

Engineering and Operations Committee Meeting

Minutes

July 20, 2017

The E&O meeting convened at 1:30 P.M., Thursday, July, 2017, at the Lakeway Municipal Utility District's office located at 1097 Lohman's Crossing, Lakeway, Texas 78734-4459.

The following Engineering and Operations (E&O) Committee Members, General Manager (GM), and Board Liaison were in attendance:

Phil Lanier, *Committee Member (Chairperson)*,
Earl Foster, *General Manager, Lakeway M.U.D.*,
Jerry Hietpas, *Board Member and Board Liaison to Committee*,
Bob Rives, *Committee Member (Secretary)*,
Wayne Seime, *Committee Member (Vice Chairperson)*,

not in attendance was,
Beverly Carter, *Committee Member*.

The meeting's agenda had been distributed by e-mail to all committee members on July 19, 2017. The designated agenda for the meeting was:

1. Review CRU pay Application #5, and construction to date,
2. Review Capital Projects for FY 18, and discuss funding,
3. Review Progress of Serving Water to MUD's 11, 12 & 13,
4. Discuss Progress with Club Corp.,
5. Discuss OD Wastewater Marketing and Preliminary Engineering,
6. Discuss Sale of Land Progress,
7. L-1 Rehab
8. Review Tour Dates

Mr. Lanier called the meeting to order and Mr. Foster began with the introduction of agenda item number one. Mr. Foster said that the Contractor's Application and Certificate for Payment #5 was approved for payment to CRU, Ltd., subject to Board's final approval for the amount of \$189,000. The contractor is somewhat behind schedule and is projected to finish 24th August. Mr. Foster is presently checking on delivery dates of pumps.

Mr. Foster reviewed his proposed annual list of small capital projects for Board approval of Capital Expenditures for 2018 from the last meeting. He added to his project list to replace a server for \$9,000. Mr. Foster stated that he had earlier wanted to pay for this out of the yearly Capital Budget but in thinking ahead he would now rather take \$100,000 out of the Construction Fund for these smaller projects, which in doing so would keep the rates lower.

In a discussion of serving potable water to M.U.D's 11, 12, and 13, Mr. Foster said the raw water would come from our barge on the lake but we would have to add one or two more pumps to accommodate the increased volume. He said this would max out our barge capacity for number of pumps. To augment this additional water capacity we would substitute the extra water load from the existing LCRA contracts with M.U.D.'s 11 and 12. It was noted that Highlands and Rough Hollow areas have only distribution systems and are dependent on outside municipal utilities for water supplies. In a side issue Mr. Foster said that due to the invasive species of Zebra Mussels just discovered on Lake Travis, it will be necessary for L.M.U.D. to inspect our barge and intake pipes for any infestations of mussels or larvae. He suggested the use of a settling plate which could be easily lowered and checked from time-to-time to see if mussels have attached to the plate which would be reported to LCRA. He also said he is checking into using a low-voltage device that would disinfect the mussels and larvae. In regards to reuse water Mr. Foster said he was interested in building a 10-inch pipeline from the S-5 treatment plant and tie into the Highland's 6-inch line which would allow for the necessary pressure gradient from our plant to the Highland's service area. To meet requirements for treated-water disposal he mentioned that they were in agreement to set aside 100 acres of a cedar tract for the potential disposal, which hopefully would be juxtaposed to our small seven-acre tract that lies next to the PEC service station.

In reviewing item four Mr. Foster said that he met with Mr. Doug Miller in regards to the ClubCorp. selling of their Lakeway/Hills golf courses to an affiliate of Apollo Global Management and that he saw no basic changes to the irrigation and piping work envisioned by L.M.U.D. However, he said he would like more details and also for L.M.U.D. to consider the possibility of doing the same for Yaupon Golf Course. He would also like some kind of guarantee for his volume of water.

Mr. Foster then reviewed the out-of-district (OD) wastewater marketing and preliminary engineering saying that he would like to budget Ms. Stephanie Threinen for her marketing skills to help with the polling and edification of Old Lakeway homeowners. The committee agreed that we need a rough dollar cost for the project for people to consider within the next month or so. Perhaps it might also be good to establish a focus group of OD people to consider their ideas and concerns.

The Cedar Tract land sale item took a unique turn in that the tract is near the Balcones Canyon Preserve Land Management area and that our cedar-tract sales area may be within the golden-cheek warbler protected zone and this could re-define possible development guidelines. Presently L.M.U.D. is checking into the permitting issues and any guidelines that may concern us.

Mr. Foster suggested that he would like to move the lift station off the Lakeway airstrip and move it to the far Northside of the strip or to the Southside of Flamingo Blvd. and then lay

an underground pipeline next to the runway. This would help maintenance in that they would not be delayed in getting permission to work on the station which is presently located on private property. The costs would be about \$23,382 and be taken from the I&I Funds. The Board would have final approval. As far as the L-1 Rehab, L.M.U.D. has not gotten the results.

Mr. Foster notified the committee that he has arranged to have a plant tour next Wednesday, July 26th, which will start at 9:00 AM at the City Hall parking lot.

The next meeting was called for August 17, 2017 at 1:30 P.M. With no further business Mr. Lanier adjourned the meeting at 3:26 P.M.

The minutes have been read and approved by e-mail:

The minutes approved this 25th day of July, 2017.

Yeas __3__, Nays __0__, Abstain __1__.

Robert Rives, Secretary, E&O Committee, Lakeway MUD