

entire year, but the fast pace of residential development in the district means that number likely will be exceeded, Shaffer said.

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The next meeting is scheduled for 1 p.m. July 14. Meetings are usually held at the district office at 1845 Woodmoor Drive on the second Thursday of each month at 1 p.m. See [www.woodmoorwater.com](http://www.woodmoorwater.com) or call 488-2525 to

verify meeting times.

James Howald can be reached at [jameshowald@ocn.me](mailto:jameshowald@ocn.me).

Tri-Lakes Wastewater Treatment Facility Joint Use Committee, June 14

## Change order requested

By Lisa Hatfield

The June 14 meeting of the Tri-Lakes Wastewater Treatment Facility (TLWWTF) Joint Use Committee (JUC) included approval of a change order for Tetra Tech's engineering on the total phosphorus (TP) chemical removal clarifier expansion project.

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 (WWSO).

The three-member JUC acts as the board of the facility and consists of one director from each of the three owner districts' boards: WWSO board Director at Large Rich Strom, president; MSD board Chairman Ed Delaney, vice president; and PLSD board and JUC Secretary/Treasurer Ken Smith. Other board and staff members of the three owner districts also attended, including MSD District Manager Mike Wicklund, PLSD District Manager Becky Orcutt, and WWSO District Manager Jessie Shaffer.

### Contract change order requested

Consulting engineer Mike Rothberg of Tetra Tech attended the meeting to answer questions about the letter that Tetra Tech sent to Facility Manager Bill Burks requesting a \$23,085 TP clarifier project engineering services change order. Rothberg said the construction changes were needed due to comments from the Pikes Peak Regional Building Department (PPRBD) during the building permitting process. This caused Tetra Tech to change design plans, obtain a permit, and make design changes to contract documents. The issues included:

- The building location in relation to the flood plain: PPRBD used a more recent FEMA 100-year floodplain map than what Tetra Tech used, and it was "easier and cheaper to put in the protection" (sections of foundation that collapse under flood pressures to allow water to flow under rather than collapse the foundation) than to go through the appeal process of modeling and presenting to FEMA that the facility's strength was adequate to withstand floodwater pressures.
- The need for an emergency generator to operate the attached storage building's ventilation system.
- The need to relocate the fire-water connection to the Town of Monument water system: The as-built drawings they used for reference did not reflect what was actually built.

In response to many questions from the members, Rothberg's comments included:

- We didn't know when the changes occurred to the FEMA floodplain map. But Tetra Tech did not have access to the final map at the time we were working.
- When Tetra Tech designs a facility, we are not perfect and we are not expected to be perfect under the law.
- If it doesn't rise to level of negligence, then it falls under what we would expect to be compensated for.
- We would advise a client during construction to plan

on 5 percent contingency, but this project is running below that. This has been a relatively smooth and straightforward process overall.

The consensus of the members was that Tetra Tech should have known about this issue sooner. The members voted to go into executive session at 11:05 a.m. to determine positions relative to matters that may be subject to negotiations, developing strategy for negotiations, and instructing negotiators. When they came back into regular session at 11:40 a.m., they voted unanimously to approve the \$23,085 change order request, "with the caveat that this should have been explained to us earlier without all this surprise," Delaney said.

Later in the meeting, Burks said there would likely be another change order regarding a culvert needed under Mitchell Avenue that was not included in the original design plans.

### 2015 audit approved

The members voted unanimously to approve the amended final 2015 audit that had been prepared by John Cutler of John Cutler and Associates LLC.

### Plant manager's report

Facility Manager Bill Burks reviewed the April discharge monitoring report (DMR). While there were a few minor issues, most results were well within the required parameters. He said overall the sampling seemed to be the same each month, "which is good."

Burks reported that construction was going well on the TP clarifier project and that he expected substantial

completion by the end of June as long as the weather cooperated.

The members discussed how close the final construction cost would be to both the budgeted and contracted amounts, and Burks said it appeared that the cost might come in low. The contracted amount was \$3.1 million, and the facility has paid \$2.89 million so far. He said he would

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