

# DOMESTIC WATER POLICY COMMITTEE

## Meeting Minutes

April 7th, 2022

### 1. Call to Order/Roll Call

Foster called the meeting to order at approximately 8:35 a.m.

#### Present:

Modesto Irrigation District (MID): Stu Gilman

City of Modesto (COM): Sue Zwahlen

City of Modesto (COM): David Wright

#### Other Attendees:

Ed Franciosa, MID

Josh Foster, MID

Salena Brennan-Estrada, MID

Wilson Chalabi, COM

Jessica Stillwell, MID

Jennifer Wright, MID

Jeremiah Loveland, MID

### 2. Public Comment

N/A

### 3. Approve October 21, 2021, Meeting Minutes [[Action item](#)]

Zwahlen called for motion to approve minutes. Moved by Wright and seconded by Gilman. Motion carried.

### 4. Domestic Water Project Update:

#### Production Totals:

Current production total for the 2021-2022 water year through March 30<sup>th</sup> is 24,758 AF.

Previous year at this time was 26,920 AF.

Conventional plant has averaged 18 MGD.

Membrane plant has averaged 5.6 MGD.

Total average delivery for both plants was 23.6 MGD.

MID delivered above target in peak demand summer months as requested by the City. If historical averages hold, projections show us finishing the water year ~27,050 AF which is roughly 94% of the allocation (28,802 AF).

2022-2023 water year is capped at a 30" allocation which equals 24,002 AF. This is a 6" reduction or ~4,800 AF from previous year. Averaged out, this equates to roughly 21.5 MGD. MID will be working closely with the City to develop an appropriate plan that balances deliveries throughout the water year with a focus on peak summer demand. MID prefers to leave enough allocation for the winter months to allow continuous operation of the treatment facilities even if at a reduced rate as it minimizes water quality concerns.

#### Operations:

Completed annual Back Flow Prevention testing in January; one device replaced. Annual State Sanitary Survey completed on March 23<sup>rd</sup>. Final report expected sometime in May, but no immediate findings were presented. Drained/Cleaned floc sed basins, membrane raw water head tank, solids thickener and both DAF units. Membrane fibers were sent out to be autopsied to determine our primary foulant. Results showed iron/manganese along with small amount of biofilm. Fouling was superficial and easy to remove using specific chemistries. Fibers overall in good shape with a life expectancy of another 3-5 years according to the study.

#### Staffing:

Currently recruiting for a Clerk III part-time position. Previous clerk has taken a full-time position in the purchasing department. New senior operator will be starting on April 18<sup>th</sup>. This fully staffs the plant from a head count perspective although we have had to underfill one senior operator position with an apprentice. Plant is still vulnerable to unplanned shutdowns, but overall relief coverage of the plant is improving with the recent recruitment efforts. Focus is to get staff trained as quickly as possible. Maintenance department remains adequately staffed. Currently recruiting for one permanent lab technician. One temporary technician was brought on in March to provide additional support for the new ELAP TNI implementation as well as cover for an upcoming extended LOA.

#### Maintenance:

Over 34 items addressed during the 2-month long periodic shutdown schedule from 12/30/21-2/21/22. Some of the items addressed were:

- (4) treated water delivery pumps fully rebuilt
- DAF saturator media replaced, units drained/cleaned and inspected.
- Calibrated influent/effluent valves for both conventional & membrane plants.
- Performed numerous distribution valve exercises as required by our permit.
- Replaced all back up batteries on automated valves.
- Number of tank calibrations performed
- Replaced admin building boiler (capital)

While all this work was being completed, the maintenance staff stayed current with their daily preventive maintenance tasks/schedules.

#### Projects:

Carollo Engineering is performing an operational and staffing assessment for the MRWTP. The purpose of this assessment is to develop a plan and make recommendations to address both short- and long-term operational needs. This includes an analysis of current and future staffing needs to enable efficient, and most importantly, continuous plant operations. Project kicked off on February 9<sup>th</sup>. Documentation review and staffing interviews concluded on March 4<sup>th</sup>. Draft summary expected by April 8<sup>th</sup>. Workshop planned for around April 15<sup>th</sup> to review draft summary with an expected final draft due sometime early May.

Jacobs Engineering is assisting us in a chemical automation/recording project that will satisfy State requirements to accurately record and report chemical usage by each plant/process. This is a multi-year phased project. Project kicked off on July 22<sup>nd</sup>, 2021. Preliminary Basis of Design Report (BODR) received on Dec. 28<sup>th</sup>, 2021. Revised BODR provided on Jan 7<sup>th</sup>, 2022. Site visit took place on March 9<sup>th</sup> to finalize instrumentation and electrical needs. 90% design report expected around July with procurement of components to start shortly afterwards.

5. **Proposed future meetings:**

October 13th, 2022, at 8:30 a.m.; location TBD

April 6th, 2023, at 8:30 a.m.; location TBD

6. **Items too late for the agenda:**

With Board member Paul Campbell now joining the committee, Foster proposed adding an action item to the October agenda to re-nominate for the Chairman and Vice Chairman positions. Committee agreed to add the item to the agenda.

7. **Adjournment:**

The meeting was adjourned at approximately 9:08 a.m.