

- EVMWD BOARD ACTION
 APPROVED
 APPROVED AS AMENDED
 DENIED
 CONTINUED
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**MINUTES
ENGINEERING AND OPERATIONS COMMITTEE
Regular Meeting
January 7, 2019**

The Regular Engineering and Operations Committee Meeting was held at 31315 Chaney Street, Lake Elsinore, California.

Director Present:

Harvey Ryan
Jared McBride (Entered at 3:35)

Staff Present:

Brian Macy, Assistant General Manager – Eng./Ops.
Robert Hartwig, Assistant General Manager- Business Services
Terese Quintanar – District Secretary/Administrative Services Supervisor
Jason Dafforn, Director of Engineering and Water Resources
Parag Kalaria, Water Resources Manager
Tim Collie, Water Operations Manager
Matthew Bates, Engineering Manager
John Manhard, Facilities Manager
Dennis McBride, Wastewater Operations Manager
Christina Bachinski, Sr. Development Services Representative
Tina Christiansen, Customer Service Specialist
Marco Chavira, Customer Service Specialist
Andrea Craft, Engineering Project Coordinator
Pam Reed, Customer Service Specialist
Mike Ali, Water Quality Administrator
Greg Morrison, Governmental Relations Officer
Sudhir Mohleji, Sr. Civil Engineer (Wastewater)
Barbara Mason, Contracts Administrator

CALL TO ORDER

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

PUBLIC COMMENTS

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

1. **Engineering Department Performance Measures and Project Updates**

Jason Dafforn explained that the performance data on projects is included in the report to show how staff is managing projects. For each project, there is a schedule and balance of expenditures. Four projects are related to Integrated Resource Plan (IRP), which represent local water supply projects. Seven are in construction and the remainder are in design. We have two program management contracts: IEC and Carollo. The first project reported on was the Palomar Well No. 2 Drilling, Phase 2. The Notice to Proceed (NTP) was issued November 5, 2018. The work should take about three months and the well should be about 770 feet deep, with the drilling to go down 1,200 feet. The Palomar Well Wellhead and Treatment Facilities – Phase 3 design is completed, and staff is awaiting confirmation from regulatory agencies so the bid can be sent for the drilling. This will be a separate bidding process from Phase 2. Lee Lake Wells are the former Barney Lee Wells. Geotechnical work and water analysis is complete. Department of Water Source Protection and Protection (DWSAP) will be included and the CEQA process is in progress. Director McBride mentioned an ad he saw regarding changes to the CEQA process. The Warm Springs Basin Wells Groundwater Basin Study was completed in February. Potential properties are being identified; however, hydrogeology limits our options. We are negotiating an agreement with the Riverside County Flood Control and Water Conservation District (RCFCWCD) for property. Director McBride asked about purchase price increasing once water supply option is determined. Parag Kalaria answered that this is why lease negotiations are underway. Staff added that comps for the area are reviewed prior to offer to purchase and the District's real estate consultant also assists with this. Director McBride asked about zoning. The property would have to be rezoned through the City if it is utilized in this manner.

Capital Improvement Projects include the Regional Water Reclamation Facility Expansion and Upgrades. The project is split into three contracts. The Supervisory Control and Data Acquisition (SCADA) is the first and will update the obsolete SCADA system in place. Staff answered the question that Emerson is well known in the industrial and treatment plant industry and one of the larger vendors for process control. The second package is for the expansion. Funds have been spent on design work. The Horsethief Canyon Water Reclamation Facility Expansion and Upgrades project design has been updated to include Emerson Control System upgrades. Bid documents should be sent out through Planet Bids in the coming weeks. The Regional Outfall (Lake Elsinore Outfall, Agricultural line) includes partial rehabilitation to the existing line, which was built in the mid 1990s. The Flood Control permit is in hand and an agreement for Pre-Excavation has been routed for signature by Pechanga and Soboba tribes. Staff anticipates completion by May, and this project is being split three ways: City of Lake Elsinore, County and EVMWD.

Matt Bates provided an update on the Diamond Regional Sewer Lift Station. There are four force main alignments that were considered for the two force mains to gravity flow to the Treatment Plant. Four facilities will be combined into one facility. Kennedy Jenks is doing the Force Main Design, which will be capable of handling 6.6 MGD. This is a wet well and dry well configuration which is a very complicated project. Geotechnical and groundwater/dewatering analysis is complete, so the contractor is aware of pumping needs during the work. The Skymeadows Booster Pump Station plans are at 100%. A stream crossing is under a separate package, as the CEQA process will be lengthy. Property acquisition is underway. The Meadowbrook Reservoir Improvements involve significant structural upgrades. Currently, between 7 and 13 feet of water can be stored in the 32-foot reservoir. It has been determined that the Rosetta 2 Reservoir can serve this area and the Meadowbrook Reservoir can be taken offline. The Railroad Canyon Water Reclamation Facility (WRF) Yard piping project construction maintenance work was awarded in December and the pre-construction meeting is scheduled for this week. The SCADA system at this facility also needs to be upgraded. The County Water Company Final Water System Improvements project is complete. Director McBride suggested measures to spread the word about EVMWD's efforts. The A-2 Lift Station is located at Riverside and Lakeshore and is one of the larger lift stations. The rehabilitation will be completed this year. Mr. Bates also explained recent office renovation work that has been done.

CIP Change orders are at 1.0%, and that percent is connected with the Office Renovation project. A project closeout summary provided the overall success of specific projects.

On the development side, plan check submittals totaled 8 for the month of November. Easements or Water Right Grant Deeds being processed equaled 4. Consultant and District inspectors are working together. Developers' deposits fund all of this work. From a quality and cost perspective, it is most feasible to have some permanent staff for this work.

Meters set within the previous 18 months are lower than last year.

Lastly, Mr. Bates commended staff for instigation of a County Recording Station on site. This saves trips to the County to record documents and paid for itself in the first day of use.

2. **Operations Department Performance Measures** – Jase Warner reported that in regard to Collection Systems, there has been a lower degree of project-related assistance needed to support other divisions, allowing for an increase in time dedicated for line cleaning, CCTV inspection, confined space, and other projects. They are at 92% planned, 8% reactive. There is also improved coordination with other departments

to lower impact to collections productivity. The Collections department is fully staffed as of July 2018. Collections' daily activities are scheduled with achievable goals.

Water Reclamation Facilities staff maintains and monitors plant process and equipment, receive septage haulers from within District boundaries, maintain Lake Elsinore aeration equipment (compressors and water monitoring equipment). Increased preventative measures resulted in lowered reactive maintenance and associated call outs. Increased Sonde repairs and maintenance has led to increased time on the lake. New Sonde units will be placed in service this year. Progress on goals to do video inspections and line cleaning is ahead of schedule.

3. **Consider Items for Board Review** – The Committee asked that the Capacity Fee information be relayed at a Study Session meeting.
4. **Discuss Future Agenda Items** – None at this time.
5. **Other** – Staff reported that, after notification was made of the capacity fee increase, there were numerous customers who came in before the end of the year to pay their fees. Staff collected \$2.25M. The majority of those paying the capacity fees were small developers of one or two lots. Staff was acknowledged for their hard work and efforts to complete this process.
6. **Adjournment at 5:40 p.m.**