

said he planned to use \$208 for COVID-related items and \$2,807 for miscellaneous safety and office equipment.

Willow Springs pipeline needs repair

In his Manager's Report, Parker told the board that a wastewater line serving Willow Springs Ranch, Wagons West Townhomes, and Trails End had been inspected and problems had been found. Internal video of the line was examined by GMS Engineering and the line was found to have low spots, or bellies, that would need to be repaired by MSD. The line would also serve 100 new res-

idences planned by Aspen Homes just north of Willow Springs, Parker said. He said he would apply to El Paso County for funds from the American Recovery Program Act to fund the repairs.

Parker said representatives from Willow Springs Ranch had told him they planned to have all 452 houses in the development built and sold by the end of 2022.

Old legal documents to be scanned

Parker mentioned that a legal firm that had represented the district in the past had delivered boxes of old records to the district's office. Documents that needed to be kept

in perpetuity would be scanned, he said.

Monument Sanitation District meetings are normally held at 9 a.m. on the third Wednesday of the month in the district conference room at 130 Second St., Monument. The next regular meeting is scheduled for May 18 at 9 a.m. See <https://colorado.gov/msd>. For a district service map, see <https://colorado.gov/pacific/msd/district-map-0>. Information: 719-481-4886.

Jackie Burhans can be reached at jackieburhans@ocn.me. James Howald can be reached at jameshowald@ocn.me.

Donala Water and Sanitation District, April 21

Board brainstorms strategies

By James Howald and Jackie Burhans

At its April 21 meeting, the Donala Water and Sanitation District (DWSD) board heard operational updates from District Manager Jeff Hodge in its regular session, then reconvened in a workshop session to discuss issues such as Aquifer Storage and Recovery (ASR) and the district's long-term contract to purchase water from Colorado Springs Utilities (CSU), among other subjects.

Finances and projects on track

In his manager's report, Hodge told the board the district's finances "are right where they should be." The improvements to the Holbein treatment plant are going well and should be complete by June. Hodge said the filter media in the R. Hull treatment plant would need replacement and that he expected replacing the filter media in both plants would help to reduce radium levels in the district's water. Another state-mandated letter addressing radium would be sent to customers soon, Hodge said.

Regarding wells, Hodge said Well 3D is now in production and pumping 120 gallons per minute reliably. Well 8A has been cleaned and is expected to be in production this month. Well 12A is being cleaned. Work on

the district's new well, Well 16A, is proceeding and the district is working with residents near the well site on mitigating the noise of drilling.

Workshop debates ASR, relationship with CSU

In the workshop, Hodge told the board that DWSD was working with Triview Metro District to assess the feasibility of ASR, an approach to ground water management that involves pumping water back into aquifers for storage to avoid loss to evaporation and later pumping the water for consumption. Brett Gracely, a water resource manager with Leonard Rice Engineering Inc., told the board that better-producing wells are the best candidates for use with ASR. Pipe routes and the accounting model used with ASR will be the biggest challenges, he predicted. Developing the technology along with Triview adds complexity to the effort, he said. Board President Ed Hodge said he saw great potential in ASR.

The board also discussed the pros and cons of continuing to purchase water from CSU. Hodge expressed concern that CSU had not provided the district with a draft of a contract detailing the rates DWSD could expect for the long term. Rogers Sams, an engineer with GMS

Inc. Consulting Engineers, said CSU wanted to use the same contract for all districts that purchase water from it. "Everybody gets the same deal," Sams said.

Director Wayne Vanderschuere suggested pursuing a one-year extension of the current contract with CSU, rather than seeking a 25-year agreement. Hodge said DWSD would continue to get 1.2 million gallons of water a year from CSU, but a larger amount would trigger the need for infrastructure improvements, including increasing pipeline capacity. He said CSU viewed DWSD as an "outside customer," and its own customers were the priority for service.

The next meeting is scheduled for May 19 at 9 a.m. Generally, board meetings are held the third Thursday of the month at 1:30 p.m. and include online access; call (719) 488-3603 or access www.donalawater.org to receive up-to-date meeting information. The district office is located at 15850 Holbein Drive, Colorado Springs.

James Howald can be reached at jameshowald@ocn.me.

Jackie Burhans can be reached at jackieburhans@ocn.me

Triview Metropolitan District, April 21

More details revealed about regional water delivery system

By Jennifer Kaylor

At the April 21 Triview Metropolitan District Board of Directors meeting, District Manager Jim McGrady presented a prototype of the final Northern Delivery System (NDS)—a regional water delivery system—demonstration that will likely be provided to the public in mid- to late June. The information was compiled in collaboration with JDS-Hydro Consultants Inc., which has been acquired by South Dakota-based company RESPEC.

Triview staff, all board directors, and legal representatives attended the meeting either online or in person.

Note: The April 21 agenda and packet may be accessed via <https://triviewmetro.com/wp-content/uploads/2022/04/Triview-Board-Packet-for-4.21.2022-Website-Reporter.pdf>. McGrady's PowerPoint board presentation may be accessed via <https://triviewmetro.com/wp-content/uploads/2022/04/Triview-Board-Meeting-draft-04-21-22-jcm.pdf>.

Triview is a Title 32 special district in Monument that provides road, park, and open space maintenance, as well as water, stormwater, and wastewater services, to Jackson Creek, Promontory Pointe, Sanctuary Pointe, and several commercial areas.

