- water, and storm drainage pipes (not including Sanctuary Pointe), 300 fire hydrants
- Eight wells, two water treatment plants, one 1.5 million gallon water tank (and one 1.1 million gallon tank and booster station under construction for Sanctuary Pointe)
- A total of 1.7 million gallons of water can be treated and pumped each day.
- The water tank holds less than one day's water for normal summer irrigation season consumption.
- Triview's sanitary sewer influent flows average 11.8 million gallons a month to Upper Monument Creek Regional Wastewater Treatment Facility (UMCRWWTF).
- 340 irrigation zones, 732 water valves, 12 pressure reducing valves, and 150 storm boxes all requiring regular testing
- Annual 10 percent growth is expected through 2020 due to new residential construction in Sanctuary Pointe, Homeplace Ranch, and ongoing growth along Jackson Creek Parkway and Baptist Road.

Remington compared Triview's staffing to the Town of Monument's and Donala Water and Sanitation District's, saying, "We have a much smaller staff and more to do."

She then proposed a new organizational structure for the district that would have the same number of full-time employees as before but would be reorganized to hire a lead water operator to optimize the use of the current plant. She said the only person who currently meets the Level B operator requirement is Water Superintendent Josh Cichocki, who would be busy with Sanctuary Pointe construction. "We are not out of compliance, but we need help," Remington said. She also presented an organizational chart for five years in the future showing her projected increases in staffing needed.

Engineer John McGinn of JDS-Hydro commented that the district needed to "get drinking water under control before it could do other things like roads and the 15 years of deferred maintenance." The district is growing at "breakneck speed," and the complexity of the water system was

increasing with it, he said. Melville asked how the district would get ahead on hiring and infrastructure before those customers paid their development tap fees. Remington said it would come from the fund balance

"We are not small any longer," she said. "Staff is setting up to do a major shift in how we do business. Maintenance cannot be ignored anymore, and it will cost us money. We had our head down trying to dig out of a hole, and now we need to look up collectively and look down the road further. Now that we have stabilized financially and legally, we can move forward."

New funding needs for wastewater treatment facility expansion also looming

Consulting engineer Roger Sams of GMS Inc. warned the directors that Triview will need to plan on spending money on a treatment plant expansion for the separate wastewater facility it shares with Donala and Forest Lakes Metropolitan District to meet future regulatory changes and capacity challenges.

He said the UMCRWWTF has been maintained very well and is currently in excellent compliance with regulations. However, since its discharge permit is subject to state and federal regulations and oversight, and because the EPA and the Colorado Department of Public Health and Environment (CDPHE) update and tighten those regulations regularly, it is possible that stricter regulations regarding nutrients such as nitrogen and phosphorus could be required.

Another concern is that as the drinking water treatment process removes the naturally occurring arsenic in the district's well water from the Denver Basin aquifer, the arsenic becomes part of the district's wastewater and needs to be removed by UMCRWWTF before the treated effluent enters the stream. It might be possible to include this process with future phosphorus removal process, Sams said.

He also said since engineering projects take years for planning and years for construction, it is vital to plan four to five years ahead to meet future wastewater treatment capacity requirements. He said

UMCRWWTF has enough real estate on which to expand its treatment plant when housing construction results in Triview no longer owning enough sewer flow treatment capacity to handle its forecast wastewater load growth. This need for wastewater flow treatment capacity expansion and simultaneous arsenic treatment construction could occur as soon as 2021.

(Continued on page 9)

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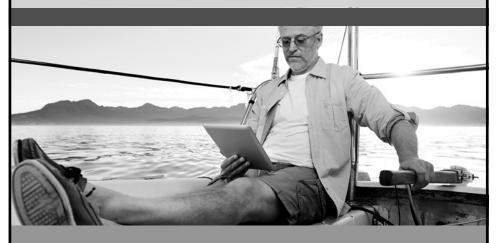




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