

Shaffer told the board that to date, \$700,000 had been spent drilling Well 21 on Doewood Drive in the Misty Acres development.

The board approved the changes to the budget as presented by Shaffer.

Board agrees to provide water to support widening of I-25

Shaffer told the board that Kraemer North America, a contractor working for the Colorado Department of Transportation, had requested that WWSD provide it with 10,000 gallons of water per month, to be used to support its work on the I-25 South Express Lanes project. The water would be supplied from a

hydrant on County Line Road. The construction company was making similar requests to the towns of Castle Rock and Larkspur, Shaffer added.

Shaffer pointed out that in the past, the district has declined to provide water to construction projects not entirely within the district's service area. The consensus of the board was that this project should be supported, however, due to the importance of the work to the community, and that the district would charge Kraemer a minimum amount of \$250 a month for 10,000 gallons of water, and would also charge 1.5 times the standard rate for any water over that amount.

Operational report highlights

- WWSD is still seeing intermittent spikes in its biochemical oxygen demand (BOD) measurements. High BOD measurements are an indication of pollution. Assistant District Manager Randy Gillette described a plan to take samples to determine the source of the pollutants, saying it would be time consuming to pin down the source. Shaffer pointed out that the 30-day average for BOD was not increasing.
- The augmentation station on the Chilcott Ditch,

which diverts water to agricultural customers in the Fountain area, survived the recent flash flooding. The financing for the upgrades to the augmentation station is in place, but the start of construction work will need to wait until the monsoon rains are over for the year.

- Due to the resignation of the current ditch rider, the district has an open position to fill. Ditch riders make sure the ditch is free of obstructions and erosion and is operating properly.
- Drilling for Well 21 began on Aug. 20 and will continue around the clock

until completion in two to three weeks. Landscaping will be done at the well site when drilling is complete.

- Monument Sanitation District has completed its payments to WWSD as required by the Tri-Lakes Wastewater judgment.

The next meeting is scheduled for September 10 at 1 p.m. Meetings are usually held at the district office at 1845 Woodmoor Drive on the second Monday of each month at 1 p.m. See www.woodmoorwater.com or call 488-2525 to verify meeting times.

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

Tri-Lakes Wastewater Treatment Facility Joint Use Committee, Aug. 14

Source of higher biosolids levels still not identified

By Lisa Hatfield

The Tri-Lakes Wastewater Treatment Facility (TLWWTF) Joint Use Committee (JUC) on Aug. 14 continued discussions from previous months about possible sources of heavier-than-expected biosolids loading.

TLWWTF operates as a separate joint venture public utility and is owned in equal one-third shares by Monument Sanitation District (MSD), Palmer Lake Sanitation District (PLSD), and Woodmoor Water and Sanitation District (WWSD).

Facility manager's report includes biosolids update

Bill Burks, TLWWTF facility manager, said he was proud to announce that the facility passed its annual quantitative analysis test on its discharge monitoring report (DMR) figures, and he showed how accurate their sampling analysis work was, compared to known test samples, for total suspended solids, pH, ammonia, nitrate/nitrite, biological oxygen demand (BOD), and E. coli.

After a discussion about the pros and cons of keeping Tetra Tech as TLWWTF's engineering consultants, the JUC approved a letter of engagement with them for the remainder of 2018.

Burks presented the monthly DMR to the JUC for

June. He said the amount of biosolids again exceeded 80 percent of its 5,600 pounds per day of BOD capacity, so he would send the required notification letter to the Colorado Department of Public Health and Environment (CDPHE) as he had in February. See www.ocn.me/v18n3.htm#tlwtfjuc.

The JUC members and plant managers discussed whether Burks should adjust the number of TLWWTF composite influent BOD samples tested each month for reporting to CDPHE. The consensus was to continue influent testing at four samples per month. The JUC had directed Burks to start testing four samples per month in March when occasional individual BOD test result surges were first discovered. Only two composite influent BOD samples are required to be tested each month by CDPHE. See www.ocn.me/v18n4.htm#tlwtfjuc.

Burks said TLWWTF's effluent discharge is monitored every day, the plant's activated sludge treatment process is not being adversely affected by BOD surges, and he is not concerned about its ability to continue to handle occasional higher BOD loads without bacterial treatment upsets. The group's concern is that the CDPHE might require TLWWTF to spend

money on costly biosolids treatment process capital improvements that are premature.

