



Town of Yountville

6550 Yount Street
Yountville, CA 94599

Staff Report

Agenda Item #: {{section.number}}C

Yountville Town Council Staff Report

DATE: October 18, 2022

TO: Mayor and Town Council

FROM: John Ferons, Public Works Director

PREPARED BY: John Ferons, Public Works Director

SUBJECT:
Water Conservation Update

DISCUSSION/BACKGROUND

Droughtlook

California, the Napa Valley, and Yountville have witnessed the three driest years on record over the past 128 years with Napa County experiencing rainfall totals down 15.89 inches from normal. At this point it will take more than a normal series of winter storms to alleviate the historic drought that is upon us. Conserving water must become a way of life in Yountville as weather projections forecast continued warmer, drier conditions foreshadowing a potential fourth year of drought. As a reminder, the Town remains in a modified Phase II Water Shortage Emergency to help to meet the Town's goals of water conservation within our available water supply.

Tracking Water Conservation

The Town remains subject to the safe yield of the Town's water supply, 400 acre-feet available from Rector Water Treatment Plant with the Town's Municipal Well and Napa Water connection available for use as needed when Rector supply is not available.

The goal of using 400 Acre-Feet is being tracked by comparing current FY 22-23 water consumption to last year's FY 20-21 water consumption on a month-to-month and running total basis. Last year the Town collectively consumed 424 acre-feet exceeding the 400-acre-foot safe yield. Therefore a 6% decrease from last year to this year is needed to meet the 400-acre-foot mark.

The report for September is as follows:

FY 22-23

- Total Water Consumption to date= 110 Acre-Feet
- Percentage of 400 Acre-Feet= 28%

September 2022

- Rector Water = 36.98 Acre-Feet.
- Napa Water = 0.00 Acre-Feet
- Municipal Well Water = 0.00 Acre-Feet
- Total Water Consumed = 36.98 Acre-Feet

September 2021

- Rector Water = 45.10 Acre-Feet.
- Napa Water = 0.34 Acre-Feet.
- Municipal Well Water = 2.90 Acre-Feet
- Total Water Consumed = 48.34 Acre-Feet

Total Water Conservation = 11.36 Acre-Feet
Total Water Conservation Percentage = 23.5%

Water Conservation Measures

Commercial: Staff had issued compliance letters to four commercial property owners and one homeowner's association property identifying the need to replace non-functional turf. As of the date of this staff report 3 commercial property owners counting for 11 turf areas and the homeowner's association counting for 6 turf areas had committed to removing the turf. The 4th commercial property owner counts for one small turf area to be replaced and staff is following up with that property owner to seek compliance.

Residential for the month of September:

- Average weekly water use for single-family residential water customers = 1,591 gallons per week.
- +/- 85% of the single-family residential water customers stay below the weekly allowable amount of 2,350 gallons per week while the remaining +/-15% consistently exceed the weekly allowable amount.

Town Staff would like to thank all of water customers, both residential and commercial, for their diligent water conservation efforts and change in water use behavior. Staff also encourages those who regularly exceed allowable amounts and/or those who waste water to be reminded that we are in a historic drought, to always be ever mindful of your water use, and to provide your best effort to come into compliance.

ENVIRONMENTAL REVIEW

Not Applicable

FISCAL IMPACT

Is there a Fiscal Impact? No

Is it Currently Budgeted? N/A

Where is it Budgeted? N/A

Is it Mandatory or Discretionary? Discretionary

Is there a Staff Resource Impact? Nominal

STRATEGIC PLAN GOAL

Is item Identified in Strategic Plan? Yes

If yes, Identify Strategic Goal and Objective. **Exceptional Town Services and Staff:** The Town supports its talented staff who deliver high quality municipal programs and services while maintaining public infrastructure for the benefit of the community. **Visionary Leadership:** The Town's leadership maintains an open-minded, forward-thinking decision-making process. We value engagement and participation from all members of the community as we work together to create policies and plan for the future.

Briefly Explain Relationship to Strategic Plan Goal and Objective. Water conservation is a collective effort by town staff, our residents, and our business partners. The Town is seeking to maintain our quality water delivery via the public infrastructure while engaging the Town's water customers as we work together to save our collective water resource.

RECOMMENDATION

Receive Informational Report, Ask Questions, Note and File