BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT

BCPUD BOX 390 270 ELM ROAD BOLINAS CALIFORNIA 94924 415 868 1224

MEMORANDUM

TO: Board of Directors

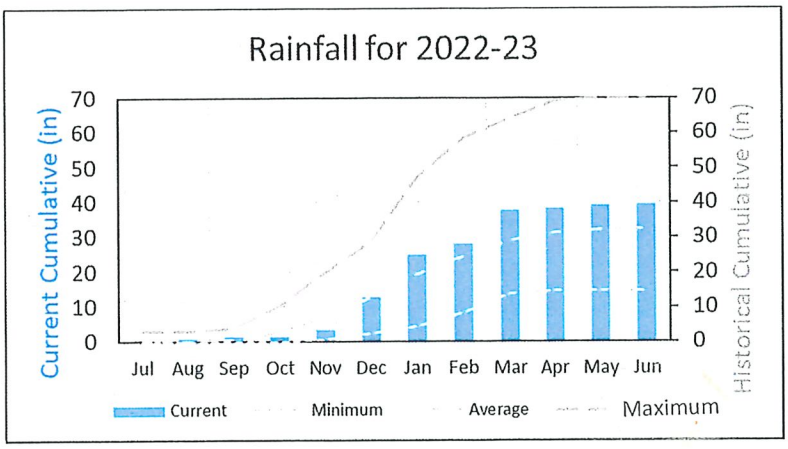
FROM: Jennifer Blackman JWB

RE: Update on Water Supply

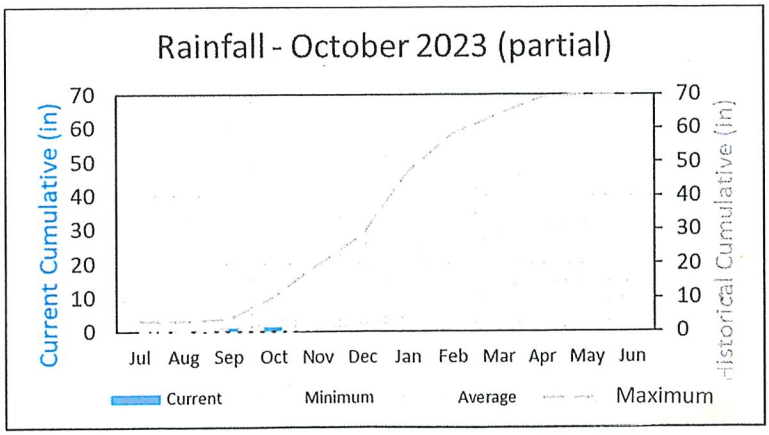
DATE: October 16, 2023

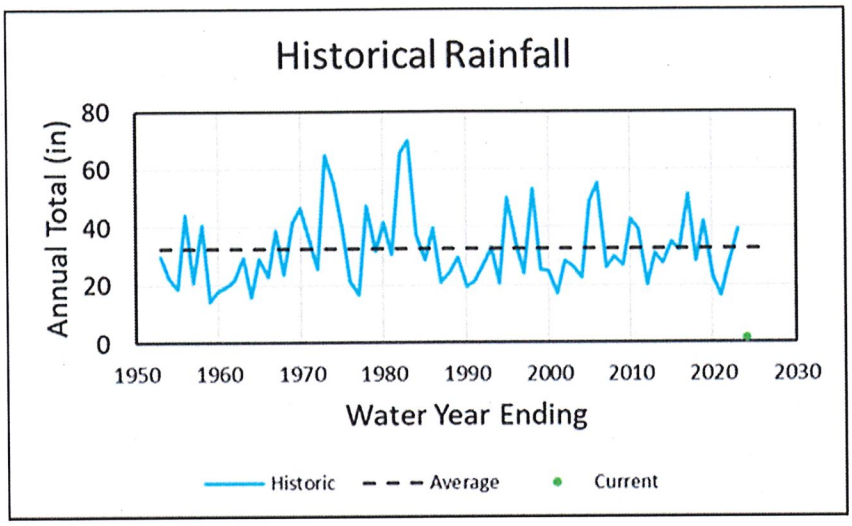
This memorandum provides a summary of the current status of the District's water supply and related data and projections; due to the plentiful rainfall during the 2022-23 rain year and the Board's decision on May 17, 2023 to cancel the Heightened Water Conservation Alert, as well as the press of other business, it has been several months since I provided you with a written update.

