SWEETWATER SPRINGS WATER DISTRICT

TO: Board of Directors **AGENDA NO. VI**

FROM: Ed Fortner, General Manager

Meeting Date: October 3, 2019

Subject: GENERAL MANAGER'S REPORT

RECOMMENDED ACTION: Receive report from the General Manager.

FISCAL IMPACT: None

DISCUSSION:

1. **Laboratory Testing:** Water quality tests confirm that all SSWD water meets all known State and Federal water quality standards.

2. **Water Production and Sales:** Water sales in August were 24,886 units (57.1 AF Monte Rio cycle), and production was 78.6 AF. Compared to one year ago, sales were higher, and production was slightly lower (59.2 AF and 76.4 AF, respectively). Figure 1 shows sales, production and % difference for the combined systems; the water loss trend was up slightly this month (17.9%). Looking at the data over the last ten years, water production has dropped approximately 29%, and sales have dropped 18%. Water loss percentage was around 30% and now is in the 15-20% range. Much of the production and water loss drop can be attributed to the capital projects funded by Redevelopment. The sales drop is probably due to the drought public education; it's unlikely historic use levels will return soon.

3. **Leaks:** In September, we had six total leak repairs with 24 hours on it. Two leaks were in Monte Rio, two in Guerneville, and two in Rio Nido. All leaks were in older lines. That is fewer leaks and person-hours compared to the prior month and the same number of leaks and more person-hours compared to August one year ago (6 and 15). Figure 2 shows service and main leaks separately with a total leak line as well. Looking at the leaks chart over the last ten years we've come down from around 300 leaks per month to just over 100 - quite a difference and very noticeable in what the field crews are able to do - address ongoing issues with in-house projects instead of chasing leaks every day.

4. **Guerneville Rainfall:** September rainfall was .06" which is lower than the long-term average month and keeps the yearly total slightly above the long-term annual average.

5. **2019 CIP:** Piazza completed the installation of the ATEC filters. The ATEC system is now fully permitted and operational, and demolition of the old greensand system is underway.

6. **In-House Construction Projects:** There was one in-house construction project in September, a 1" service upgrade at 15430 Hay Lane (Guerneville). Thirty-four hours were required to complete the project. There were no toilet rebates.

7. **Personnel:** The District will be advertising for two new Maintenance Workers.

8. **Discontinuation of Service for Non-payment Law:** Continue to work on implementation by 02/2020 deadline.

9. **SSWD Website Update:** Continue to investigate.

10. **Flushing:** System Hydrant Flushing will begin in October in Guerneville and continue to Monte Rio, finishing in late November. Advance notice has been mailed to all customers and the schedule posted to our website.

11. **Cross-Connection Survey and Fall Flood Warning:** These two items were mailed out to customers in the September and October bill mailings, as required by the Division of Drinking Water. We have received many responses to the cross-connection survey.

12. **Water Audit Validation:** The GM completed the 2018 Water Audit using free software from AWWA. Validation of the results was performed by Sonoma Water. Our annual non-revenue water percentage was 16.2%. The Audit was successfully uploaded/ submitted to the State portal.

13. **Gantt Chart:** The Gantt Chart is updated for October, FY 2020.

Figure 1. Water Production and Sales 12 Month Moving Averages
Sweetwater Springs Water District Since September 2008

