

## E&O Committee Meeting Minutes

Wednesday December 1, 2010

**Attending:** Ike Herrick, Jacob Angelo, Frank Black, Jerry Hietpas, Karl Ansbach, and Earl Foster

The meeting consisted of the following agenda: CIP Projects update, Reuse Study and discussion of consulting engineers. There was one recommendation to the Board.

### **CIP Projects Update:**

**Agenda Item #1 – Odor Control Status (Tallstar and L-1):** Projects are waiting on a blower due to late delivery. It was recommended that the engineering costs be included with the pay application, in order to understand total expenditure of project.

**Agenda Item #2 – District 17 Water Interconnect:** Project 100% complete except the rollup door needs to be powder coated to prevent surface coat from deteriorating. A new rollup door is on order to replace the existing rollup door. A water test confirmed that LMUD can receive water from District 17 without any problems. However, returning water to District 17 by gravity flow does not work as well due to an elevation difference between LMUD and District 17 tanks. To fill District 17 tanks above 65 feet level requires a pump and manually operating a valve. The initial concept was to automate this process and the committee agreed to automation. The cost of automation will be approximately \$8000 for the valve, \$1500 for the installation and \$1500 for the electrical. Foster will determine if funds are available in budget and authorize within his financial authority.

**Agenda Item #3 – M-2 Building:** The building package submitted to the City of Lakeway for a second review was rejected due to an issue with a 3-way electrical switch. Foster will meet with personnel from the City to resolve the problem in order to get City approval for the project and move forward with bid application.

**Agenda Item #4 –** The S-5 to S-4 pipeline is inefficient. One potential solution is to construct a reuse line (about 10,000 feet long) which would run from S-5 to the Yaupon pump station. This would allow us to transfer water from I-5 to I-4 or I-6 more efficiently.

**Agenda Item #5 –** LCRA is selling their water facilities. There was discussion on whether LMUD should purchase the LCRA barge. Current interests in the barge are LMUD, Hurst Creek, Travis County #11 and Lakeway Rough Hollow South. No decision was made at the meeting.

**Agenda Item #6 – Reuse Study:** Proposed Reclaimed Water Implementation Plan. A grant proposal was made to regionally study how the various MUD districts are maximizing the beneficial use of treated effluent. LMUD is already doing most of the items being proposed to redistribute reuse water, such as supplying it to the golf course. Therefore, it was agreed that LMUD should evaluate their facilities to determine maximum distribution of reuse water, to conserve potable water and possibly free up cedar tract acreage for other use. This will require an outside engineering firm to complete a feasibility study for the District.

**Recommendation:** The committee recommended that the District not participate in the proposed regional study of alternative uses for reclaimed water, but instead evaluate their system in an independent study.

**Engineering:** The Committee agreed with Foster, future projects should be bid, rather than rely upon a single engineer for the District. Potential candidates will be interviewed by Foster and the E&O Committee.