

**MINUTES  
REGULAR MEETING  
WATER PLANNING COMMITTEE**

EVMWD BOARD ACTION  
 APPROVED  
 APPROVED AS AMENDED  
 DENIED  
 CONTINUED

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**April 16, 2019**

The Regular Water Planning Committee Meeting was held at its principal offices at 31315 Chaney Street, Lake Elsinore, California.

Directors Present

Andy Morris (Chair)  
Darcy Burke

Staff Present

John Vega, General Manager  
Robert Hartwig, Assistant General Manager- Business Services  
Christy Gonzalez, Executive Assistant/Deputy Board Secretary  
Jason Dafforn, Director of Engineering and Water Resources  
Margie Armstrong, Director of Strategic Programs  
Jase Warner, Director of Operations  
Parag Kalaria, Water Resources Manager  
Mike Ali, Water Quality Administrator  
Jesus Gastelum, Sr. Water Resources Engineer/Planner  
Tim Collie, Water Operations Manager

**CALL TO ORDER**

Director Morris called the meeting to order at 9:00 a.m.

**PUBLIC COMMENTS**

The meeting was opened to public comments and there were none.

- 1. Overview of Recycled Water System** – Mr. Kalaria presented on the Recycled Water System Service Area, which is 100% beneficial use. Three segments were reviewed starting with the Railroad Canyon Recycled Water System Area. The Railroad Canyon Water Reclamation Facility average flow is at 0.67 mgd. Flows were increased after a diversion was built, balancing our supply and demand. In the past we had to supplement with potable water, but now we are able to stabilize our supply and demand balance minimizing the use of potable water. The plant has 5 pump stations, 3 of which pumps water to the Canyon Hills development, and the other two service the Canyon Lake Golf Course and the Canyon Lake POA. We have an agreement in place with EMWD just to meet peak demands during summer months to serve the golf course providing 320 AF per year. Director Burke asked about the location of the wastewater diversion

which Mr. Collie responded that it was at Via De La Valle in Canyon Lake. Mr. Parag further explained that the pond is the source of supply for not only the golf course community but also the City. Director Morris clarified that we do not have any connection to EMWD for backup, our only option is potable water. During the wet season, the excess flow was sent to Regional.

The Wildomar Recycled Water System was then reviewed. Currently flows are sent in the amount of 0.8 mgd to RCWD. That recycled water is conveyed to us from EMWD through the TVRWRF and the Temecula Water Reclamation Pipeline. There are 4 turnouts utilizing recycled water. Mr. Vega clarified to Director Burke that EMWD is the conveyor. Mr. Kalaria continued that the demand is 0.8 mgd, with no loss.

The Horsethief Recycled Water System was explained. Currently the Plant is at 0.5 mgd capacity, with average production of 0.36 mgd. This system services the community in Horsethief. Ms. Armstrong explained that one of the four developers will be building a recycled system. Extra water will be sent to the ponds. As the developers are in the planning phase, we are working with them to install a recycled water system. Director Morris is concerned that since the cost to build is high, a recycled system may not be considered. Ms. Armstrong explained that they would have to either plumb potable or recycled. Director Morris questioned if we are short right now on recycled water. Mr. Kalaria responded that we are not. Director Morris mentioned that Summerly Golf Course Representatives approached him regarding more water in the ponds. We may want to approach them about purchasing any extra water.

2. **Key Water Quality Parameters** – Groundwater quality was discussed. Based on the previous quarter, we are in compliance with arsenic. TDS of the distribution has been consistent over the past 16 months. Canyon Lake was showing a decline of 35% in TDS. For the month of February, we are taking about 75% from AVP. The CLWTP is currently running. Director Burke requested another plant tour of the CLWTP. The Regional effluent water TDS levels has been under objective with Railroad slightly higher. At the HTCWRF the objective is higher, with TDS levels under the objective. Eastern TDS numbers for February are slightly erratic due to the rains.
3. **Water Resources at a Glance** – Mr. Gastelum explained the lake water levels, with Canyon Lake elevation at 1381.6 feet and Lake Elsinore at 1241.5 feet. In terms of the simulation for Canyon Lake, under average conditions we should always be above the contractual elevation through April 2021. Imported water reliability was reviewed. About two weeks ago we had an increase of 70% of Metropolitan allocation. Reservoir levels were reviewed. Lake Mead is still low. Water production and drought stage was reviewed. February was a very wet month. Director Burke questioned the zero well production in February. Mr. Warner explained that some of the wells had discharge to lease problems or were under repairs. February was showing a high reduction in consumption. Domestic inefficient water usage stayed the same from the previous year, with

excessive showing less due to the rain. Director Morris requested that future graphs include acre feet in excessive, along with the number of customers within that tier.

Director Burke asked in terms of the GSA, if there are plans or discussions to meter the private well owners. Mr. Kalaria replied that this is part of the GSA outreach effort that we are doing. Based on what is known today we are pumping 99% from the aquifers.

4. **Operational Statistics** – Mr. Collie reported on operational statistics through the end of February 2019. Water production includes 1,535 AF from the wells, 938 AF from the Back Basin WTP, zero from the transfer from Coldwater Basin, however, Mayhew came back online last night and should be discharging into the TVP system. Imported water totaled 12,857 AF with a total production of 15,330 AF. The cost per AF was reviewed. Average cost was \$1,032 for total production. The water loss report showed 0.2% through the end of February.
5. **Other** – None
6. **Consider Items for Board Review**- None.
7. **Adjournment at 9:50 a.m.**