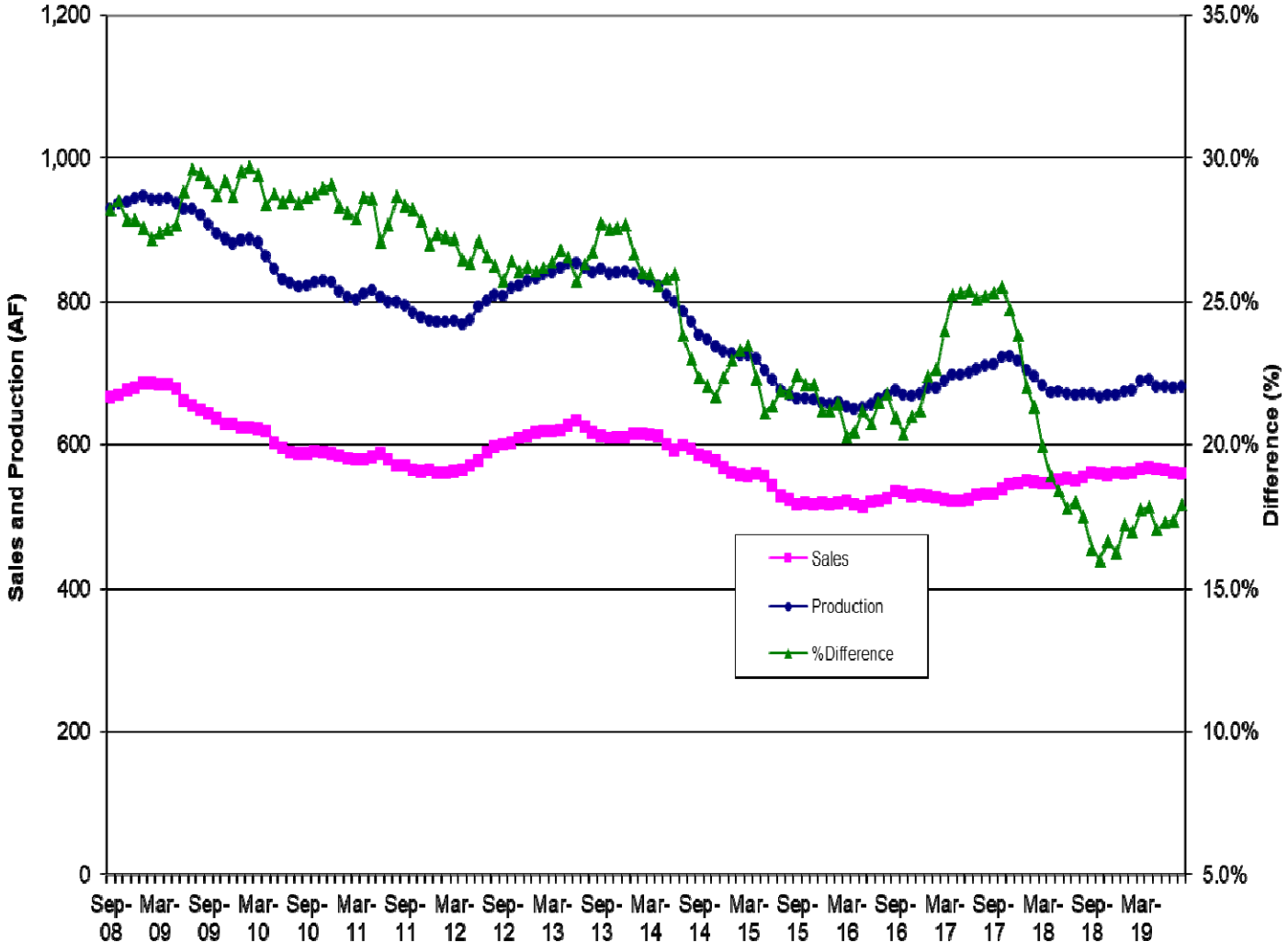

Figure 2. Sweetwater Springs Water District Main and Service Pipeline Breaks Moving Annual Average Since September 2008

