

- EVMWD BOARD ACTION
 APPROVED
 APPROVED AS AMENDED
 DENIED
 CONTINUED
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MINUTES
ENGINEERING AND OPERATIONS COMMITTEE
Regular Meeting
April 1, 2019

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

Director Present:

Harvey Ryan
Jared McBride (Arrived at 3:40 p.m.)

Staff Present:

Brian Macy, Assistant General Manager – Eng./Ops.
Robert Hartwig, Assistant General Manager – Bus. Services
Terese Quintanar, District Secretary/Administrative Services Supervisor
Jason Dafforn, Director of Engineering and Water Resources
Matthew Bates, Engineering Manager
John Manhard, Facilities Manager
Dennis McBride, Wastewater Operations Manager
Tim Collie, Water Operations Manager
Shawn Gray, Water Production Superintendent
Andrea Kraft, Engineering Project Coordinator

CALL TO ORDER

Director Ryan called the meeting to order at 3:33 p.m.

PUBLIC COMMENTS

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

- 1. Engineering Department Performance Measures and Project Updates**
Program Management contracts are on time and on schedule for both Carollo and IEC. Palomar zone testing was completed last week. The wellhead design will be next and project completion is expected to be in July. Lee Lake Wells (formerly Barney Lee) CEQA process is in progress. The Warm Springs Test Well will be installed this month. R&R and SCADA for the Regional Water Reclamation Facility Expansion upgrades will have design done in April. Package 2 is the expansion portion and is at 60% design. For Horsethief, bids were received on March 7th and range from \$22.7 to \$32 Million, and those bids are being reviewed. Ms. Armstrong mentioned that we are supposed to receive a letter of credit for the entire

amount of Horsethief Developers' cost (35%/65%) prior to project commencement. The Ag Line (Regional Outfall) existing pipe rehabilitation is in progress and a new segment is under construction. Estimated completion is May 2019. Diamond Regional Lift Station and Dual Force Mains will have 60% design due in May. Sky Meadows Pump Station design review is complete and property acquisition is underway. The pump station was built in the 1980's but on property not owned by the District. As part of the expansion, we are going through the tax default process. Railroad Canyon WRF Yard Piping contractor is mobilized and 50% of submittals have been reviewed. Railroad Canyon WRF SCADA Installation 95% design is being revised and a contract amendment is required. A-2 Lift Station completion will be next month. There is one change order connected to the Office Renovations project, related to electrical ducting in cubicle walls.

Developers are working on the Summerly development, putting in sewer line. Mr. Bates reported regarding the settlement of areas around laterals. Staff brought it to the attention of the City and it is agreed that it is not caused by District facilities. Regarding plan check submittals, we have five new, four in planning and several others in review. Inspections performed by in house inspectors total 97%. One consultant will be utilized for about three months, while an inspector is assigned full time to a project. IEC and Webb & Associates are the two inspections consultants. Funds encumbered for Webb assistance will be utilized for IEC inspectors. Many projects are in plan check and inspection, so staff anticipates meters to be requested shortly.

Development Services staff continue to respond to customer requests in a week or less.

2. **Operations Department Performance Measures** – Mr. Collie reported on preventive maintenance. Valve maintenance and inspection declined to allow for training. Locations are at 2,292 since last year. Other things staff is working on include fire flow testing, pressure investigations, water main flushes, debris low asset protection plan, and a 33" mainline under I-15. Construction Maintenance is working on steel plate pickups, site and road grading, valve replacements and installations, weekly inspections, maintenance of backhoes, assisting field services, the City for fish clean up and emergency preparedness. Planned work totals 66%, versus reactive. Field services staff have been working on lock-offs (900 this year alone), large meter testing, AMI Upgrades, hydrant meter testing, AMI repairs and re-reads. This department also turns water back on after payment arrangements are met. There were almost 2,000 last year. New meter installs have declined but are expected to increase. The work done by this department is 96% reactive.

Water Production staff attend to chlorine system maintenance, safety inspections, Flagler Treatment Facility Commission, CLWTP maintenance for the April startup, asset management data collection and new employee training. Labor is at 90% planned.

Mr. McBride reported on the Collections Systems department performance. Sewer main line cleaning, lift station wet well cleaning, CCTV video inspection and other tasks have filled up time for the fully staffed department. Water Reclamation Facilities that are maintained include RWRF, RRCWRF, HTCWRF, Lake Aeration and other small items of infrastructure maintenance. Water Reclamation Facilities flows are on track for WRWF, RRCWRF, HTCWRF and Southern. Cost per MG have increased for RRCWRF and Horsethief.

3. **Emergency Water Supply Plan** – Mr. Collie and Mr. Warner explained that staff has been developing the plan, which is almost complete. Mr. Collie described some equipment and the review of what is needed. FEMA trailers are being looked into. Alternative sources of water if wells should fail, were looked at. Water Buffalos could be used to transport water or be filling stations. Staff took into consideration every possible scenario for a water outage and welcomed suggestions. Director Ryan asked if we can utilize scrap or passive income to fund the needs for emergency response. This plan would provide water in a small water emergency. One example would be an earthquake that would drain water from various areas within the district, for up to 8 days.
4. **Consider Items for Board Review** – The Emergency Water Plan will be presented to the Board at a future study session.
5. **Discuss Future Agenda Items** – None.
6. **Other** – None.
7. **Adjournment at 4:45 p.m.**