SWEETWATER SPRINGS WATER DISTRICT

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

FROM: Ed Fortner, General Manager

Meeting Date: November 7, 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 September were 27,310 units (62.7 AF Guerneville cycle), and production was 67.8 AF. Compared to one year ago, sales were lower, and production was higher (59.5 AF and 75.4 AF, respectively). Figure 1 shows sales, production and % difference for the combined systems; the water loss trend was up this month (19.9%). Looking at the data over the last ten years, water production has dropped approximately 29%, and sales have dropped 18%. The 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 October, we had six total leak repairs with 39 hours on it. All six leaks were in Guerneville. All leaks were in older lines. That is fewer leaks and person-hours compared to the prior month and fewer leaks and fewer person-hours compared to October one year ago (11 and 60). 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:** November rainfall was 0.02," which is lower than the long-term average month and starts the yearly total slightly below the long-term annual average.

5. **2019 CIP:** Piazza completed bypass piping and removal of the old greensand filter tanks. Only grading and some additional support bracket installations remain.

6. **In-House Construction Projects:** There were two in-house construction project in October, a service and meter replacement at 15647 Old River Road (Guerneville) that took 17 hours to complete and a 2" valve replacement, 2" meter stop, raised box and bollard installation at 17660 Montesano Avenue (Monte Rio) that took 2 hours to complete. There were no toilet rebates.

7. **Personnel:** The District has advertised for two new Maintenance Workers. One applicant was offered the position, and another recommended offer will be discussed at the November Board Meeting.

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

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

10. **Flushing:** System Hydrant Flushing was completed for Rio Nido in October in the Guerneville system and will continue to Monte Rio, finishing in late November to early December. Advance notice has been mailed to all customers, and the schedule is posted to our website.

11. **Cross-Connection Survey and Fall Flood Warning:** We have received many responses to the cross-connection survey. We are sorting through the responses and will follow up where necessary.

12. **Field Trip for Board:** On October 18th, Director Holmer and President Lipinski toured the Monte Rio Treatment Plant, the el Bonita Wells, and the Highland Tank Treatment Plant. Ed and Jack Bushgen coordinated the tour, and Chris Hanley also attended.

