

**MINUTES
REGULAR MEETING
WATER PLANNING COMMITTEE**

EVMWD BOARD ACTION
 APPROVED
 APPROVED AS AMENDED
 DENIED
 CONTINUED

January 21, 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
Brian Macy, Assistant General Manager- Engineering, Ops & Water Resources
Jason Dafforn, Director of Engineering and Water Resources
Robert Hartwig, Assistant General Manager – Business Services
Terese Quintanar, District Secretary
Mike Ali, Water Quality Administrator
Parag Kalaria, Water Resources Manager
Jase Warner, Director of Operations
Jesus Gastelum, Sr. Water Resources Engineer/Planner
Tim Collie, Water Operations Manager
Greg Morrison, Government Relations Officer
Shane Sibbett, Civil Engineer
Andrea Kraft, Engineering Project Coordinator
Sudhir Mohleji, Civil Engineer
Matt Bates, Engineering Manager

CALL TO ORDER

Director Morris called the meeting to order at 3:30 p.m.

PUBLIC COMMENTS

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

1. **Department Employee Recognition Program-** Ms. Kraft described the Program, developed by staff to relay appreciation and value. Christina Bachinski received the most recent GEM award.
2. **Overview of the Local Groundwater Basins Including Management and Planning Activities** - The Integrated Resources Plan (IRP) was done in house, by our knowledgeable staff. The document identified available water supply options to decrease dependency on imported water. Numerous projects were

evaluated and prioritized. The Temecula Pauba Basin is adjudicated. Elsinore Basin is our best basin, with ten wells. The Elsinore GSA includes Elsinore, Warm Springs and Lee Lake and it is rated medium priority. The JPA is the GSA for the Coldwater Basin and that basin changed from medium to low priority and is no longer required to create a DRP. Warm Springs has one well. Lee Lake wells were ag wells. The Coldwater Basin has the Temescal wells and the Bedford Basin includes Corona.

The wells in the Back-Basin area include Summerly, Diamond, Corydon and the Cereal Wells. Summerly and Diamond are recharge wells. These wells are used to store water for the Conjunctive Use Program. We do not have a well that only injects water. As part of the SARCUP, we provide in lieu option for water in exchange for well capacity. Answering Director Morris, there are always issues with injection; we have the ability, but it is not the most feasible with the treated water because we have the "In Lieu" option. The North Basin includes Terra Cotta, Joy Street, Machado and Lincoln Street Wells. Answering Director Burke, Mr. Kalaria stated we have no above ground CUP storage. The Warm Springs Basin was studied and was found to be very shallow. Only the area near the Cemetery Well is an option for a new well. The Lee Lake Basin water quality was tested, and staff is looking into drilling a well in that area. The project will be called Lee Lake Wells. The Coldwater Basin is also shallow, but there is a good bank of water. Bedford includes EVMWD and the Temescal Valley Water District.

3. **Key Water Quality Parameters** – Mr. Ali reported that our system is considered to be a large system and requires extensive testing and compliance with regulations. The mix of sources are groundwater, surface water, imported water and shallow aquifers that produce some water. Arsenic levels are below the MCLs. Blending facilities help provide the best water quality. Distribution system TDS is tracked by sampling and remaining under 500 mg/L. Back Basin Plant has been producing. TDS has been averaging 400 mg/L. There was a drop in the TDS of the AVP supply. Groundwater wells dropped slightly as well. Regional and Railroad WRF effluent levels have declined also. Horsethief has been stable. EMWD's supply has been steady. Staff tracks various sources to optimize the blending. Staff also tracks TDS in recycled water from the RWRF and RRCWRF. Both plants are meeting the objective. Horsethief TDS levels are much lower than the objective. EMWD sells reclaimed water and have high TDS.
4. **Water Resources at a Glance** – Mr. Gastelum reported that Canyon Lake elevation increased 1.3 feet from the recent rainstorm (700 af). The simulation for the next two years shows the water levels at five feet above the minimum contract level, pumping at 2.5 mgd. Lake Elsinore rose one foot from the recent rain (3,000 af). Lake Elsinore's level is expected to be the same in five years as it is at this time. The rainfall last week brought the storage up to 100% (5.5 inches). State reservoirs are at 55% of capacity. Water production was 2,600 AF in November and Residential GPCD was at 94. Excessive water use has

increased 1.8%. Director Burke mentioned it would be good to know of the extra water use needed for clean up by Holy Fire prevention and debris flow.

5. The Asset Transfer Agreement gives us transmission from the Mills Plant to the TVP. We have 54% remaining. The Ag system in the Temescal area was losing 28%. TVWD is now using that system and that freed up the Flagler Wells for potable use.
6. **Urban Water Conservation** – Mr. Gastelum reported that we have a total decrease in consumption of 14%. This is more than 3,000 af per year in savings. We are trending and looking very good regarding water conservation. Director Morris asked how our neighboring districts are trending regarding conservation levels. Staff responded that we are trending similar to WMWD and EMWD.
7. **Operational Statistics** – Mr. Collie reported on Elsinore Water Production, including two wells: Coldwater Basin water is pumped into the Elsinore Basin through the Mayhew Well. No water has been exported due to the Mayhew Well being down. Overall imported water for the area was 10,462 af. WR31 water was purchased for Canyon Lake. Cost per acre foot is \$318 af for wells, \$671 for Back Basin WTP, Imported water is at \$1,055 af. Director Morris asked what production and cost we are aiming for with the CLWTP. At 2.5/3 mgd, the cost per af comes down. Director Burke requested a tour of the Horsethief Canyon and Back Basin Plants. The Temescal system has water banked in the ground and we have the ability to pump more water to export to the Elsinore area. There was 249 af of imported water needed for those customers. Cost per acre foot is just imported TVP water. Average of Acre foot cost is \$1,134, combined. The rolling twelve-month average for water loss is at 2.6%. Staff has worked hard to repair leaks and track losses.
8. **Other** – None.
9. **Consider Items for Board Review** – None.
10. **Adjournment at 4:40 p.m.**