# SWEETWATER SPRINGS WATER DISTRICT

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

**FROM:** Ed Fortner, General Manager

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**Meeting Date: March 5, 2020**

**Subject: GENERAL MANAGER'S REPORT**

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**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 January were 17,284 units (39.7 AF Guerneville cycle), and production (calculated as running twelve-month average) was 45.4 AF. Compared to one year ago, sales were lower, and production was higher (38.9 AF and 49.0 AF, respectively). Figure 1 shows sales, production and % difference for the combined systems; the water loss trend was down this month (20.2%). 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 January, we had seven total leak repairs with 54 hours on it. Six leaks were in Guerneville, and one leak was in Rio Nido. All leaks were in older lines. That is more leaks and less person-hours compared to the prior month and more leaks and more person-hours compared to February one year ago (1 and 4). Figure 2 shows service and main leaks separately with a total leak line as well. For Calendar Year 2019, total leaks were 78, down from 105 from 2018. Looking at the leaks chart over the last ten years, we've come down from around 300 leaks per year to under 80 - 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 0.0", which is lower than the long-term average month and keeps the yearly total (13.61") below the long-term annual average. This is the first zero precipitation February in Guerneville since 2002, as long as we have kept records. Our driest year on record was 1977 and we had 9.57" total by the end of February.

5. **In-House Construction Projects:** There were three in-house construction projects in January:
   - An upgraded service to one inch at 14801 Old Cazadero Rd. (GV). Thirty six person-hours were spent on the project.
   - Replaced hydrant. Buried breakaway flange and painted existing hydrant on lateral. 21526 Moscow Rd. (MR). Sixty seven and three quarter hours were spent on the project.
   - New construction on one inch service at 11740 Laurel Dell Avenue (MR). Forty six and one half hours were spent on this project.
   - The three projects totaled 149.75 hours.

   There were no toilet rebates.

6. **Discontinuation of Service for Non-payment Law:** Resolution passed at February Board meeting will stand until all current policy changes are approved by Ordinance.

7. **Tank Diving Inspections:** Beginning February 25-27. Gonfatti (2), Highland (2)m Lower Harrison, Monterosa, Redwood Land, and School House Tanks were inspected 02/26-02/28. The only major finding was on the Lower Harrison Tank roof that needs to be replaced.

8. **Lower Russian River Community Action Group Governance Meeting:** The General Manager attended a interdepartmental (NCRWQCB and Sonoma Water) meeting to discuss the Russian River TMDL meeting with on Thursday, February 13th to discuss governance options for the planned service area. One of the options proposed is adding the Wastewater Utility to Sweetwater Springs Water District. The GM also attended the 02/27 CAG meeting where this item was discussed.

9. **SSWD Website Update:** Sonoma Computers visited to discuss update. A return visit is schedule soon to begin the work.

10. **17448 River Lane Update:** On February 20, 2020 Marina Herrera of Permit Sonoma copied SSWD on their pending review of the legal non-conforming park designation of the lot. No tentative completion date for the review was given.

11. **Emergency Response Plan (ERP) Update:** All relevant updates were completed to the ERP including the wildfire response, PG&E scheduled outages, and contact lists. If any board member would like a copy of the updated plan, the GM will supply. The Coronavirus may prompt an emergency plan need to be considered.

12. **Grant(s) Update:** Attended mandatory meeting of the Sonoma County Community Development Committee on February 19th to consider our Community Development Block Grant (CDBG) application for the FY 2021 CIP (Old River Rd and Woodland Ave. line replacement). Another required CDC meeting is scheduled for March 18th. Final funding decisions will occur at their April 15th meeting. Drinking Water State Revolving Fund (DWSRF) staff informed the GM that Guerneville did NOT qualify for disadvantaged status. I replied with Census data that confirms the disadvantaged status.