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

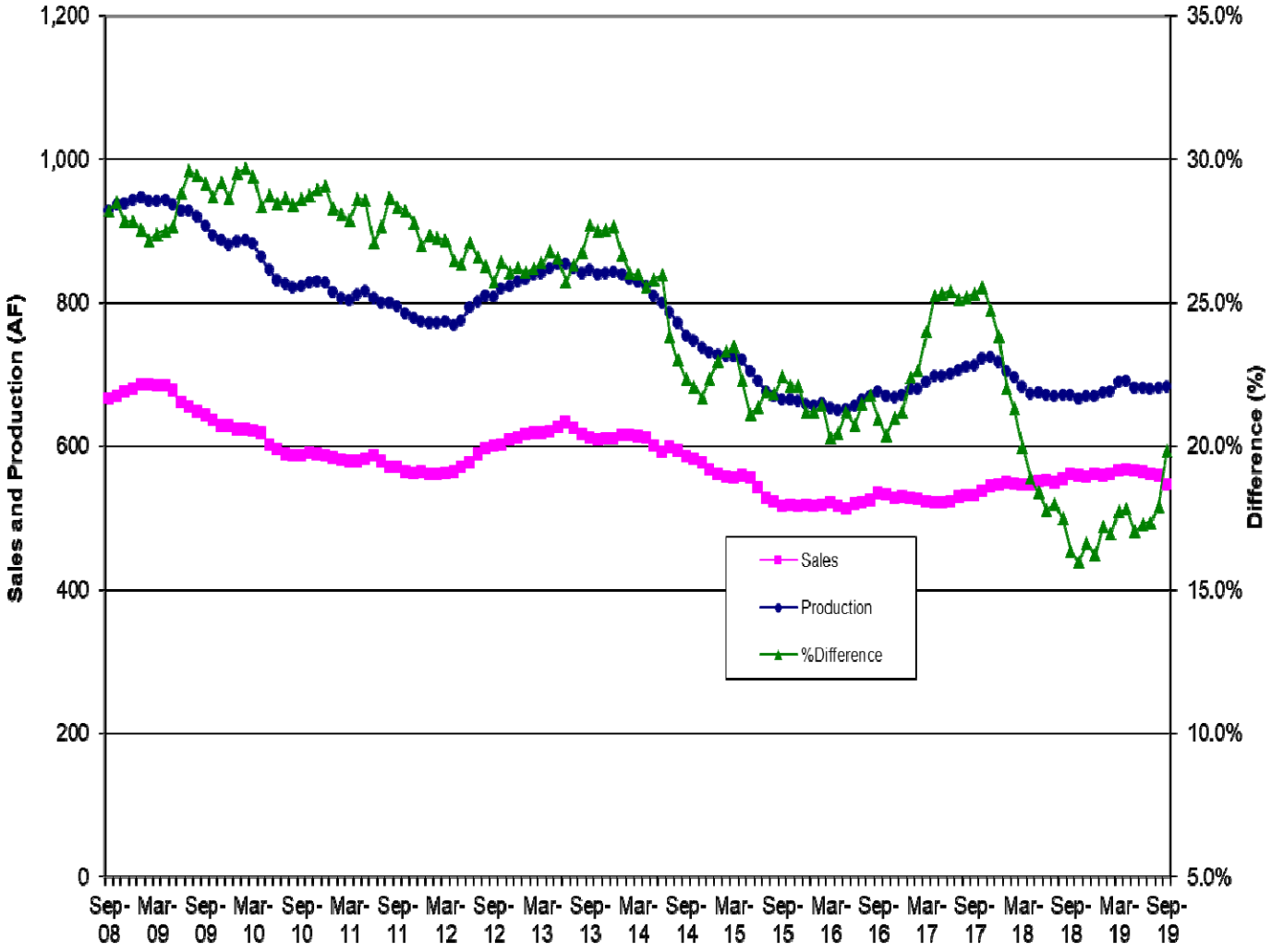

Figure 2. Sweetwater Springs Water District Main and Service Pipeline Breaks Moving Annual Average Since September 2008

