

# General Manager's Report

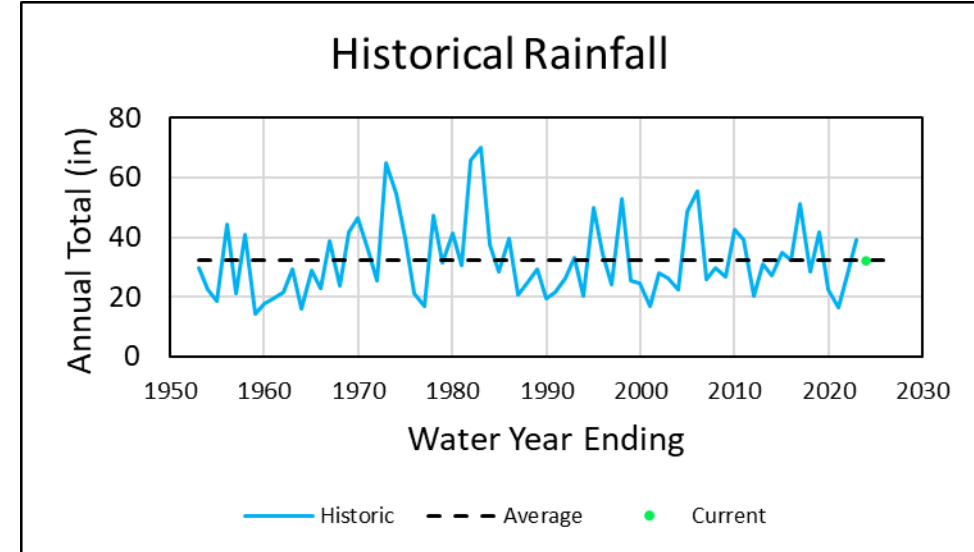
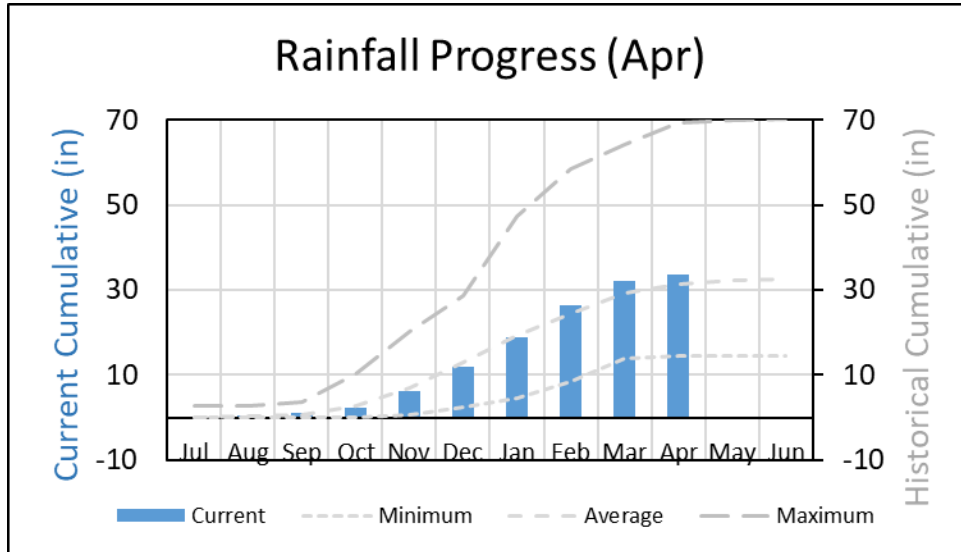
May 15, 2024

