

# Engineering and Operations Committee Meeting

## Minutes

**February 18, 2016**

The meeting was convened at 1:32 P.M., Thursday, February 18, 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*,  
Earl Foster, *General Manager, Lakeway M.U.D.*,  
Jerry Hietpas, *Board Member and Board Liaison to Committee*,  
Bob Rives, *Committee Member (Secretary)*,  
Pat Rossmiller, *Committee Member*,  
Wayne Seime, *Committee Member, and*

Beverly Carter, *Committee Member*, was not present.

The meeting's agenda had been distributed by e-mail to all committee members on January 16, 2015. The designated agenda for the meeting was:

1. Construction Update,
2. Update on Lift Station Work,
3. Vac-tron Purchase (Reference Bids),
4. Extension of Service for 22.416 Acres,
5. Belmont Village.

Mr. Foster began the meeting with an update on the W-3 WTP HSPS construction project. The Castleberry Engineering Construction Progress Report of February 16, 2016, was circulated. He noted that the construction project was now at the tail end. The raw-water pipeline and high service pump were started up and the Eagle ground storage was shut down while they monitored the pressure. Pumps are also on line. Mr. Foster said the project is still within budget and he is waiting until next month for the final payout. After inspection it was discovered that the raw-water piping supports were not constructed as originally designed and solutions are presently being worked on. During shipment some of the Variable-speed Frequency Drive (VFD) components were damaged due to inadequate securing of the upper mounting bracket, and the VFD panels were manufactured with unnecessary openings between the main panel and access panel. The contractor repaired and gave us one extra year warranty; however, the M.U.D. has asked that the warranty be extended to two years. At the final meeting between Lakeway M.U.D. and the contractor, both parties plan to go over "lessons learned regarding the project" for future understanding.

A quick update was presented on the Lift Station work. After a general maintenance inspection it was found that some of the check valves were getting rusty and needed replacing. The first station has now been worked on resulting in a pipe and check valve being replaced. Mr. Foster showed pictures of a M.U.D. worker inside the valve vault. Downhole vaults can have a toxic atmosphere; as such, M.U.D. isn't complacent about the safety of its workers. During these operations the worker is secured to a tether line and air is pumped into the vault. By doing this work ourselves, Mr. Foster figures we will save about \$3,000 per repair (this includes labor). This work will be ongoing over several years until all 23 lift stations are in good order.

The next item on the agenda was regarding a vacuum trailer for hydro-excavation work. Mr. Foster showed three bids: a Ring-O-Matic 550, a FX30, and the McLaughlin VX30. He noted that the McLaughlin VX30 is Vermeer which we had troubles with and, additionally, he got a bid for an air unit which proved too costly. The lowest bid was for the Ring-O-Matic 550 which Mr. Foster recommends. Mr. Foster said that we'll receive a check for \$21,800 for depreciation costs for the damaged Vermeer V500 vacuum trailer from Texas Municipal Insurance (TMC). If we place the order for a new trailer now we should have the replacement within two months. Mr. Foster will use the insurance money plus transfer about \$23,000 from the Capital Expenditure/Special Projects account under *Building Repairs* to cover the full costs of the new trailer.

Mr. Foster will apply for a service extension for the 22.416 commercial acres within the sale property in a proposal to TCEQ. He said he would not use a Certificate of Convenience and Necessity (CCN) as that would take at least nine months to process. He didn't feel the need for this as no one else can readily service the area which we have control over. He has verbal okays from District 17 and the Hills indicating they weren't interested in servicing this particular acreage.

The last issue was the Belmont Village to be located at 107 Bella Montagna Circle and north of RM 620. The property is just east of Hole-3 on Yaupon Golf Course. Belmont Village will be a four-story assisted living facility with 162 units on about five acres of land. The land is within District 17's control but in order to supply waste water they will need a 16-inch waste-water line that would have to be dug under RM 620. By using Lakeway M.U.D. and our engineers they will save substantial costs by not having to route a pipeline under RM620 and also save on the cost of a lift station.

The next scheduled meeting is for March 17, 2016 at 1:30 PM. With no other business the meeting adjourned at 2:20 P.M.

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

These minutes approved this 23<sup>th</sup> day of January, 2016.  
Yeas 5, Nays 0, Abstain 0.

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