

Engineering and Operations Committee Meeting

Minutes

July 21, 2016

The meeting was convened at 1:34 P.M., Thursday, July 21, 2016, 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:

Don Walden, *Chairman*,
Beverly Carter, *Committee Member*,
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*.

The meeting's agenda had been distributed by e-mail to all committee members on July 18, 2016. The designated agenda for the meeting was:

1. Final Clear Well Project,
2. Discuss S-5 Reuse and I-4 Underdrain Process,
3. Other Items.

Mr. Foster began the meeting saying that the Clear Well Project is being wrapped up. He noted that a couple of the pumps were still leaking and that Excel Construction would have to replace the seals; however, instead of using mechanical seals cartage seals have been proposed to solve the problem. Mr. Foster pointed out that Eagle E-1 tank is now off-line. Eagle was the storage and booster pumps that transferred water to the West Upper Pressure Plane, bypassing the Lower Pressure Plane, whereas now high-service pumps located at Clear Well are dedicated to transferring water direct to the E-3 Tank in the West Upper Pressure Plane. Presently L.M.U.D. is placing pressure gauges on certain hydrants in order to obtain calibration data for their modeling and to determine if we can function without Eagle, or at least requiring a smaller tank.

Regarding item two of the agenda (a schedule for S-5 reclaimed-water system improvements and the underdrain project), Mr. Foster said the bid advertisement would be issued locally and the date selected would be August 8, 2016. The second advertisement would occur on August 15, and a pre-bid conference on August 17. The actual bid opening would be scheduled for August 25 and awards to occur on September 14, 2016. These dates, he said, slipped from his original intention due to vacation schedules and scheduling a city review. Mr.

Foster noted that the earlier city request for bathroom expansions had been withdrawn from the bids.

Lastly, other items were then discussed by the committee especially involving future treated waste-water expansion issues with S-5 and the impending irrigation system to the Highlands. Thoughts were expressed about freeing up 53 acres in Cedar Tract II by exploring additional commercial reuse-water options in the Eastern area where L.M.U.D. has already identified potential customers that would warrant sufficient reuse-water usage that could supplement any need for the cedar tract. There were discussions concerning the old interconnect line with District 17 and how to better utilize our resources. The committee also talked about the possibility of supplying treated water to homes that are adjacent to the two golf courses. There were further discussions regarding the mutual benefits between the golf courses usage of treated water for irrigation and the possibility of looking for added creativity within the operational synergisms between us.

Committee members asked Mr. Foster about the cause for the recent Rough Hollow's call for residents to boil their water because of service problems, and if this was in anyway due to L.M.U.D; he responded that our system only supplies water to the north side of the main bridge and the trouble was 100% due to West Travis PUA's problem located south of the bridge. It appeared that the water level in one of their supply tanks was allowed to fall too low.

As a last item Mr. Foster mentioned that he will take to the L.M.U.D. Board a request to replace 26-fire hydrants and install adjacent valves over the next three years. Unfortunately some of these hydrants are now 40-years old and we can no longer get parts for them. Obviously, it is critical to all home owners that we have the most up-to-date hydrants and maintain full accreditation with the fire department guidelines. He said this would be a capital expenditure of about \$75,000.

The next scheduled meeting is for August 18, 2016, at 1:30 PM. With no other business the meeting adjourned at 2:33 P.M.

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

The minutes approved this 26 day of July, 2016.

Yeas 4, Nays 0, Abstain 0.

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