Water pipeline plan unfolds

McGrady's slide presentation about the NDS included the project's planning history, pipeline alignment and pipe sizes, major infrastructure, and estimated construction costs as well as a project timeline.

In response to public input from meetings and other channels, the originally proposed pipeline route initiated at a planned pump station site near Highway 83, directed northwest through the Sun Hills Community and Fox Run Park then west along Baptist Road toward either of the district's B or C water treatment plants. The newly proposed route again originates at the pump station site, follows Old Northgate Road then heads directly north on Roller Coaster Road until it intersects with Baptist Road/Hodgen Road. This section, one of two, is segment A. The second section, segment B, turns west from the intersection and either follows along Sanctuary Pointe's northern border or travels through a private parcel to eventually connect with either of Triview's C-plant or B-plant water treatment facilities, respectively. Each of the potential end points of the route would likely require a water storage tank for fire storage and blending purposes; however, the Sanctuary Pointe location currently has a water tank with the necessary water storage capacity. The B-plant location would eventually require construction of a new water tank, most likely in the parking lot (the north option) or immediately east of the plant (the east option). McGrady confirmed that the district applied for a portion of El Paso County's American Rescue Plan Act funds—\$20 million of which have been

earmarked for water projects—to finance the NDS's water storage needs.

McGrady characterized the new route as easier and quicker to build since the district could hire multiple pipe contractors, but the new route would also involve closure of Roller Coaster Road. In response to resident Barrett Edwards' questions about road closure time and related communications, McGrady estimated a three- to four-month period for when Roller Coaster Road would be closed to through-traffic but not local residents. Acknowledging the critical nature of traffic management and communications, he discussed a project website, message boards, and impromptu newsletters as foundational communication efforts and assured Edwards that no resident would have to park down the street and walk home.

Currently, Triview and Forest Lakes Metropolitan District (FLMD) have committed to participating in the project. McGrady stated that Donala Water and Sanitation (DWSD) and the Town of Monument continued to consider their options, but Woodmoor Water and Sanitation planned to participate in another water delivery system called the "Loop Group," see <https://ocn.me/v22n4.htm#wwsd>. The project's water main—a 16-inch pipe size—is estimated to support the hydraulic needs of 4 million gallons per day (MGD) which is calculated to support Triview, FLMD, DWSD, and the Town of Monument if, ultimately, all four districts participate. An estimated 32,300 linear feet (about six miles) of pipeline and the Highway 83 pump station—also with a hydraulic capacity of four MGD—completed the bulk of infrastructure needs.

The proposed plan included establishing a construction manager/general contractor (CMGC), or manager-at-risk, contract which provides a guaranteed maximum price. Although water delivery negotiations were ongoing with Colorado Springs Utilities (CSU), the cost estimation incorporated a \$9 million CSU tap fee and water rate of \$7.39/1,000 gallons. McGrady acknowledged that the water rate was higher than Triview's current tier one rate and would likely induce a district rate increase eventually. CSU proffered a 25-year, 3.45% interest financing option for the tap fee, McGrady said. Additional ongoing costs would be determined by the meter size each district required. Triview's meter requirement was estimated to be 6 inches and FLMD's, 2 inches. If DWSD or Town of Monument were to participate in the project, each of their meter sizes were estimated at 3 inches.

Total project costs varied due to the two water treatment plant options, B-plant and C-plant, as well as the B-plant storage tank options, the north and east tank locations. All of the different options were contained within the NDS's segment B. Segment A costs remained stat-

ic at \$3 million for the pump station and \$8.87 million for pipeline installation plus asphalt repair and overlay of Roller Coaster Road. In segment B, estimates for connecting to the Sanctuary Pointe C-plant option added a potential \$3.9 million, which included about \$650,000 in onsite district improvements. The B-plant option would require an estimated \$4.72 million plus \$2.7 million to situate a storage tank at the east location or the same \$4.72 million plus \$1.9 million to place a storage tank north of the treatment plant. Ultimately, the highest cost figures incorporated the CSU tap fee, the pump station, pipeline segment A, and segment B's B-plant option with the east storage tank and reached an estimated \$31.5 million. The lowest cost option calculated at \$24.8 million and included the CSU tap fee, the pump station, pipeline segment A, and segment B's C-plant option in Sanctuary Pointe, which required onsite district improvements and not a new water storage tank.

McGrady delineated quarterly goals for establishing permits, easements, and funding activities; acquiring materials; awarding the CMGC and other contracts; and finalizing participation agreements with other partners. Start-to-finish, the NDS was projected take a year to complete and construction on segments A and B would likely begin the second quarter of 2023. McGrady anticipated conducting a final public meeting in mid- to late June. A possible second meeting may be scheduled for Sanctuary Pointe residents.

Votes propel NDS, Conexus, and Home Place Ranch forward

The district manager and legal counsel provided insight into two resolutions, a consent agreement, and a letter of support. The first resolution, 2022-02, provided the means for the board to confirm the NDS route as presented and maintain the right to find an alternative if costs become excessive.

The second resolution and an accompanying agreement pertained to the Conexus development within Triview's boundaries on the west side of I-25. Conexus

Val Ross-Coy
Broker Associate

(719) 237-8787
val.erashields.com
vcoy@erashields.com