Regular Board Meeting

Presented by Georgia Woods

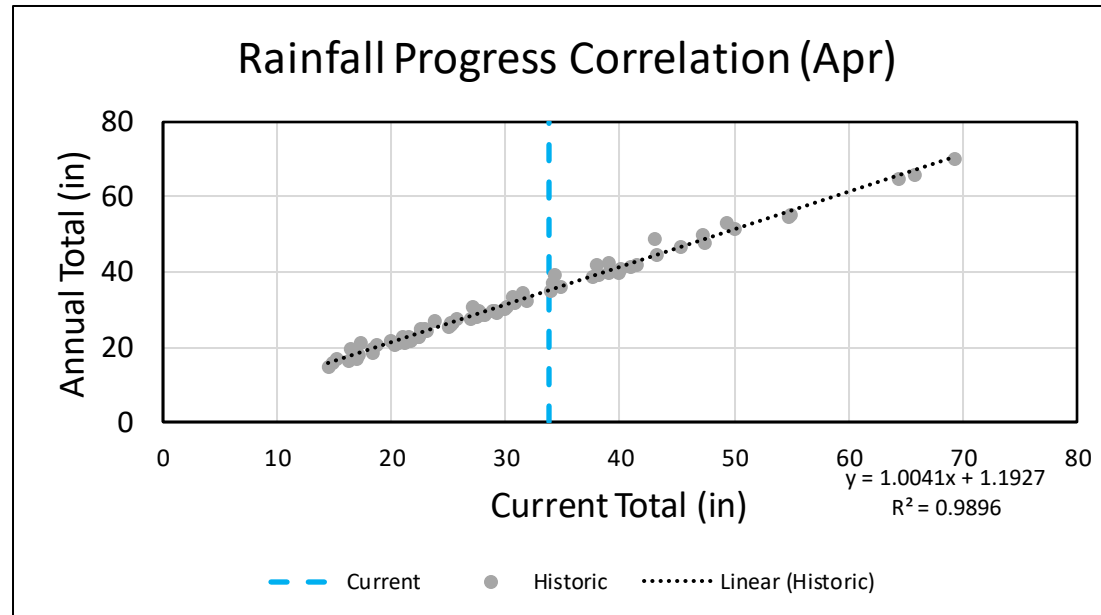
# BCPUD's Water Supply Memo

# Rainfall



As of the end of April 2024, the district had received **33.75 inches** of rain since July 1, 2023 (the beginning of the rain year), which is slightly above the average of 31.23 inches for that time of year.

# Rainfall Progression Analysis



A rainfall progression analysis indicates there were **only 35% of the years** in our historical record that had more rain by the end of April, compared to this year (23/24 Rain Year). Using this progression correlation analysis we are projecting that we will have **~35 inches** by the end of this rain year (by the end of June 2024).

