

drive.

- Regulators called pressure reducing valves in the water distribution system need to be replaced immediately. Crews are currently working to contain a risk of outages and establish a maintenance schedule to extend the life of the regulators.

McGrady provided additional updates that included:

- A map of the road rehabilitation project is posted on the website. Progress on the project will be updated weekly. See <https://triviewmetro.com/assets/documents/pavingRepairMap2018.pdf>
- The district's new website is up and running, but as of the board meeting, the old website managed by Colorado.gov had not been decommissioned.
- The Town of Monument accepted Triview's "no use tax" condition on the A-yard wall. The wall is being built jointly by the district and Mountain

View Electric Association to provide security and aesthetics around the facility.

- Crews have been painting and inspecting fire hydrants and expected to be finished by the end of April.
- The central irrigation system, depending on weather, was expected to be activated April 16.

#### Finances and disbursements reviewed

The directors reviewed the financial report and expressed no concerns. Finances and disbursements over \$5,000, which are listed below, were approved unanimously.

- JDS Hydro, \$8,526
- Walker Schooler, \$13,170
- Fountain Mutual Irrigation Co., \$5,000
- Alpine Street Sweeping Inc., \$5,704
- Monson, Cummins & Shohet LLC, \$6,134
- Donala Water and Sanitation District, \$139,951
- Golder Associates Inc., \$6,858

- Vogel Sales Inc., \$27,000
- Redline Pipeline, \$9,757

The meeting adjourned at 6:55 p.m. and the board went into executive session citing CRS §24-6-402(4)(b)(e)(f) Legal Advice, Negotiations.

No additional decisions or actions were announced following the executive session.

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The next Triview meeting will be held May 15 at 5 p.m. at the Fairfield Inn, Mt. Herman Conference Room, 15275 Struthers Road, Colorado Springs. Meetings are normally held on the second Tuesday of the month. Information: 488-6868 or see [www.triviewmetro.com](http://www.triviewmetro.com). See also "Triview Metropolitan District" on Facebook, or [Twitter.com/@TriviewMetro](https://twitter.com/TriviewMetro).

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### Donala Water and Sanitation District, April 19

## Staff prepared for higher summer workload and drought contingencies

By Jim Kendrick

On April 19, General Manager Kip Petersen briefed the Donala Water and Sanitation District (DWSD) board on updated projections for this active infrastructure upgrade construction year during a drought. He said that soaring asphalt costs will require restructuring of the Gleneagle Drive water main replacement project schedule.

Petersen reviewed the early April weekly U.S. Drought Monitor reports that still forecast lower moisture and higher temperatures than average for Colorado this spring and summer, despite several recent rain events. This drought will increase the amount of irrigation water Donala will have to provide this year. Although this year's drought may cause a loss of some of Donala's remaining stored surface water in the Pueblo Reservoir later this year, no effect on Donala's water supply to customers is expected.

This was board President Dave Powell's last meeting, due to term limits. He will be replaced at the May 17 regular meeting by new Director Wayne Vander-schuere, retired general manager of Colorado Springs Utilities (CSU) Water Services. Donala Secretary/Treasurer Bob Denny will be sworn in for his second elected term. Director Dennis Snyder will be sworn in for his first elected term since his appointment on Aug. 19, 2016. The board will elect its officers on May 17, after the swearing in process is completed.

Denny attended the April 19 meeting by phone.

#### Status of operations/projects

Petersen said asphalt replacement costs for this year's portion of the district's Gleneagle Drive 12-inch water main replacement project have soared to \$380,000, which is more than the district can afford to pay this

year, and this year's construction plan will have to be adjusted. He will investigate the possibility of installing the district's replacement water main under Gleneagle Drive at the same time the county rebuilds this residential collector road in the near future to determine if any near-term asphalt replacement cost-sharing savings can be negotiated.

Director Ed Houle said the only county road resurfacing that is planned in the near future in the Tri-Lakes area is for the two-lane portion of Baptist Road from Desiree Drive to Roller Coaster Road, with no widening. Petersen added that all other planned county residential road repairs will be chip and seal only, with no milling or new asphalt.

Petersen reported that both the groundwater and surface water district treatment plants are producing water to supplement Willow Creek Ranch surface water to meet higher spring and summer demands. A new pump and new motor should arrive by the end of April to be installed in district Well 2-D. Petersen added that the Upper Monument Creek Regional Wastewater Treatment Facility (UMCRWWTF) is working well and operating within established discharge permit limits.

