# SWEETWATER SPRINGS WATER DISTRICT

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

**FROM:** Ed Fortner, General Manager

**Meeting Date: October 1, 2020**

**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. We completed and submitted our two water system Water Audits after validation. The results were encouraging. The net water loss (unaccounted for water loss) was slightly higher than last year at just under 17%.

2. **Water Production and Sales:** Water sales in August were 27,175 units (62.4 AF Guerneville cycle), and production was 75.7 AF. Compared to one year ago, sales were lower, and production was higher (57.1 AF and 78.6 AF, respectively). Figure 1 shows sales, production, and % difference for the combined systems; the water loss trend was down this month (19.8%). 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 conservation; it's unlikely historic use levels will return soon.

3. **Leaks:** In August, we had eight total leak repairs with 78 hours on them. Four leaks were in Guerneville, and four were in Monte Rio. All leaks were in older lines. That is fewer leaks and fewer person-hours than the prior month and more leaks and more person-hours compared to September one year ago (6 and 24). 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:** September rainfall was 0.00", which is lower than the long-term average month and keeps the yearly total (18.68") below the long-term annual average. Our driest year on record was 1977, and we had 17.7" total by the end of August.

5. **In-House Construction Projects:** There were two in-house construction projects in September at the Park Avenue Tank site. Staff completed a full replacement of the roof, drained and leveled the tank, and New World Manufacturing replaced the liner. Total staff time for the Park Avenue Tank was 264.5 hours. Staff also drained and leveled the Natomas Tank taking 236.5 hours.

6. **System Flushing:** System flushing will begin on October 19th along Old River Rd and Rio Nido. We will complete Guerneville in mid-November and move to Monte Rio. All flushing will be complete by mid-December. We will do more abbreviated flushing at each hydrant due to the need to conserve water. After last year's flushing and water use during the fire, the system should be easier to flush. We have sent out flyers in the billing to alert customers if they see temporarily discolored water. The flushing schedule is attached to this report.

7. **Lower Russian River Community Advisory Group Governance Meeting:** There was a remote meeting of the LRRCAG scheduled for September 24th. An update was given for the Sacramento State governance group that broadened the scope to explore more alternatives. Dan Fein and or Steve Trippe will attend the November 5th Sweetwater Board meeting to update the Board in more detail.

8. **Lower Harrison Tank Update:** It has been determined that there is a need for a roof replacement and paint job on the tank in the next few years. Coastland has not submitted the cost estimate at this time.

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

10. **Economic Impact of no Disconnects for Non-payment:** The total uncollected amount in this Monte Rio billing cycle due to non-payment with the non-Disconnect Executive Order is $7,646.52. This amount is tracking upward. The chart is updated with separate columns for billing cycles. We will continue to follow this amount.

11. **MRRPD Request for Special Rate:** Sherry Pimsler, with MRRPD, sent a letter addressed to the Board in July requesting a special "non-profit" rate. They asked for a bill credit due to leaks that occurred during the 2019 floods. Julie followed up with MRRPD, and Sherry replied to thank us for our consideration.