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

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

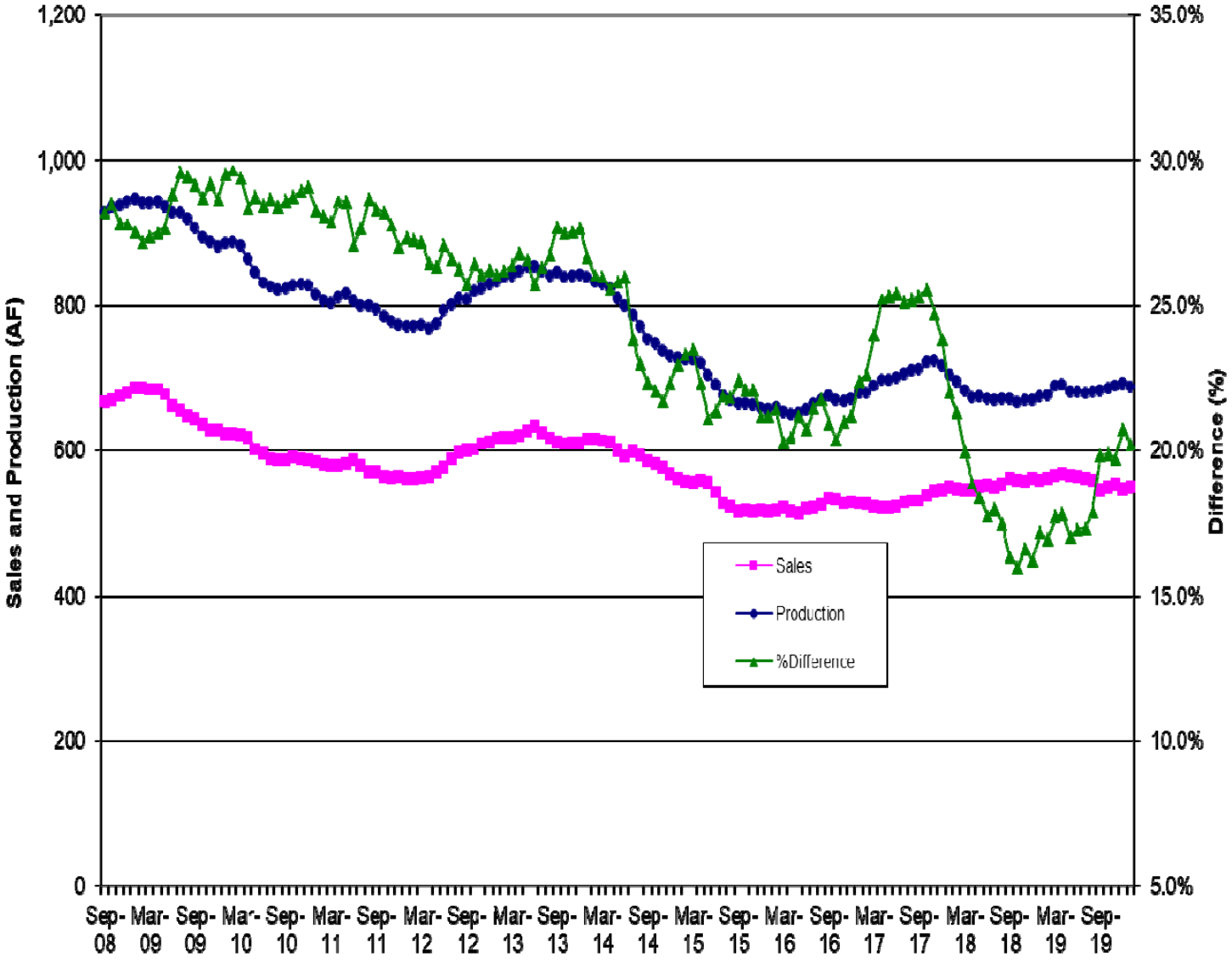
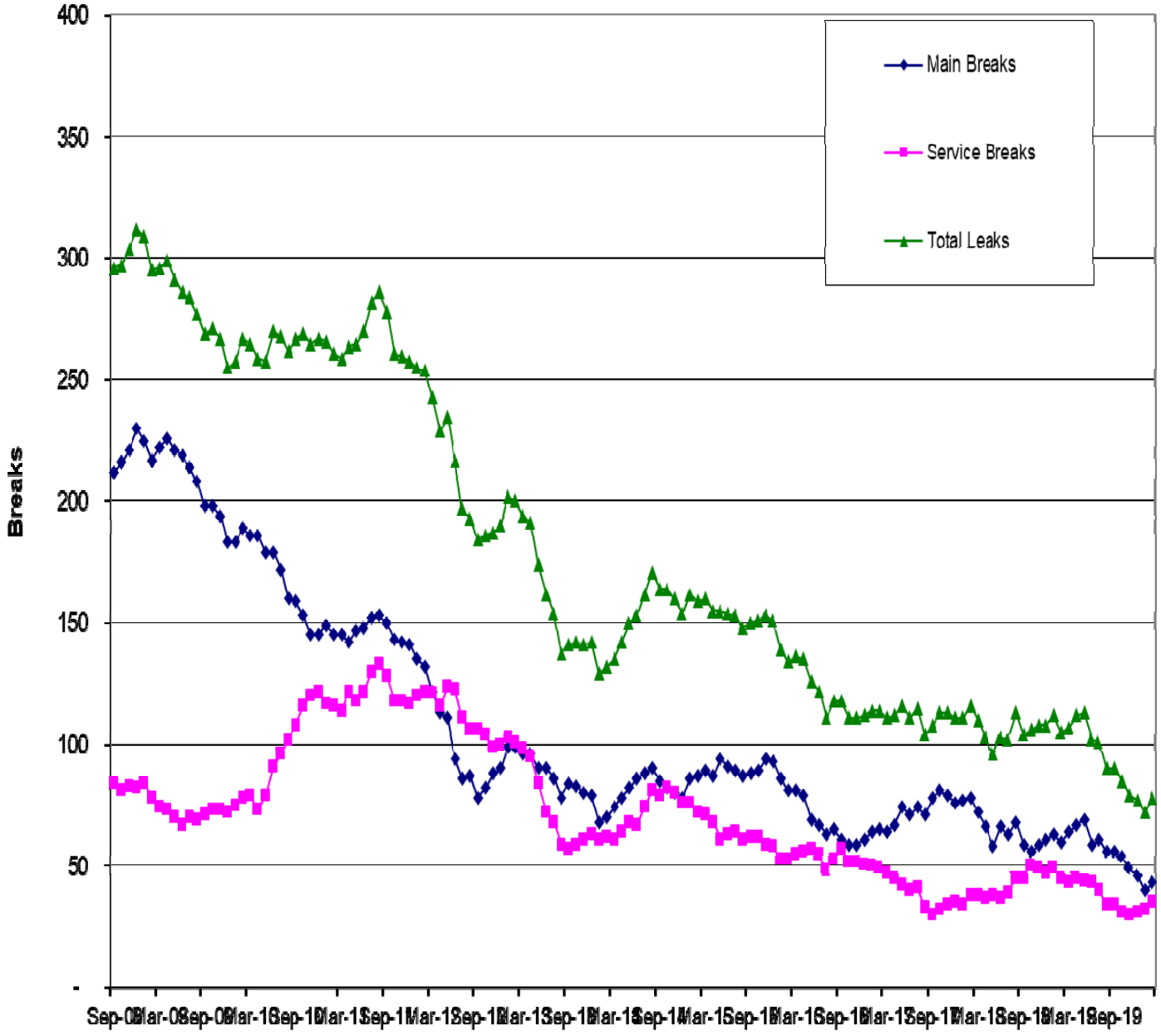


