

per minute (gpm) was used to calibrate the water distribution system model, which includes the daily annual average for irrigation flow. The average summer flow of 1,400 gpm (2 million gallons per day) was also used for calibrating the model.

Director Steve Cox asked if Triview's water plant A could keep up with summer demands if plant B went down. Monument Public Works Director Tom Tharnish said, "Absolutely." Director Robert Fisher said that losing a well and losing one of the two plants would put the water system in a negative state during peak season because all irrigation water is treated water. Two summers ago, Triview had to shut off irrigation of its open park spaces when there were water production problems.

Cox asked if a new tank and an eventual new well would be a better investment than a booster pump system. Fisher said decisions on digging the next well and installing the next water tank "farther up the hill" also need to be made. However, the currently proposed booster pump system will immediately solve service problems in the Jackson Creek areas that already have unacceptably low water pressure and service the new houses being built in Promontory Pointe for \$150,000. The proposed new 2 million gallon tank would cost Triview more than \$1 million.

Monument water operator Steve Sheffield directs the operation of Triview's water distribution system under an operations intergovernmental agreement with the town. He said the existing Triview wells and pumps cannot keep the existing 1.5 million gallon Triview water tank full during periods of high demand, so another tank will not solve water pressure issues.

"We're battling against being able to produce enough water" and another well is needed to solve the summer demand production problem, Sheffield said. President Bob Eskridge added that "sinking another well doesn't necessarily solve the pressure problem."

Fisher stated that the booster pump system is a quicker, "short lead time acquisition and installation solution" and is a low-cost item that he would have chosen four years ago if it had been offered as a solution to the board, though it is less than 20 percent of the answer for overall water system expansion.

Sheffield said he could not remember a time when either plant was keeping Triview from producing water—it was always a well issue. There is room for installing another well and unused capacity to treat the extra water in the B water treatment plant.

Eskridge said that the booster pump, another well, and another tank are all needed. Fix reminded the board that the task contracted to Merrick was to site the booster pump and then determine where to install another tank and well. Merrick does not yet have an answer on where to put the second tank and how to pump water farther uphill to this new tank. Merrick scheduled this meeting to determine where to install the booster pump and new tank.

Remington asked if the booster pump station would have any use after the new well and water tank were installed. Fix said future booster pump utility would depend on where all three new system components are installed. A larger booster pump may be needed after the new well and tank are installed and Promontory Pointe approaches completion. The piping for the pressure booster system could be sized for the long term and a larger booster pump could replace the first booster pump when additional capacity is needed to sustain water pressure throughout Jackson

Creek, Promontory Pointe, and Sanctuary Pointe.

Joe Loidolt, president of Classic Companies Inc., noted that Merrick's first proposed booster pump would not have to be a "throwaway." It will be needed to help ensure adequate water pressure in Classic's Sanctuary Pointe development—the former Baptist Camp parcel—to the east of the existing Triview water tank, if the first pump is adequately sized to also meet the further requirement to sustain pressure in the east side of Sanctuary Pointe.

After the second Triview water tank is installed, farther uphill to the east of the existing Triview water tank, it will improve water pressure by gravity in Promontory Pointe and Jackson Creek below it. The planned first booster pump could be removed and re-installed in another Triview booster pump system to be installed at the east end of Sanctuary Pointe. This larger pump would also have to be large enough to sustain water pressure in this other Classic development in a location that is much farther uphill than Promontory Pointe.

After further technical discussion, there was consensus among the Triview directors and Monument's contracted water operators in attendance that Triview's next well would have to be up and running before next summer to ensure water availability in 2013 for Promontory Pointe and the 177 Vistas apartments being constructed by Ent Federal Credit Union. The design goal is to ensure that water pressure will be 60 to 65 pounds per square inch throughout Triview.

Fix said Merrick's flow model, when completed, will help better predict how water will move through the system, but will not predict when a larger quantity of water is needed, when the new booster pump system will need help from the new water tank, or when the new well will be needed. Merrick can provide two or three options for where to install the booster pump system for exist-

ing and future problems and an analysis of how much it will cost to operate in those locations. Fix will give the board another update on April 10. A final decision will likely be made in May.


IGA update

The board unanimously approved an extension of all existing town-Triview's IGAs for two months through the end of

May to ensure enough time for the district to hire and cross-train people from the town staff. The start date for the town employees being hired by Triview was not changed from April 1.

Employee transition issues discussed

Sheffield, who is the Triview water superintendent under the water operations IGA,



Invitation

When: April 26, 2012

Registration: 11:00 - 11:30am

Buffet Lunch and Presentation: 11:30am - 1:00pm

**Where: Inn at Palmer Divide, McShane Room
443 S Highway 105, Palmer Lake**

RSVP by April 17th to 719-481-3282




Fee: \$25.00 per person



*Payment in advance is preferred.
No shows will be billed.*

Local Economic Update Luncheon featuring:

Fred Crowley, Ph.D.

Associate Director, Southern Colorado Economic Forum and Sr. Economist, University of Colorado at Colorado Springs

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