

Engineering and Operations Committee Meeting

Minutes

March 21, 2019

The E&O meeting convened at 1:31 P.M., Thursday, March 21, 2019, 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 Chairperson*,
Paula Crawley, *Committee Member*,
Earl Foster, *General Manager, Lakeway M.U.D.*,
Bob Rives, *Committee Member (Secretary)*,
Wayne Seime, *Committee Member (Vice Chairperson)*,
John Sayre, *Board Member and Board Liaison to Committee*.

The meeting's agenda had been distributed via *BoardBook* to all committee members on March 20, 2019. The designated agenda for the meeting was:

1. Review Capital Projects,
2. Discuss and Review Capital Expenditure List,
3. Other Business, OD WW, Zebra Mussel Update, and Tank Painting.

Mr. Lanier opened the meeting and Mr. Foster said that the committee now has access via *I-Pad* or *ChromeBook* to *BoardBook* and that passwords have been issued to members. In agenda item one Mr. Foster presented his future capital improvement items. He said he has six items of which the first one would be to replace A-Plant with the Trident Plant in order to increase capacity. He is still researching this item and also needs to figure out a dollar amount. His item two is to add a recovery tank near the water plant saying this is needed now, as there are low-pressure problems. Also, he would like future capital to replace the elevated storage tank E-3 by the World of Tennis with a .5 million gallon storage tank and next on the list was a hydro system at Eagle. Additionally, the impoundment ponds at I-4, I-5, and I-6 have liners that are now 18-years old and will need to be replaced in the future, thus money needs to be allocated in the future for this work. Regarding another future capital improvement Mr. Foster said that the pond (I-5) juxtaposed to the Highlands Blvd will have no place to put water during liner repairs and it needs a place to put the pond's water when we replace its liner. In this regard he presented a map within this area showing where LMUD has land and suggested that there is an ideal triangular area between our property and the elementary school. This triangular area is owned by The City of Lakeway and has a higher elevation than our reservoir pond which means the water

would need to be pumped upwards to the sight; however, gravity would allow the water to re-enter the pond. Mr. Foster suggested that it might be possible to trade some of our land within this area for that piece of city property.

The next item on the agenda was a discussion and review of the Capital Expenditure List dated January 2019. The list shows budgeted items that have Board approval and the “total spent” versus “unspent” indicates that Mr. Foster needs to close out some items and reclassify the left over money for other jobs. The list needs to be updated before presentation to the Board. Generally some of the items are still in progress, such as the re-painting work on the storage tank, the raw water chemical feed, SCADA, and replace servers. But some of the unused monies on completed projects need to be reclassified to other jobs, such as the B-4 Electrical Line Reinforcement, and he will need Board approval to replace servers with \$13,652.45. The committee motioned and concurred with unanimous approval that the Capital Expenditures 2019 should be reclassified and approved by the Board.

In other business Mr. Foster said that the pump that will dispense the chemicals to unclog the pipes of Zebra Mussels were received. He is now seeking bids for divers to clear the pipes of any attached mussels along with a general inspection. It is considered possible that the Zebra Mussels can survive in deeper waters in Lake Travis most likely because we have warmer weather and perhaps more sunlight penetrates to deeper depths. There followed a discussion on what happens to the dislodged mussels and their “villagers” after they are chemically treated. Mr. Foster said that the dislodged mussels would be filtered out by the water treatment system and any “villagers” would be killed during the chlorination cycle. The question was how we know that the microscopic “villagers” would be killed or if they are passed on through the potable water system their effect thereafter. It was viewed that the “villagers” should be dead and thus non-harmful and that we know of no test requirements that would administer what happens after going through the treatment and filtering process. It was viewed such test requirements would be the prerogative of the State. Mr. Foster said he would check with TCEQ to see if they were studying this and/or should they have any advice in this regards. In other business Mr. Foster presented and commented on a map of the OD’s wastewater pipelines layout, lift station along with the course of the 10” pipe to the plant. He added that he would be meeting with the Live Oaks Golf Course on March 22, for their input to easements for the OD WW at the golf course. The E-2 tank painting on Rolling Green is in progress and Mr. Foster told the committee that they were presently considering the size of the logo for the tower.

The next meeting was scheduled for Thursday, April 18, 2019, at 1:30 PM. With no other business Mr. Lanier adjourned the meeting at 3:00 PM.

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

The minutes approved this 26th day of March, 2019.

Yeas 4, Nays 0.

Robert G. Rives, Secretary, E&O Committee, L.M.U.D.