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

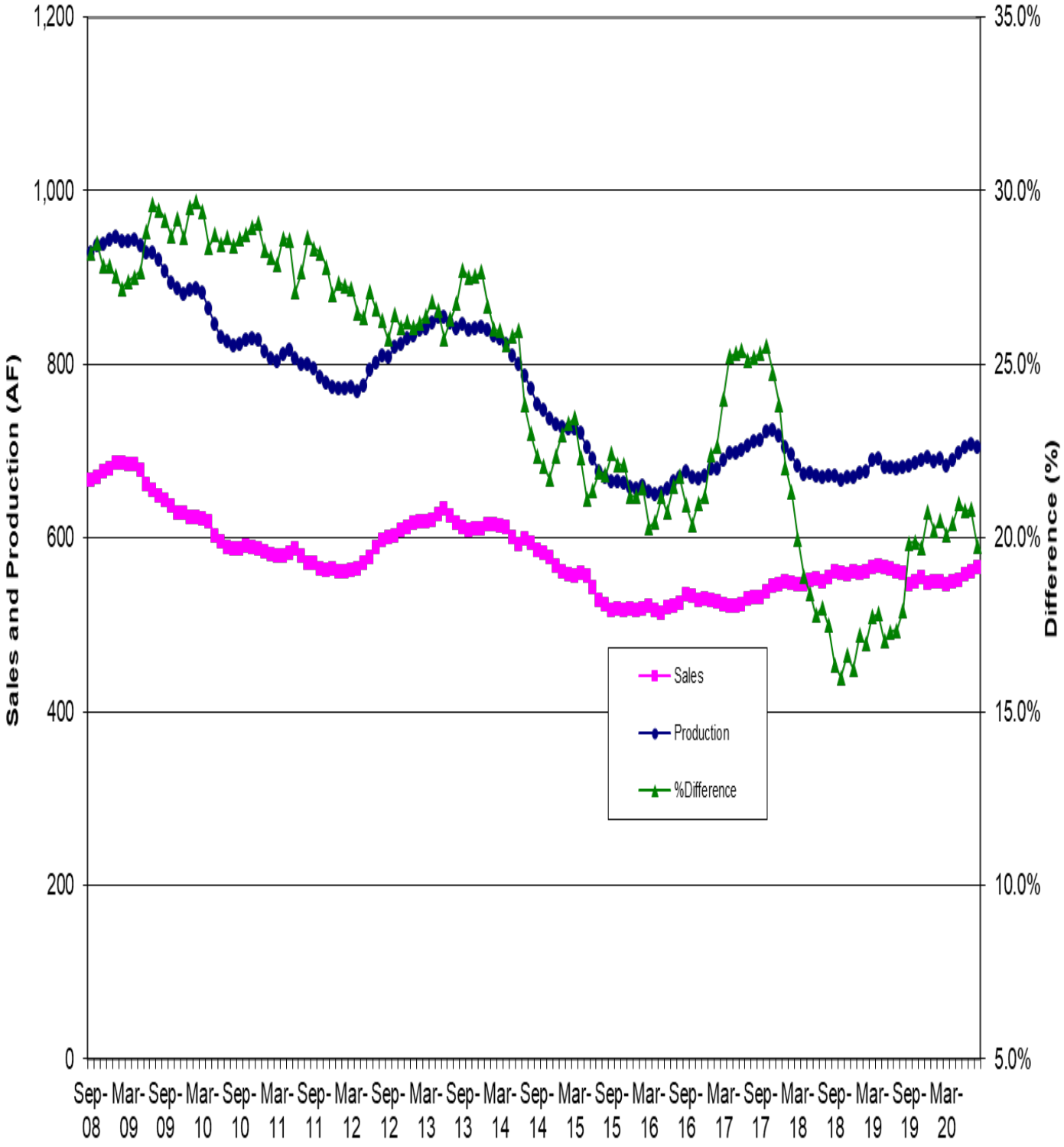
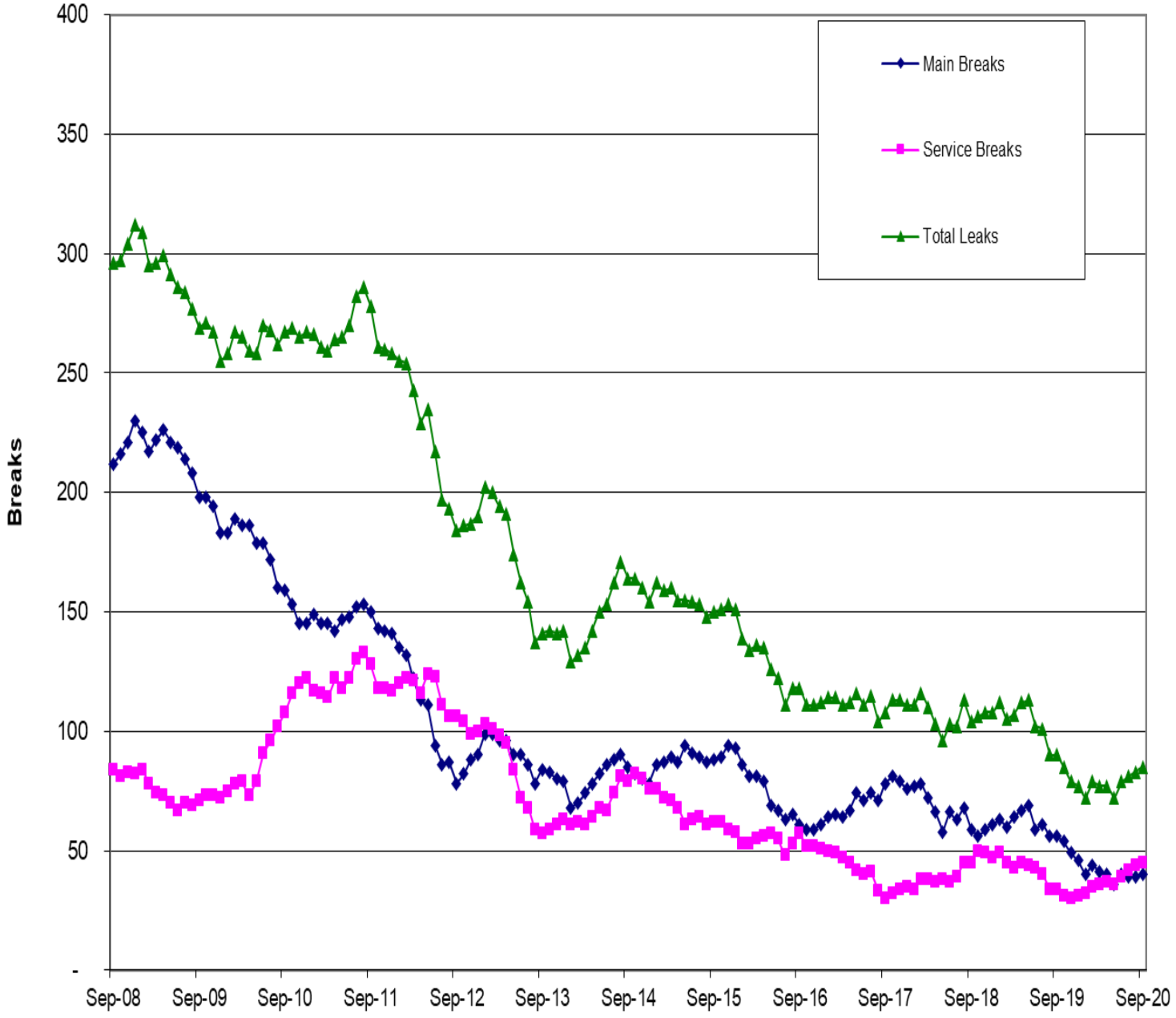