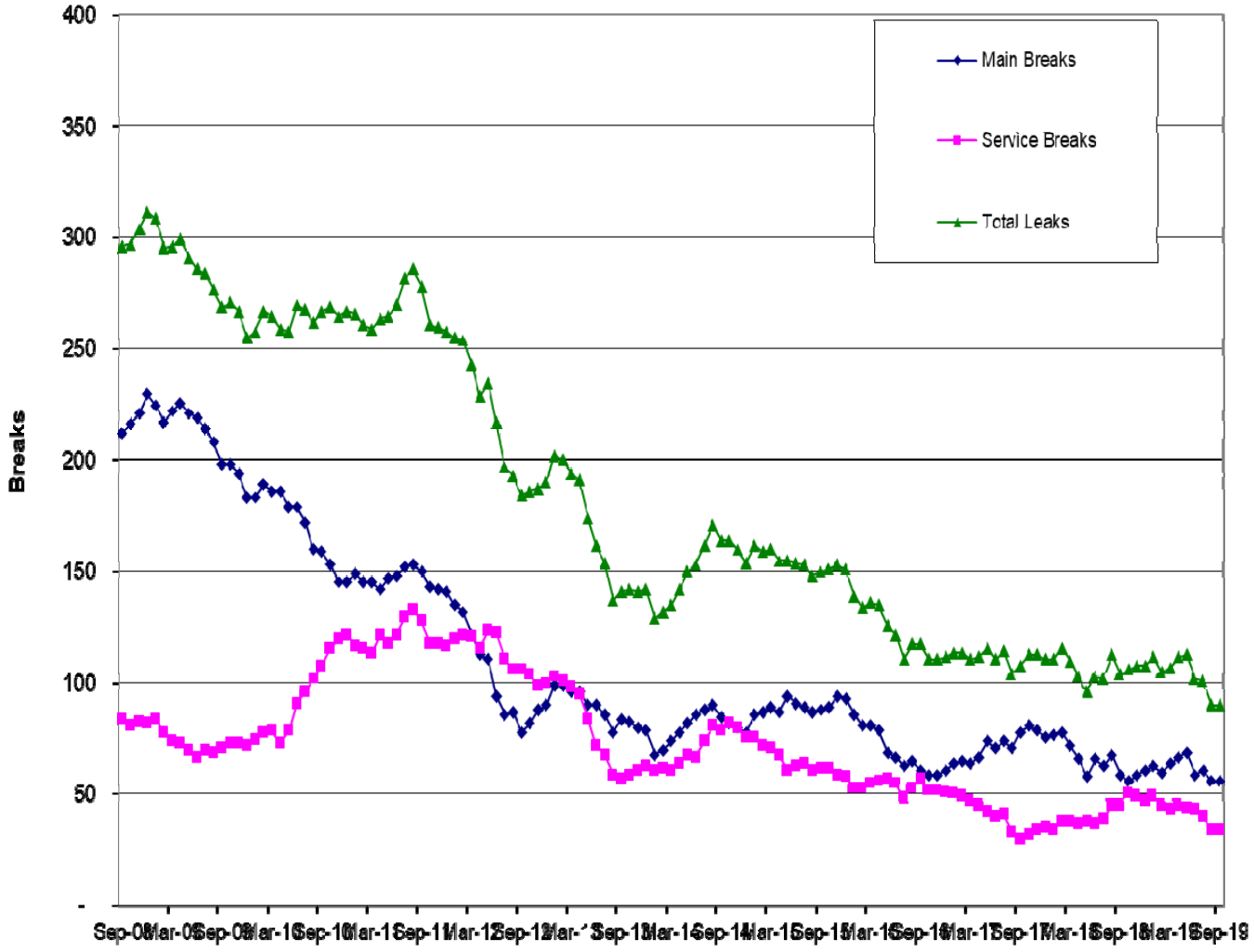

Figure 3. Guerneville Cumulative Monthly Rainfall

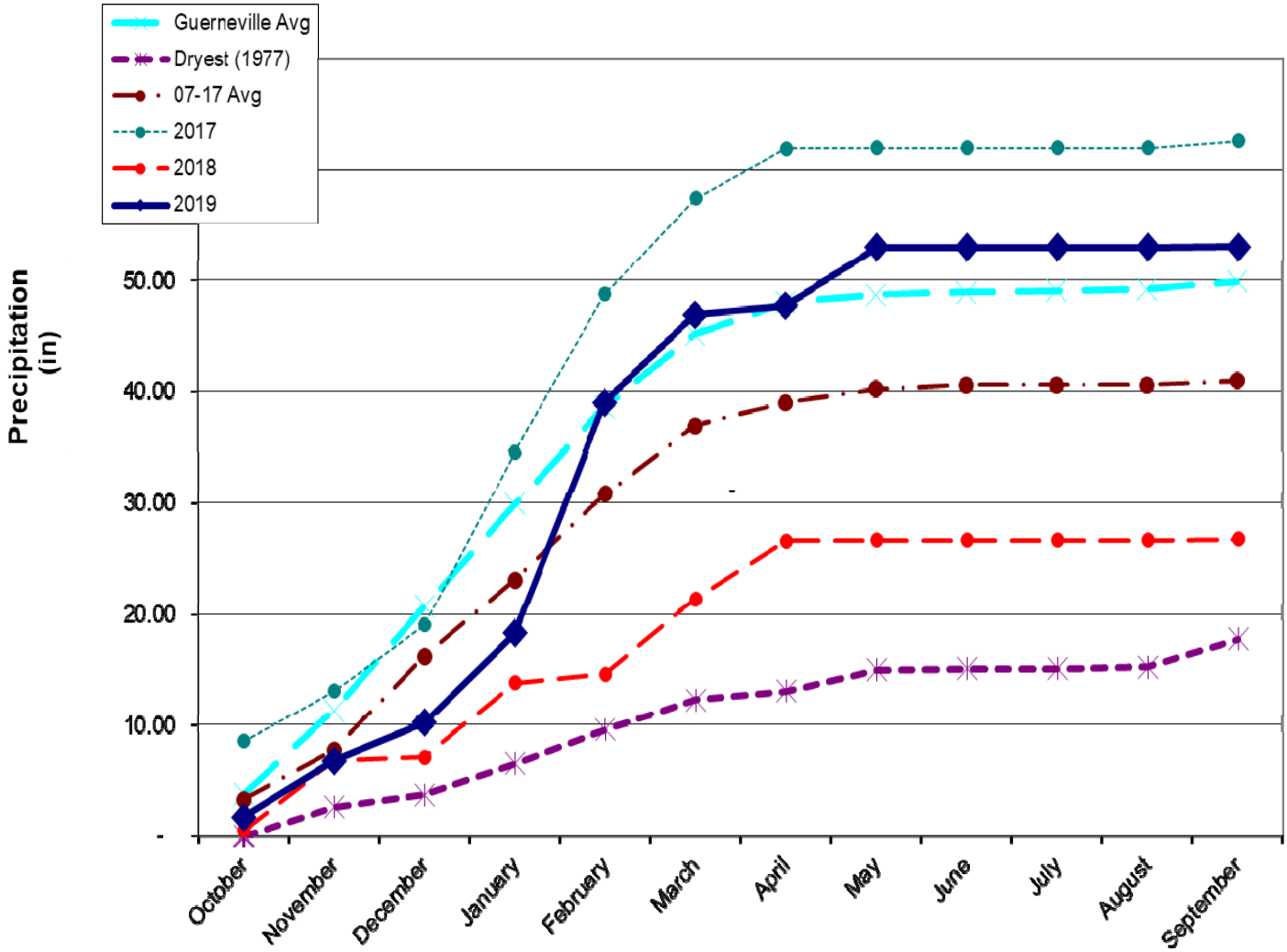

Figure 4. Sweetwater Springs WD Calendar Gantt		Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	FY21+
Ongoing Activity														
Board Action														
Other Milestone														
Current Month														
By Activity														
Action Item/Milestone	Projected Completion / Milestone Date													
Budget Preparation														
• Capital Improvement Program Board Discussion														
• Staff Budget Preparation Begins														
• Ad Hoc Budget Committee Reviews Draft Budget														
• Draft Budget to Board for Discussion/Action														
• Approve Budget														
Capital Projects														
• Update/Review District CIP														
• 2019 CIP Phase Award of Contract														
• 2019 CIP Construction Starts														
• 2019 CIP Construction Ends														
Strategic Planning	Nov-19													
Cost of Service Study	Mar-20													
Urban Water Management Plan	Oct-20													
Water Rights	SCWA													
Emergency Response Plan Review														
Building Lease														
• Lease Renewal	Aug-20													
Policies and Procedures														
• Other Policy														
• Overall Review														
District Annual Review														