# Water **Production** and **Consumption** in APRIL

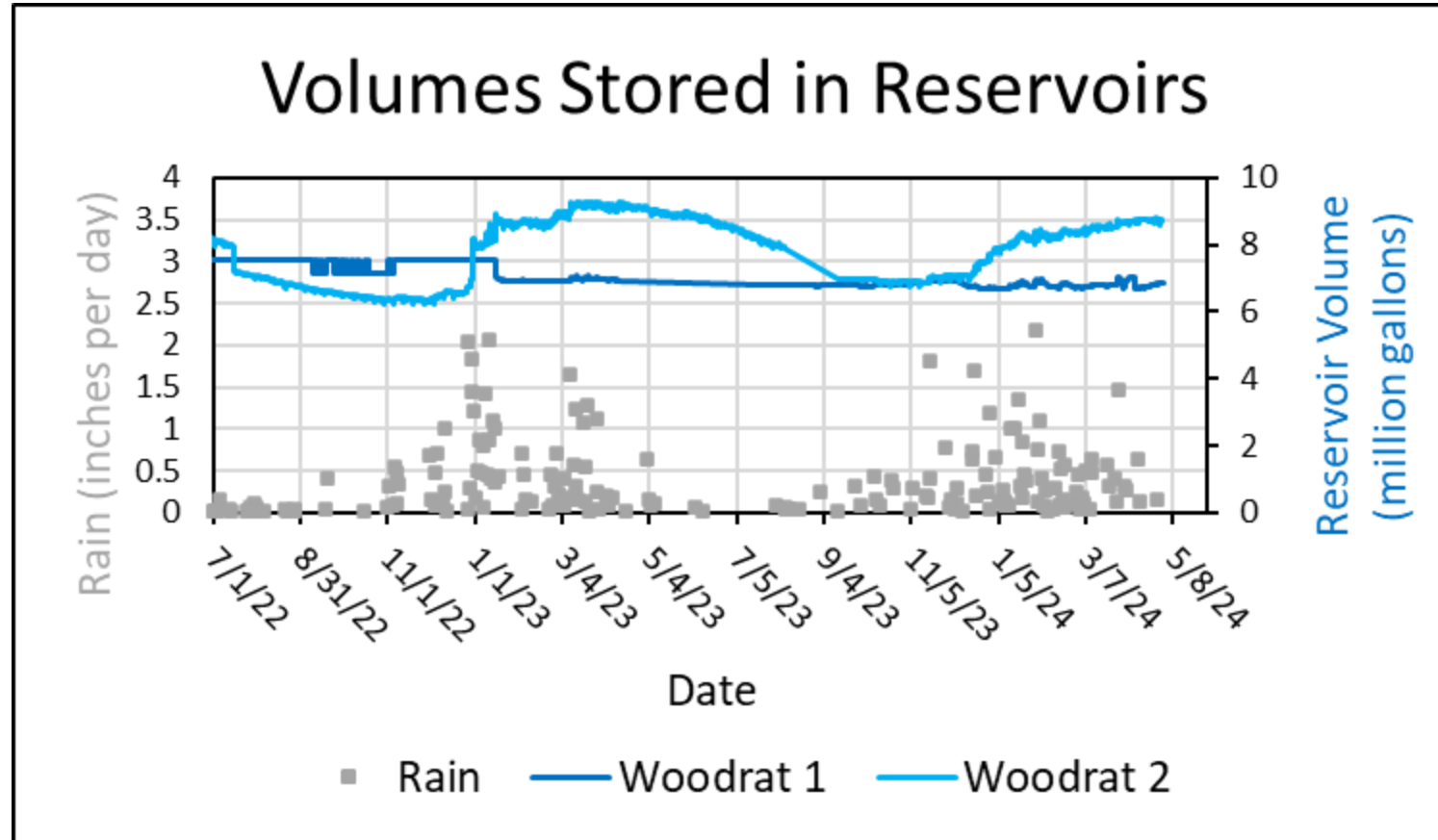
## **PRODUCTION**

- In April 2024, water *production* in the district averaged **65,120** gallons per day (GPD),
- This is up from March production, which averaged **57,006** GPD.

## **CONSUMPTION**

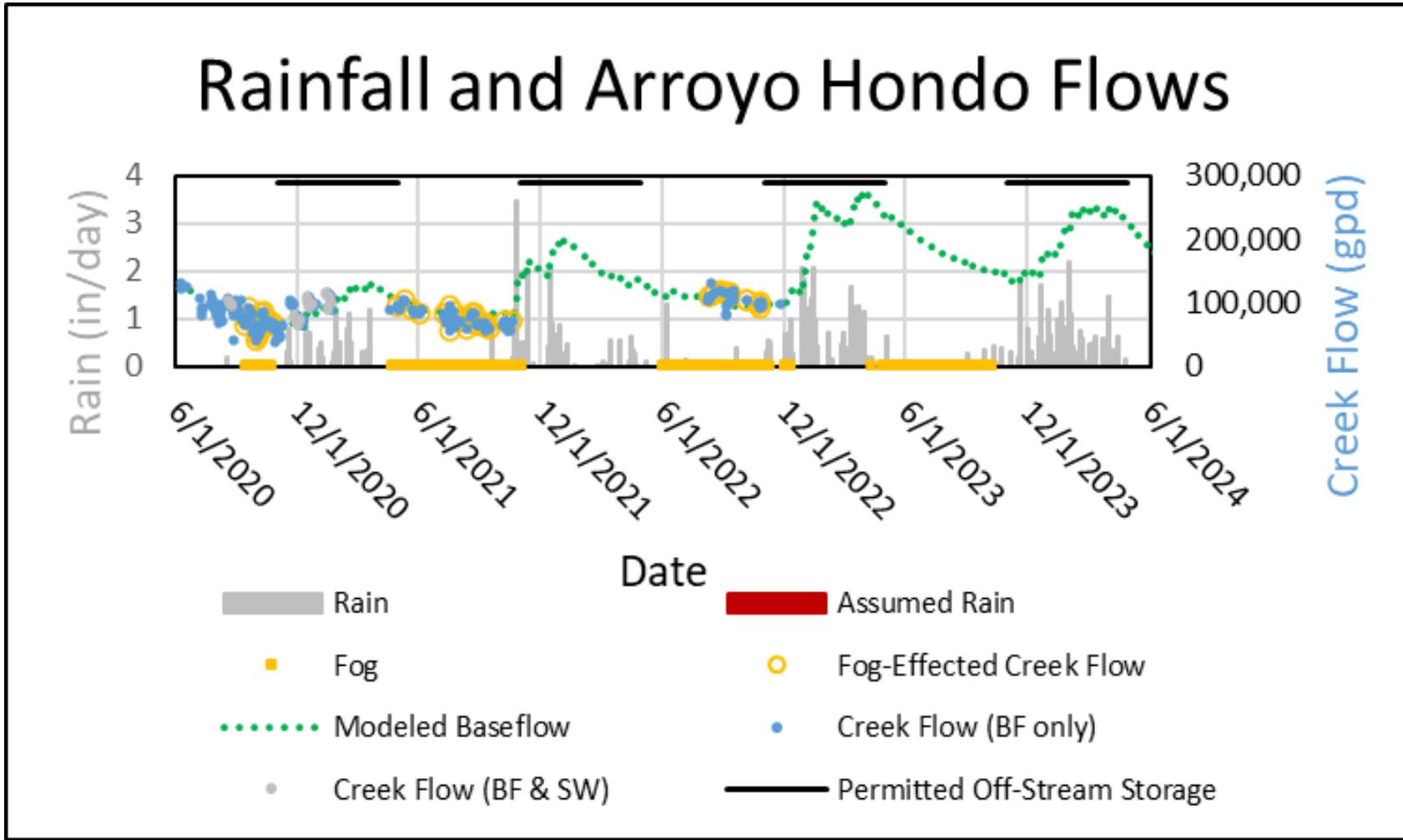
- Water *consumption* in April averaged **61,743** GPD (approximately **106 GPD** per connection)
- This is up from March consumption, which averaged **58,482** GPD (approximately **100 GPD** per connection).