**Figure 2. Sweetwater Springs Water District Main and Service Pipeline Breaks Moving Annual Average Since September 2008**



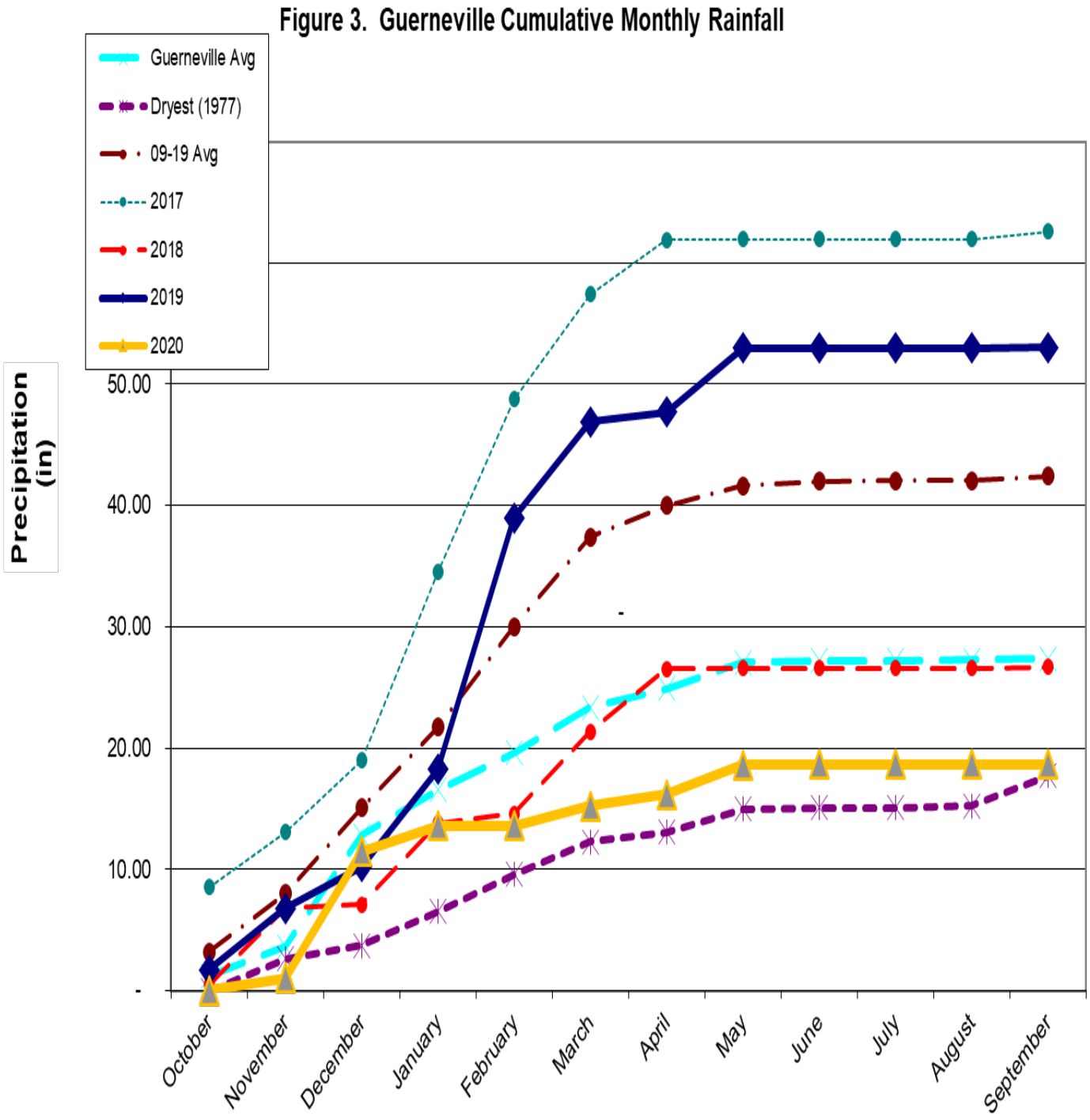


Figure 3. Guerneville Cumulative Monthly Rainfall
Guerneville Avg
Dryest (1977)
09-19 Avg
2017
2018
2019
2020
Precipitation (in)
50.00
40.00
30.00
20.00
10.00
-
October
November
December
January
February
March
April
May
June
July
August
September

| Figure 4. Sweetwater Springs WD Calendar Gantt Chart | | Aug-20 | Sep-20 | Oct-20 | Nov-20 | Dec-20 | Jan-21 | Feb-21 | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | FY22+ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | | | | | | | |
| · 2021 CIP Planning | | | | | | | | | | | | | | |
| · 2021 CIP Design | | | | | | | | | | | | | | |
| Local Hazard Mitigation Plan | | | | | | | | | | | | | | |
| · LHMP Committee Meetings | | | | | | | | | | | | | | |
| · LHMP Approval | | | | | | | | | | | | | | |
| EPA Vulnerability Asessment | | | | | | | | | | | | | | |
| Urban Water Management Plan | | | | | | | | | | | | | | |
| Water Rights | SCWA | | | | | | | | | | | | | |
| Emergency Response Plan Review | | | | | | | | | | | | | | |
| Urban Water Management Plan | | | | | | | | | | | | | | |
| · UWMP Approval | | | | | | | | | | | | | | |
| Policies and Procedures | | | | | | | | | | | | | | |
| · Other Policy | | | | | | | | | | | | | | |
| · Overall Review | | | | | | | | | | | | | | |
| District Annual Review | | | | | | | | | | | | | | |