1. Rainfall: For the 2022-23 rain year, measured from July 1, 2022 – June 30, 2023, the district received 39.37 inches of rain, which was well above the average annual rainfall in the district.



Thus far in the 2023-24 rain year, which began on July 1, 2023, the district received 1.47 inches of rain as of October 10, 2023, which is depicted in the chart below. Since October 10th, the district received an additional 0.23 of an inch of rain, bringing the total as of October 16th to 1.7 inches:

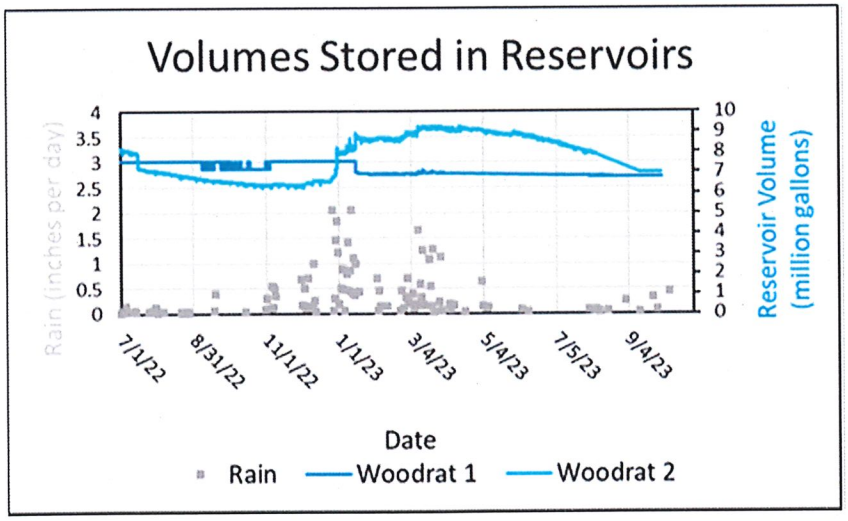




2. Water Production and Consumption: September 19, 2023 – October 16, 2023, water *production* in the district averaged 73,314 gallons per day (GPD), which is a slight drop as compared to the last reporting period which was 82,309 GPD (mid-August – mid September 2023). Water *consumption* during this same timeframe also averaged 73.314 GPD (approximately 126 GPD per connection), which is also a drop as compared to the last reporting period, when consumption averaged 84,181 (143) GPD per connection.

3. Water in Storage:

The Woodrat 1 Reservoir is very close to full and Woodrat 2 contains more stored water than at this point last year (roughly 7 million gallons as compared to 6.5 million gallons in October 2022). The total usable available stored water is approximately the same as this time last year.



4. Updated Base Flow Recession Model:

The graph below is the district's base flow (BF) recession model for the Arroyo Hondo Creek, updated to depict predictions of the base flow portion of creek flows through October 31, 2023. Creek flows continue to be much higher than in recent prior (drought) years as a result of the above-average annual rainfall received this rain year. Current creeks flows are approximately 146,000 GPD, significantly higher than last year (when creek flows were approximately 92,000 GPD on October 2022) as a result of carryover from the last rainy season. The creek has been flowing over the impoundment structure all year, which is in stark contrast to the recent drought years when the creek stopped spilling by mid to late Spring. The district has been able to meet demand with the Arroyo Hondo Creek water source thus far throughout 2023.