contact me at 623-742-6050 if you have any questions or need any additional information.

Sincerely,

Jack Noblitt
on behalf of the Board of Directors
Anthem Community Council

Arizona Corporation Commission
DOCKETED

OCT 25 2010

DOCKETED BY

Water Conservation Summary

The ACC partners with two contracted landscaping companies; DLC Landscaping for all Council and Country Club property and Valley Crest for all Parkside property.

In addition, ACC staff has taken the following measures to conserve water.

DLC Enacted Water Conservation Measures

- Programming clocks
- Analyzing data from water bills
- Maintaining and balancing irrigation systems
- Training personnel
- Shutting off irrigation after a rain event
- Capping unused emitters

Valley Crest Enacted Water Conservation Measures

- PMI (Preventative Maintenance Inspection)
- Check for leaks/damage to lines.

ACC Enacted Water Conservation Measures

- Majority of water used is from Lake Pleasant (pipeline installed by Del Webb)
- Most landscaping is native desert plants, which do not require a lot of water

DLC Planned Water Conservation Measures

- DLC projects to use only 71% of the amount allocated by the Arizona Department of Water Resources (ADWR) for Council and 46% for Country Club.
 - The difference of 215 acre feet (Council) equates to a total water savings of 70 million gallons. The difference of 101 acre feet (Country Club) equates to a total water savings of over 32 million gallons.
 - This is to be achieved by using the above mentioned water conservation measures.
 - Since January 2010, DLC has been able to shut down the irrigation after a rain event for a total of 55 days, which equates to 37 cycles. The cost of a cycle running is between \$987.00 in the winter and \$2100.00 in the summer. This equates to a total estimated cost savings of \$50,988.00 (20.5 million gallons)

Valley Crest Planned Water Conservation Measures

- Assess horticultural plant palette and make recommendations that can reduce overall water consumption.
- Water Management Plan Services:
 - System Water Auditing
 - EvapoTranspiration (ET) Based Scheduling
 - Water Budgeting and Tracking
 - Central System Management
- Create a customized Water Management Plan that ensures uniform coverage, reduced runoff and efficient operation

Community Center Planned Water Conservation Measures

- Proposed water conserving flush units for stall toilets
 - Details are attached

Amount of Water Saved

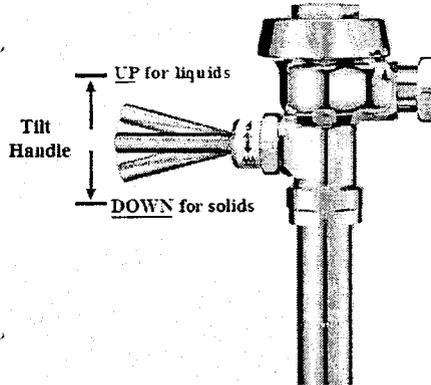
- **DLC** - 70 million gallons for Council and over 32 million gallons for Country Club (total conservation efforts)
- **Community Center** – ½ gallon of water per flush

Associated Cost Savings

- **DLC** - \$173,600 for Council and \$81,550 for Country Club (total estimated cost savings)

Dual-Flush Feature - How They Work

The new toilets have a Dual-Flush feature which can save up to a 1/2 a gallon of water per flush. Depending on the need, you can either tilt the handle UP for a reduced flush – this is for times when you are only flushing liquid and light paper waste. Or, you can tilt the handle Down for a full flush – this is for solid waste. There are signs within the bathroom area which reinforce the proper operation of the product.



These new Dual-Flush toilets can save a tremendous amount of water, but only if we use them properly. You will notice the new handles on the valves are Green; the handles are coated with specially formulated antimicrobial coating to protect against germs. We hope you will join us in our efforts to save our most precious resource.

Thank you