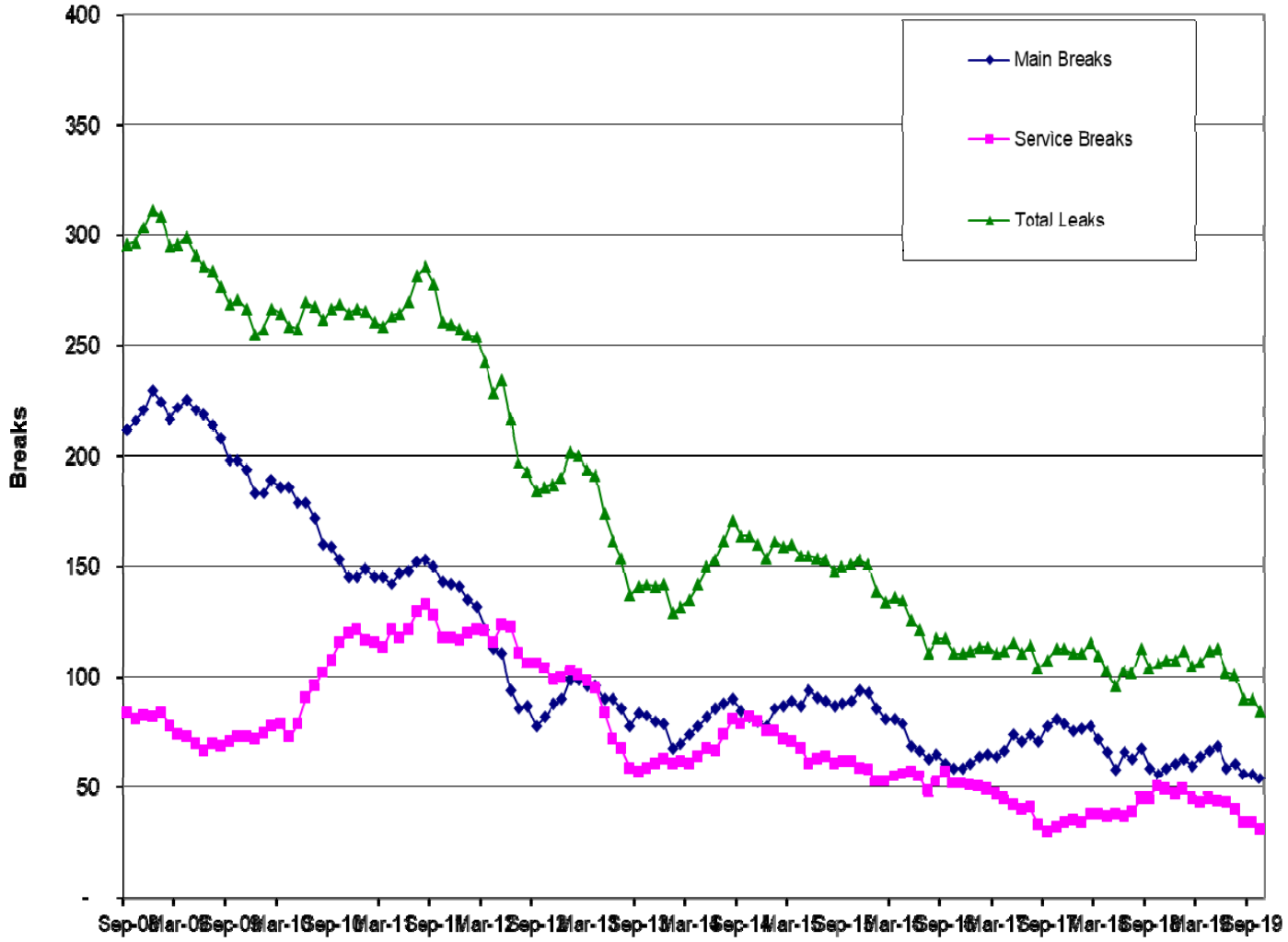

Figure 3. Guerneville Cumulative Monthly Rainfall

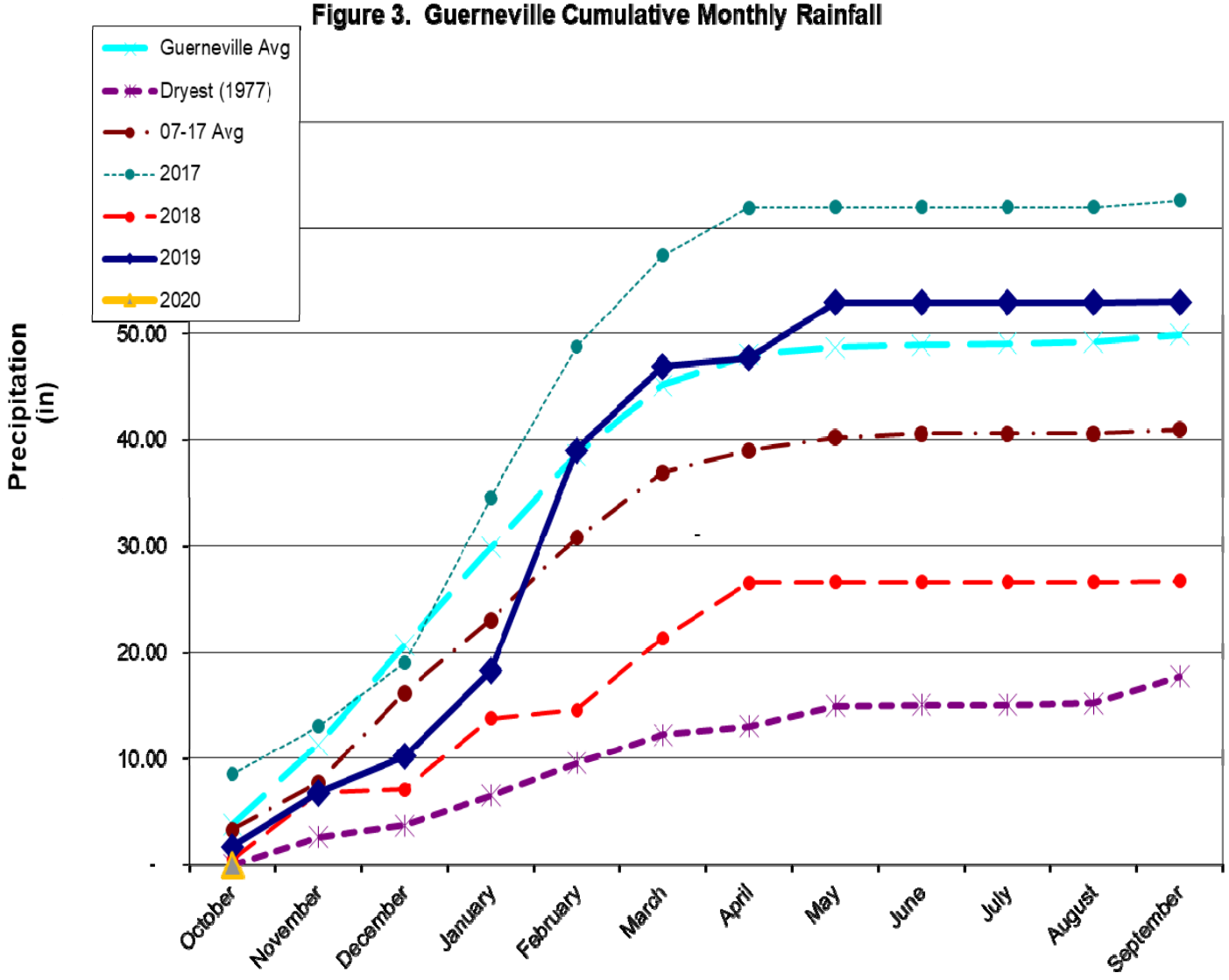

Figure 4. Sweetwater Springs WD Calendar Gantt		Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	FY21+
Ongoing Activity														
Board Action														
Other Milestone														
Current Month														
By Activity														
Action Item/Milestone	**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														
Labor Negotiations														
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														