

**Present:** Bill Zoslocki, Vice-Chairman, City of Modesto  
Nick Blom, Board Member, MID  
Mayor Ted Brandvold, City of Modesto

**Absent:** John Mensinger, Chairman, MID  
Doug Ridenour, Councilmember, City of Modesto

**DRAFT**  
**DOMESTIC WATER POLICY COMMITTEE**  
Meeting Minutes  
August 4, 2016

**Item  
No.**

**1. Call to Order**

Chairman John Mensinger called the meeting to order at 8:37 a.m.

**2. Roll Call**

Board Member Nick Blom was absent. Mayor Ted Brandvold took the place of Councilmember Doug Ridenour. A quorum was present.

**3. Public Comment**

None.

**4. Approve Meeting Minutes – July 7, 2016**

Vice-Chairman Zoslocki called for a motion to approve the meeting minutes of the July 7, 2016 Policy Committee meeting. Mayor Brandvold seconded the motion. The motion passed unanimously.

**5. Domestic Water Project Update (Pat Ryan)**

Pat reviewed that the conventional plant is producing 30-35 MGD and running well. Testing of the membrane plant has started and is also going well. The turbidity spikes that were experienced last November and December were suspected to be coming from the pumps that were installed as part of the filtration system. By isolating those pumps we have managed to eliminate the majority of the spiking. We are very pleased where we are with the membranes. Pat continued that he had discussions with the Department of Drinking Water and sent them information that had been collected. They have asked for additional information and he is in the process of sending a package back to them. There are several issues remaining, but getting close to running the membrane plant. All appurtenances with the membrane plant were disinfected and took our bacteriological samples. All samples came back clean, and the state is ok there.

Pat also discussed that we had been running in bypass mode. That is where the energy savings are realized. It was taken out of bypass mode during testing of the membrane plant because the membrane plant requires more attention from the operators. We tried to put it

back into bypass mode this week and found there was air in the pipeline that we're going to have to let work through the system. Small air bubbles show up as turbidity. The air stays entrained so we switched back to flow through mode until we can get the air out of the pipeline. The flow through mode goes into the tanks and then gets pumped out. So while the water is sitting in the tanks, it allows the air to come out of solution and doesn't show up as milky water at the customer's tap. We hope we can go back into bypass mode tomorrow. Based on Carollo's estimate, it is nearly \$1,000 per day in electrical savings by going through the bypass and we want to run that as much as we possibly can.

Pat reviewed that last month he had discussed media leaking through two filters. He has since had several conversations with the supplier of the filtration equipment and felt that a very low cost solution was found to allow the filters to limp along for a few years since rebuilding of the filters is scheduled to begin in 2019. The supplier suggested that from the top of the filter start running backwash water through the bottom of the filter to allow the media to float up. He continued that a pipe can be put down in the filter to pour gravel, which is what has been disturbed at the bottom of the filter. Then it can be moved around to refill the holes. It won't be perfect, but because there's no gravel, something will be better than nothing. When the time comes, the two filters that are leaking media would be the first to be rebuilt. We are going to give that a go at the end of the summer and see how successful it may be.

#### **6. Approve 2017 Domestic Water Budget**

Pat reviewed that in the Administration budget there's an overall change of -\$52,000, due primarily to Outside Services related to the Rim Fire Study. The Domestic Water A&G has normal increases. He continued that the A&G is MID's overhead for maintaining the operation of the plant. In the Operations budget we see a fairly significant increase primarily due to 2016 when we knew the water allocation was going to be slim, we reduced the budget for chemicals, electricity and raw water to reflect that we would be making less water. In 2017 with the much higher allocation, we will be going back to near full production so the numbers all came up in those categories.

Chairman Mensinger asked if the budget year was a calendar year. Pat responded that the budget is on the calendar year, but water allocation happens on a water year which begins May 1. It is not easy to match it up because of that differential.

Pat continued that regarding the Laboratory, normal percentage increases are due to inflation. Maintenance is the same other than looking to finish up coating of the TR tank. They are staged by doing the outside in 2016, then the inside the following year. The inside is more expensive in order to take it down to bare metal and then putting the new coating on. On the outside it is just a hydroblast to expose the surface that the new coating can adhere to. The extra work involved in recoating the inside is what drives the increase in 2017.

The overall percent increase from 2016 to 2017 is 9.6%, primarily due to the increased cost in operations and the cost of production.

Vice Chairman Zoslocki asked how this compares to previous years when we had more water regarding the budget and chemicals. Pat stated that the increase is due to normal inflation, but should track fairly closely. He continued that in the Administration budget, Outside Services dropped 28%. He confirmed this was the reduction in the Rim Fire Study.

Chairman Mensinger called for a motion to approve the Domestic Water budget. Vice-Chairman Zoslocki moved to approve and was seconded by Mayor Brandvold. The Domestic Water budget was adopted.

**7. Review Policy Committee Meeting Frequency and Locations**

Pat reviewed that at the last meeting, Vice-Chairman Zoslocki asked if monthly meetings were necessary now that the construction is done at the Plant and the need for monthly meetings has passed. Pat added that the Policy Committee used to meet on a quarterly basis. The ARDTA states that the committee must meet at least twice annually. Both Pat and Will Wong felt quarterly meetings would be sufficient, and it was decided to bring back up for discussion. It is up to the Committee to decide whether to continue to meet monthly, quarterly or twice per year. Vice-Chairman Zoslocki confirmed that because the construction is well passed, he felt every other month or so was sufficient . It was agreed that meetings would be scheduled quarterly going forward. However, if special issues arose a meeting could be called. Chairman Mensinger confirmed that he would be out of the country for first two weeks of October and felt that meeting at that time would make it approximately the end of the quarter.

It was noted to schedule the next meeting after October 17. Upon review, keeping with the same day of the week, October 20 at 8:30 would work for Chairman Mensinger, Vice-Chairman Zoslocki, and Mayor Brandvold.

**8. Other Items Discussed**

After the August 4, 2016 Agenda was published, the Policy Committee Secretary was informed by the City that Mayor Ted Brandvold would be permanently taking the place of Councilmember Doug Ridenour on the Committee.

**9. Proposed Future Policy Committee Meetings**

- October 20, 2016 at 8:30 a.m. in the MID Board Room.
- January 5, 2017 (location to be determined)

**10. Adjournment**

The meeting was adjourned at 8:55 a.m.