## Tracking the Economic Impact of Suspending Water Disconnects for Non-payment

| EVEN CYCLE | | | ODD CYCLE | | |
|---|---|---|---|---|---|
| **Billing Date** | **# of Customers whose prior bill was still unpaid when next bill mailed** | **$ Value of Past Due Amounts**** (including unpaid customer deposits) | **Billing Date** | **# of Customers whose prior bill was still unpaid when next bill mailed** | **$ Value of Past Due Amounts**** (including unpaid customer deposits) |
| 2/15/2020 (Historical disconnect procedure) | 0 | $0 | 3/15/2020 (SB 998 extends time before disconnect) | 10 | $1,565 |
| 4/15/2020 (Exec. Order N-42-20: Disconnects completely suspended) | 24 | $4,096 | 5/15/2020 | 5 | $594.02 |
| 6/15/2020 | 9 | $2,947.56 | 7/15/2020 | 8 | $1,261.02 |
| 8/15/2020 | 7 | $2,464.32 | **9/15/2020 (Suspended delinquency process due to wildfire.)** | **57** | **$7,646.52** |

*As of 9/15/2020, 15 customers have entered into COVID-19 Agreements. These customers are not included in the numbers above.*

# SWEETWATER SPRINGS WATER DISTRICT
# 2020 FLUSHING SCHEDULE

Sweetwater Springs Water District will soon be flushing the water lines. Flushing can temporarily cause your water to lack pressure and/or be discolored. If your water is discolored as a result of the District's flushing process, run an outside faucet at full pressure until it clears up. This should be done **after** flushing by the District is completed in your area. It should take no more than 5-10 minutes to clear. We also recommend that you flush your water heater at this time.

Look for the dates in 2020 that the District plans to flush the water lines in your neighborhood.* Flushing hours are from 8 a.m. - 4 p.m.

We regret this inconvenience, but this maintenance program should improve water quality in your neighborhood.

** It may be necessary to revise flushing schedule dates due to unscheduled repairs*

| Flushing Date: | Neighborhood: |
|---|---|
| **Zone 1**<br>October 19-23 | Old River Road (A-Action Rents east); Riverside Drive; Orchard Road; Foothill Blvd.; Bonita Ave; and Rio Nido. This zone also covers Sweetwater Springs Road. |
| **Zone 2**<br>October 26-28 | Old River Road (A-Action Rents west); Woodland Drive; Morningside Drive; Palo Alto; downtown Guerneville; Fern Road; and Solar Ridge. |
| **Zone 3**<br>November 2-6 | Drake Road; Guerne Way/Hill; Riverlands; Wright Land/Drive; Edgehill; Leasowe; Melody; Redwood Lane; Eastern; Western; Northern; Southern; Orchard Ln; Glenda; and Glandy Glen. |
| **Zone 4**<br>November 2-6 | Neeley Road; E. Guernewood Road; Vacation Beach; Lark Drive; and Benson Road |
| **Zone 5**<br>November 9-13 | Old Cazadero Road; Cherry Street; Hidden Valley; Fern Way; Monte Rosa; and Camino del Arroyo |
| **Zone 6**<br>November 9-13 | Dubrava Village; Riverside Drive; Park Avenue; McLane Avenue; Summit; Old Monte Rio Road; Santa Rosa Avenue; Lovers Lane; and Hwy. 116 west of Guerneville |
| **Zone 7**<br>November 16-20 | Monte Cristo Avenue; Duncan Road; Santa Clara Avenue; Hwy. 116 west of school and Russian River Meadows |
| **Zone 8**<br>November 16-20 | Front Street; Beech; Breen Court; El Rancho; Grahn; Foothill Blvd.; B,C,D,E & F Street; Sunnyside; Ridgecrest; Redwood Drive; Hill; Chapel; Crescent; Golf Court; Northwood, and upper Northwood area |
| **Zone 9**<br>December 7-11 | East Monte Rio; River Blvd.; Heller; Willow; Alder; Park; Kingston; Railroad; Elm; Pebble; Field Way; Bohemian Avenue; Monte Rio Avenue; and Railroad Avenue |
| **Zone 10**<br>December 7-11 | Moscow Road; All of Villa Grande; Starrett Hill; and all of the Terraces |
| **Zone 11**<br>December 7-11 | Main Street; downtown Monte Rio; Old Bohemian Highway; Fir; South, Alta; and Tyrone Road |