

## CONSERVATION COMMITTEE REPORT TO GV BOARD

February 15, 2011

**SOLAR POOL SYSTEM** – The system has been installed and is working. There have been some start-up problems, but the Committee has been running tests, reading manuals, etc. and has become more familiar with the system. A solar sensor on the roof needs to be moved to an area that will get constant sunlight, as it is now shaded by a palm tree. Tests indicate that the pool sensor is inaccurate and should be replaced. We're working with the Manager and Staff to optimize solar radiation in pre-heating water in the large pool. Sunny and warmer weather will help.

The Committee has met informally many times and only a couple of official meetings, due to illnesses and absence of members. It was decided that we would not be looking for any budget dollars this year, as the primary project is the solar pool project.

We did research past water usage in Golden Vista, and provided information to the Planning & Development Committee concerning a proposal to install tanks in the water retention area to catch and hold water for irrigation of that area. P & D determined that, although it could conserve water, it would not be cost-effective to pursue at this time. However, the study of GV water usage did show that water conservation measures undertaken over the past few years has been significant! In 2002, we used 29.2 million gallons at a cost of \$145,551. In 2010, we used 22.3 million gallons, costing \$141,135.

The Conservation Committee will continue to research other water, electrical power, and propane conservation opportunities for Golden Vista. Copies of more detailed meeting notes are attached.

Lastly, I want to thank the members of this committee for their interest, support, and the level of expertise they bring to this committee. They are: Allen Hettinger, Ron Ward, Don Perlich, Norm Hackett, and Peggy Richardson (Board Liaison). Also, Dawn Douglas, a former member of the Solar Committee is showing renewed interest. I recommend the GV Board re-appoint her to the Conservation Committee.

Respectfully submitted,  
Ken Baumgartner, Chairman