**Figure 2. Sweetwater Springs Water District Main and Service Pipeline Breaks Moving Annual Average Since September 2008**



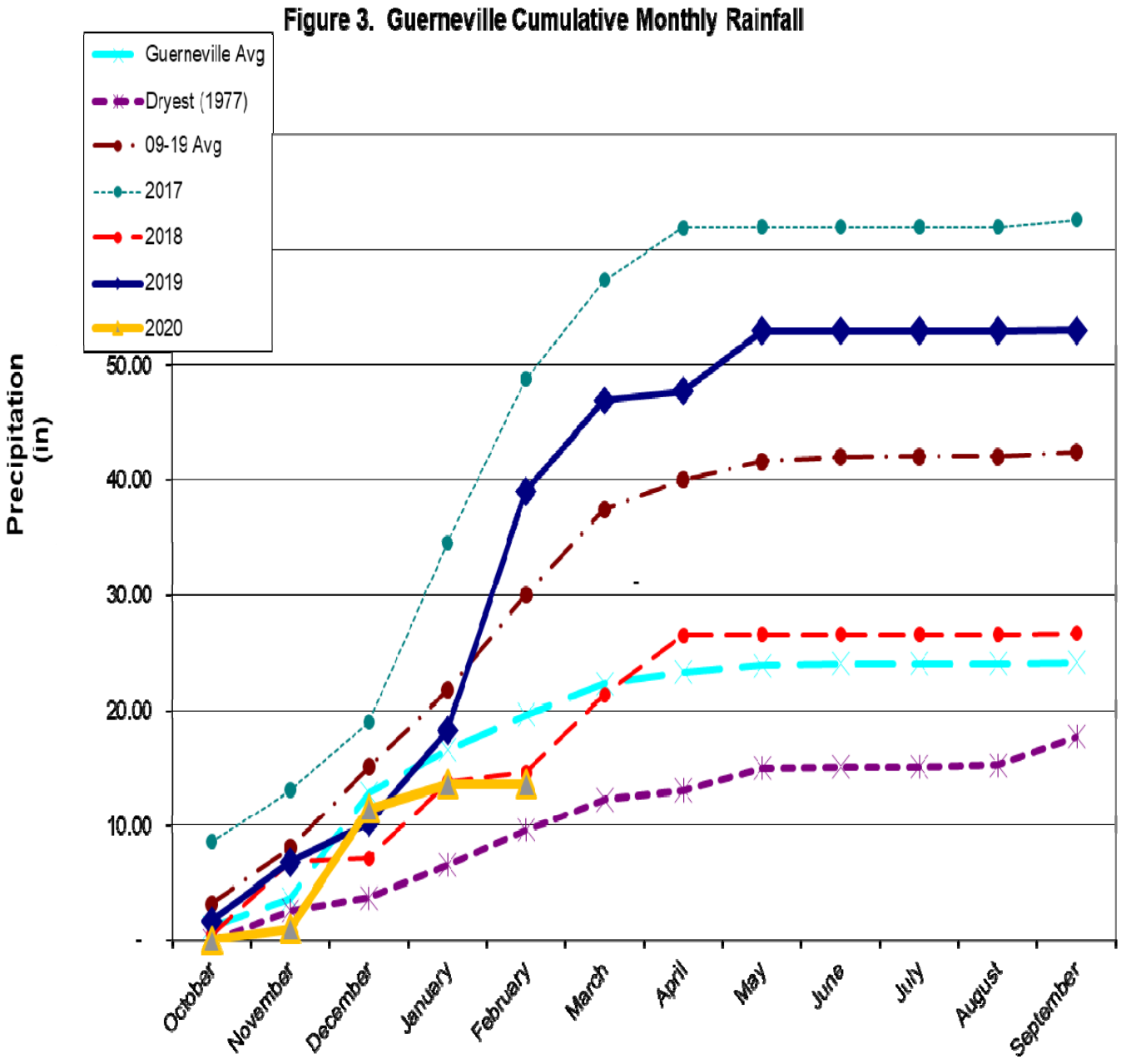


Figure 3. Guerneville Cumulative Monthly Rainfall
Guerneville Avg
Dryest (1977)
09-19 Avg
2017
2018
2019
2020
Precipitation (in)
50.00
40.00
30.00
20.00
10.00
-
October
November
December
January
February
March
April
May
June
July
August
September

| **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** | | | | | | | | | | | | | | |
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| **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 | | | | | | | | | | | | | | |
| • 2021 CIP Planning | | | | | | | | | | | | | | |
| • 2021 CIP Design | | | | | | | | | | | | | | |
| • 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 | | | | | | | | | | | | | | |