# Water Storage



Woodrat 1 Reservoir and Woodrat 2 Reservoir are both full but have just stopped spilling.

# Model of Arroyo Hondo Creek Flows



**Creek flows** remain much higher than in recent (drought) years and continue to meet **District Demand**

- April flows were estimated at ~230,000 GPD
- Flows in March were estimated at ~250,000
- Flows through May are estimated to remain high ~ 200,000 GFP
- We have not had to divert from the Woodrat Reservoirs

Graph 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 the end of June 2024. The creek has been flowing over the impoundment structure all year. Creek flows have been so high subsequent to the fall of 2022 that there have been no opportunities to compare model estimates to actual measurements.

# Meetings Attended

## Bolinas Fire Protection

### District *reduction*

### *PG&E Grant to do fire fuel*

- BCPUD admin met with George Krakauer (Fire Chief) and Isaac Taylor (Administrative Manager) from The Bolinas Fire House.
- The Fire District received a grant from PG&E to remove fuel in the understory of the Mesa Road Eucalyptus Grove, proximal to the power lines.
- They are still working on the logistics (environmental studies/permitting, hiring a crew to do the work etc.)
- There is nothing that BCPUD needs to do related to this grant.
- I will bring this back for discussion when the work looks like it will move forward.





# Meetings Attended...continued

## Marin Water Managers Quarterly Meeting

- This is a Zoom meeting with other Managers in Marin (and Supervisor Rodoni)
- We discussed:
  - **County Wide Approach to Sea Level Rise**
    - Not much to report as this work is in the beginning stages, but County assures BCPUD (and the rest of West Marin) that the Consultants hired to create this comprehensive approach will be soliciting our input
  - **"One Water" Initiative** with the Department of Public Works (Rosemarie Gaglione)
    - One Water will:
      - Encourage collaboration among all Water Agencies
      - Aim to ensure entire County is compliant around State, County and local regulations (e.g. MWELO ([Model Water Efficient Landscape Ordinance](#)))
  - **SB 552 and the County's Drought Resilience Plan**
    - [SB 552](#) mandates that (in concert with the State) local governments pro-actively prepare for drought
    - Again, this is the beginning stages, but the County is convening a task-force to begin this work (our first meeting is scheduled for 5/14/2024)

# Meetings Attended ...continued

## Stinson Water

- Belle and I met with Stinson Water's **Kent Nelson** (GM) and **Marc Matheson** (Office & Grants Manager).
- In this introductory meeting we touched on many matters including:
  - Advice on operational and administrative software
  - Smart Water Meters
  - Opportunities for collaboration
- I will continue to seek their advice and hope to find opportunities to collaborate in the future.