Petersen said he will continue discussions with CSU staff on signing a long-term agreement with CSU for transporting Donala's renewable Willow Creek Ranch surface water from Pueblo Reservoir through the Southern Delivery System, treatment by a CSU surface water treatment plant, and piping this now-potable surface water to the CSU-Donala interconnection at Northgate Boulevard and Struthers Road for direct distribution to Donala customers.

Engineering consultant GMS Inc. is continuing with the design phase of the UMCRWWTF pilot plant for the removal of arsenic from the facility's influent wastewater. The treatment plant's ultraviolet disinfection control interface has been upgraded. Petersen said the made-to-order replacement plant influent wastewater screen unit and custom-made walkway are still in design. The walkway is scheduled to be installed later this year so that construction that will be performed on scaffolding that is 25 feet in the air will be completed for staff safety before fall and winter inclement weather begin. The influent screen may not be installed until early 2019.

About 40,000 gallons per day of Academy Water and Sanitation District wastewater flows will start flowing into UMCRWWTF in September, when Academy's new lift station and force main are completed.

Petersen noted that he had taken several of the new Triview Metropolitan District board members and the now-permanent new Triview District Manager Jim McGrady on a tour of UMCRWWTF with him. Petersen stated that this is the first time he had ever taken a Triview board member on a tour of UMCRWWTF.

Annual Donala water main flushing is removing the small amounts of unfiltered iron sediment that collects in the low spots of sagged distribution pipes during the winter, when potable water flows are the lowest due to low irrigation flows.

#### Willow Creek Ranch

Donala's annual five-month water right for taking Willow Creek renewable surface flows out of the Arkansas River starts on May 1 each year and lasts until Sept. 30. Donala is allowed to take out a variable amount of Willow Creek snowmelt water, as long as

a rolling 38-year Donala withdrawal average of 280 acre-feet is not exceeded. Petersen estimated that the current snowpack will only yield about 63 percent of the state's average snowmelt in 2018. However, the resultant lower-than-average 2018 Willow Creek Ranch snowmelt yield will not result in an overall Donala water shortage because all of Donala's wells are operational.

Even though the snowmelt will be reduced in 2018, 2017 was a comparatively wet year, and a higher-than-average amount of carryover agricultural surface water remains in Pueblo Reservoir storage this spring. While there will be below-average 2018 snowmelt flows into the reservoir, these estimated spring flows still may be sufficient enough to overflow the reservoir this year due to the high rate of carryover of 2017 stored water.

Donala's contracted maximum amount of space available storage in Pueblo Reservoir is 499 acre-feet. If the reservoir approaches an overflow this spring or summer, the amount of storage space available to Donala in 2018 may be reduced by the Bureau of Reclamation to zero. To help prevent a spill of any remaining Donala reservoir water in this circumstance, Donala has been using up as much of its remaining reservoir water as possible.

One other option Petersen noted was to ask CSU to store some of Donala's water in CSU's unused higher-priority long-term-lease storage capacity in Pueblo Reservoir.

#### Development update

Donala has also inspected all the new Pilot truck stop water and wastewater infrastructure for Forest Lakes Metropolitan District. Donala is also working with Forest Lakes engineers and the county on the design of the new Forest Lakes surface water treatment facility, which is expected to be operational by this fall. Forest Lakes is currently supplying groundwater to its residents from a separate Arapahoe aquifer well. The Donala staff is very busy providing Forest Lakes Metro District an average of three inspections for each new house and a minimum of six inspections for each new commercial building, using overtime to cover this short-term surge of contracted Forest Lakes activity that will go away when all the new homes have been constructed.

Petersen reiterated that Donala's only concerns in Forest Lakes are the water and sanitary sewer systems. Donala has no land use authority regarding any of these projects that have become controversial.

The stormwater upgrade project at Northgate and Struthers has been delayed until 2019 due to Preble's mouse issues with the planned detention ponds on the Air Force Academy.

Petersen reported that the Gleneagle golf course redevelopment had begun, with contractors moving dirt for the required drainage improvement. The district staff has been meeting with the developer and his engineer to review the plans for the installation of water and sewer lines in district easements. The developer and district staff are coordinating their separate home construction and 12-inch water main replacement projects along Gleneagle Drive so each can save money and no newly repaired pavement has to be dug up and "repaired" a second time.

New sewer lines in the Academy Gateway hotel construction area along Struthers Road have been re-

*Donala (cont. on page 20)*

### Jeff Freeman

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