The consensus was that since individual influent samples of each district's separate BOD loading are already being collected much more frequently than the composite plant influent samples, those separate owner district influent sample test results will continue to help pinpoint sources of unexpectedly high BOD loads. The biggest volume contribution to TLWWTF is from the North Woodmoor collection system, and when that system also contributes heavier-than-normal BOD loading, it affects TLWWTF far more than MSD's or PLSD's lower volumes do if MSD or PLSD have BOD influent surges. It's necessary to determine if this is a consistent upward BOD level trend or if these surges are coming from isolated individual BOD sources that could be more tightly regulated and controlled if identified. This has been discussed at several meetings this year. See www.ocn.me/v18n7.htm#tlwtf.

WWSD Assistant District Manager Randy Gillette said that in addition to regular line cleaning of accessible lines, WWSD has also been doing separate "backlot cleaning" in harder to access areas. This re-

quires bringing in a contractor with special equipment working in a more concentrated time frame, and that could send additional heavy concentrations of solids to TLWWTF that would also greatly escalate BOT test sample concentration results.

Burks asked Gillette to look at his activity records and let him know when WWSD had been cleaning so that Burks could compare that to the times WWSD has had very high surges in WWSD BOD test sample concentrations.

Burks said that when he started doing more BOD sampling this spring, he wondered if the source might be the brewery, but he said the BOD spikes do not always correlate with days that the TLWWTF headworks have a strong beer-like smell.

Gillette asked PLSD District Manager Becky Orcutt if she were concerned about PLSD's BOD approaching 79 percent of PLSD's share of capacity. She said she was watching to see if it were also related to PLSD annual collection line cleaning that is currently happening over several months or if it were a trend due to population growth within

the PLSD service area.

The next meeting is scheduled for 10 a.m. Sept. 11 at the Tri-Lakes Wastewater Treatment Facility, 16510 Mitchell Ave. Meetings are normally held on the second Tuesday of the month and are open to the public. For information, call Bill Burks at 719-481-4053.

Lisa Hatfield can be reached at lisahatfield@ocn.me.

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Triview Metropolitan District, Aug. 14

District continues to prepare for water, wastewater needs

By Jennifer Kaylor

In a move intended to bolster funds for significant future expenses, the Triview Metropolitan District board, on Aug. 14, reviewed and approved resolution 2018-02 for the Nov. 6 election. The directors continued discussion about the west interceptor, possible regionalization with Colorado Springs Utilities (CSU), and development of an Integrated Water Resources Plan.

Director Marco Fiorito was absent.

Triview is a Title 32 special district inside Monument that provides roads, landscaping, and open space maintenance, and water and sanitation services to Jackson Creek, Promontory Pointe, Sanctuary Pointe, and several commercial areas. The

Town of Monument (organized under Colorado Revised Statutes Title 30) provides land use planning, police, and general governance for Triview's property owners.

Steps taken to prepare for future expenses

Kimberley Crawford of Butler Snow LLC, hired by the district to ensure TABOR compliance, presented Resolution 2018-02 to finalize wording of Triview's ballot question for the Nov. 6 election. The directors suggested minor revisions to emphasize that the resolution does not increase taxes but requests permission to reallocate potential revenue generated from the district's current mill levy—and in excess of its debt service payment—to general operations,

maintenance, and/or capital acquisition purposes. At this time, all property taxes assessed by the levy are applied to debt service only.

Crawford reminded the board that the district cannot use public funds to advocate for the ballot question once the resolution is adopted. Approval of the resolution is the formal action to call the election.

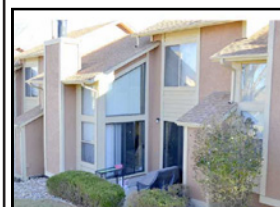
Crawford is also serving as the district's bond and disclosure counsel for issuing revenue bonds by the district's utility enterprise. The board approved the Engagement Letter for Revenue Bonds as presented. Background: the district is re-funding its \$4.3 million North Star Bank loan and \$6.3 million Key Bank loan through issuing new bonds that will most likely be finalized

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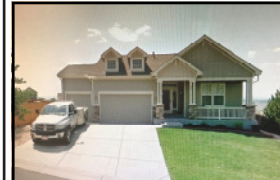
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Light/Bright Kitchen w/ B'Bar Tile Counters* Pantry* Great Cabinet Space* 2 Bed/2 Bath/2 Car* 1,210 Sq. Ft.* Great Room w/Wood Fireplace* Vaulted Ceilings* Two Master Suites* Large Loft/Office* Dining Room* Wood Laminate Floors* Unfinished Workshop/Storage Room can 3rd Bedroom* Private Patio* Storage* Views* Pool* \$205,000*



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