# Meetings Attended...continued

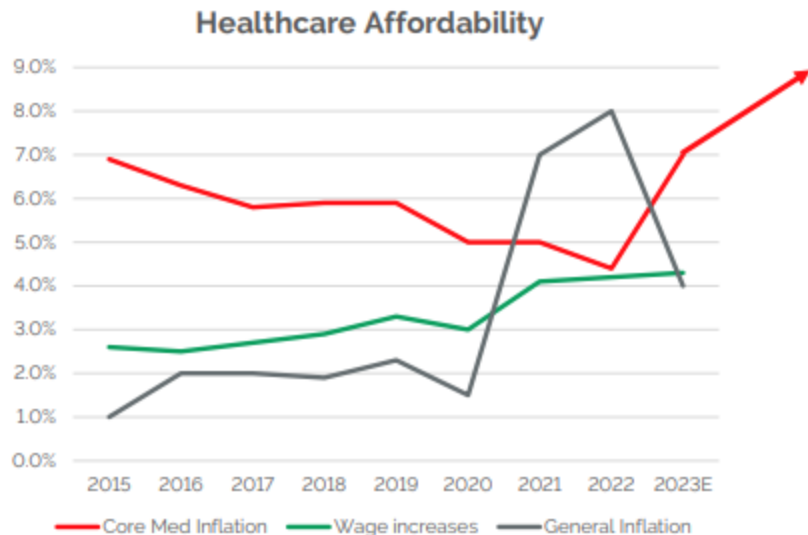


## ACWA JPIA Spring Meeting Summit

- ACWA JPIA is our Insurance Agency (Employee Benefits, Liability, Property, Worker Comp.)
- I attended this meeting on 5/6/2024- 5/7/2024 in Sacramento
- This is a meeting of their Board; as a Member Group, BCPUD's attendance is mandatory

## Meeting session on Employee Benefits

- News Flash: Healthcare costs are increasing!



## Sexual Harassment Prevention:

- I received Sexual Harassment Prevention Training
- This is mandatory for BCPUD Directors too!
- *In your supervisory role, as a Director of BCPUD, you need to take 2 hours' worth of training every 2 years.*

***Also, when is the last time you read BCPUD's Employee Handbook?***

# Operations Update

## Well Project Update

- On April 19 we turned in our 'resubmission packages' to Marin County as part of the long-drawn-out application process for seeking Coastal Development Permits.
- We expect to receive word **any day now!!!** as to whether the County will issue permits for both the 31 Wharf and Resource Recovery wells. We remain hopeful!



# Operations Update

## Azolla in Woodrat 1 Reservoir

- At the beginning of May, the Operators alerted me that the Azolla is out of control and beyond their capacity to deal with in-house.
- We will need to hire an outside crew to do removal.
- I expect this to cost ~\$20,000, based on the last time we had this done.
- I will bring back “Azolla removal” for a more in-depth discussion once I have a plan.

Speaking of reservoirs...it is my hope to revisit the discussion about pro-active management of this resource and formulate a strategic plan to improve water quality —stay tuned!



# Miscellaneous Updates

## IT contracted service

- Our longtime IT consultant, Kris Backenstose notified us that he will no longer be able to serve BCPUD—we are sad to see him go and are very grateful for all the support he has provided to the District over the years!
- We are in the process of vetting new IT consultants.
- **Once we figure out a plan I will bring it forward to the Board—stay tuned!**
- However, at this time I want to caution the Board: Kris was a friend of the District and effectively undercharged us for much of his work. I anticipate that, between ramping up our IT needs, and having more accurate billing, **our IT contracted service are going to be much more expensive than they have been historically—so brace yourself!**

# Miscellaneous Updates Continued

## **Bike Path Repair Project**

- It is looking more and more likely that we will need to seek Coastal Development Permits for this project.
- We are supposed to meet with County Planners this month (May) to get a definitive answer and to find out if there are any workarounds in any portions of the path.
- Not great news—but stay tuned!