

# Water & Recycled Water Supply Update

Board of Public Utilities Meeting

February 4, 2021

*Peter Martin – Deputy Director Water Resources*

*Emma Walton – Deputy Director Water Reuse*



# Water Year Rainfall Totals to Date

Location	Rainfall Oct 1 – February 2, 2021	Percentage of Normal*
Ukiah	8.96"	43%
Santa Rosa	8.94"	42%

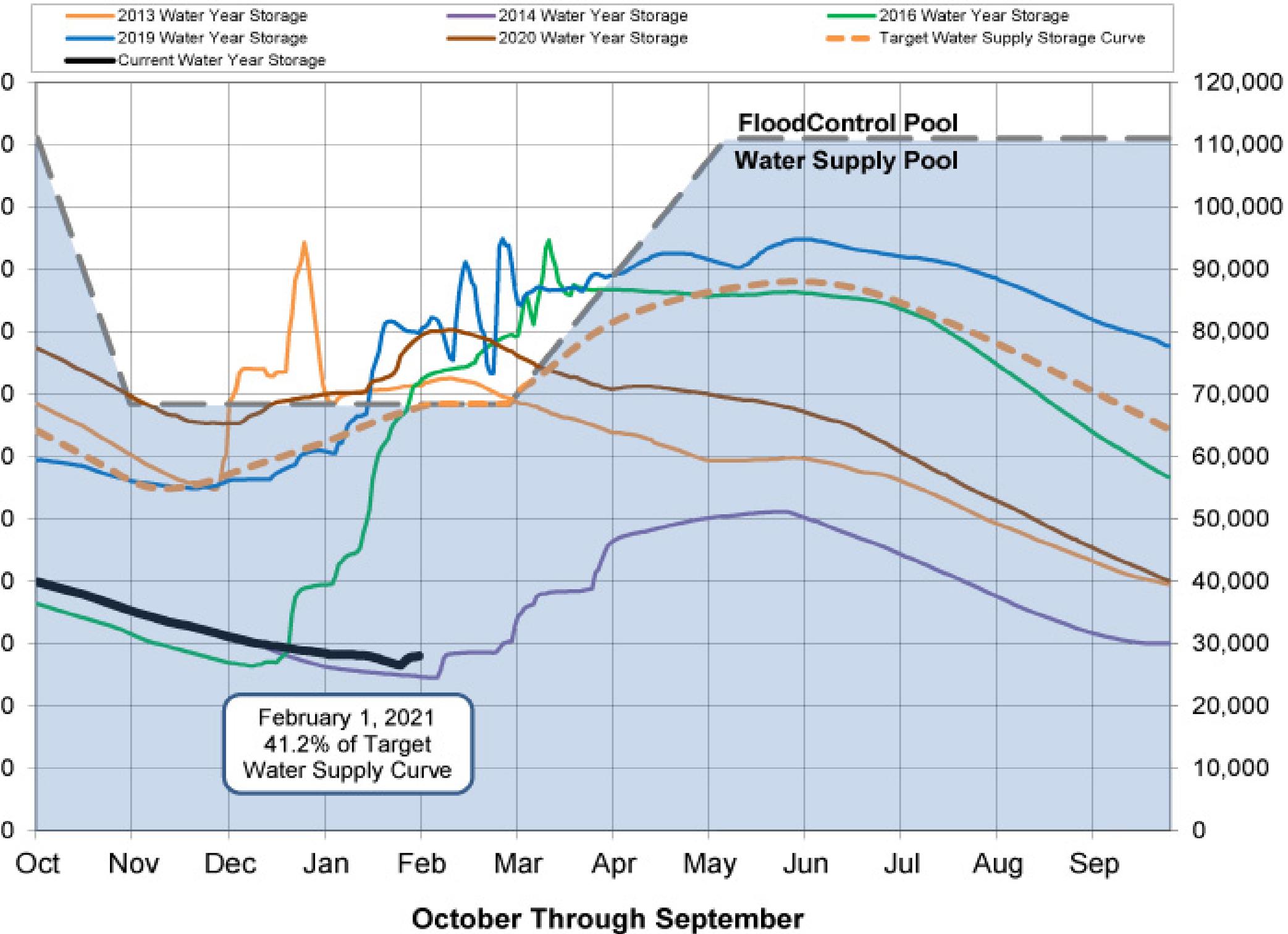
Source: CA-NV River Forecast Center

\*Percentage of Normal based on 1981-2010 Averages

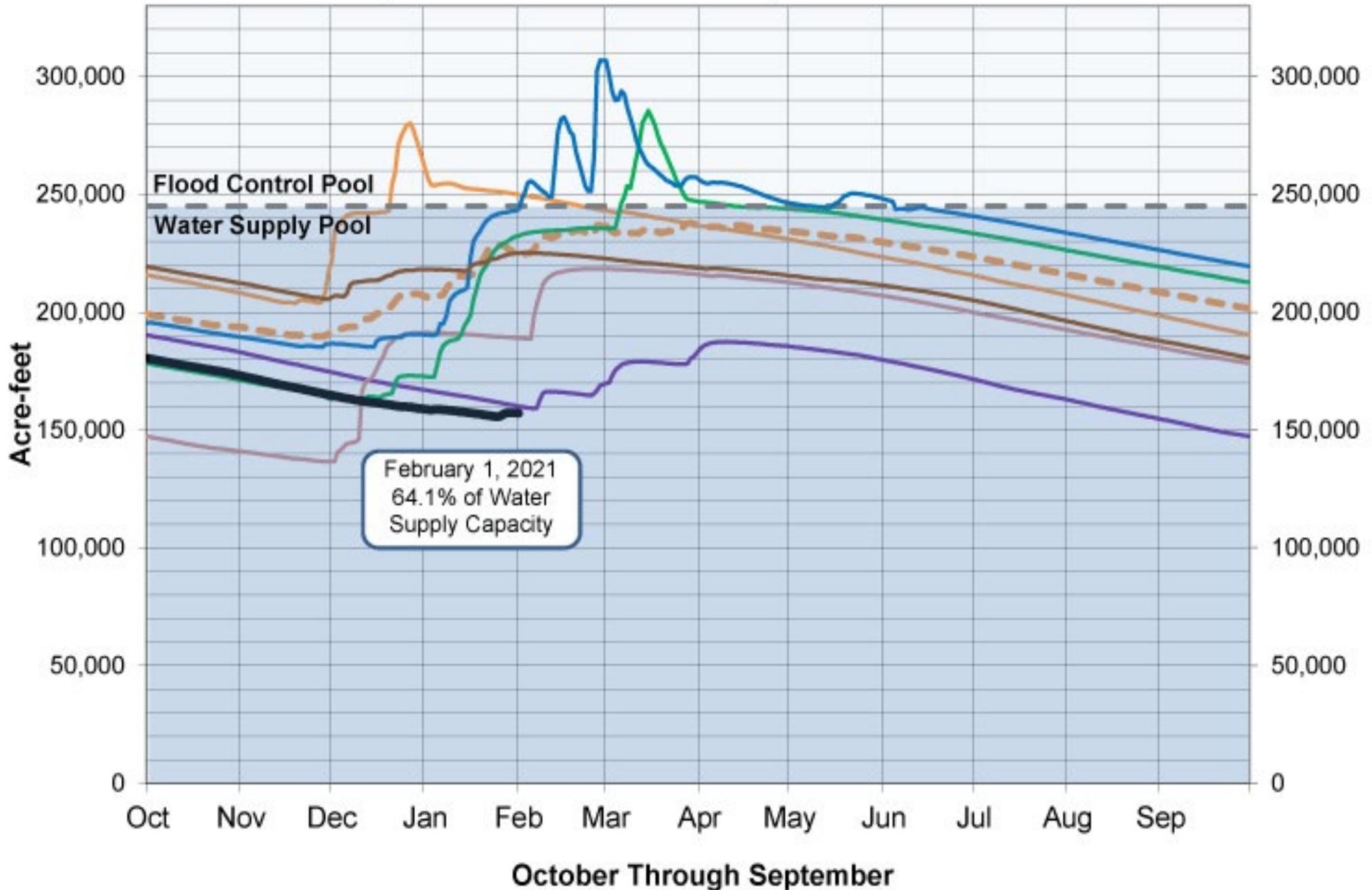
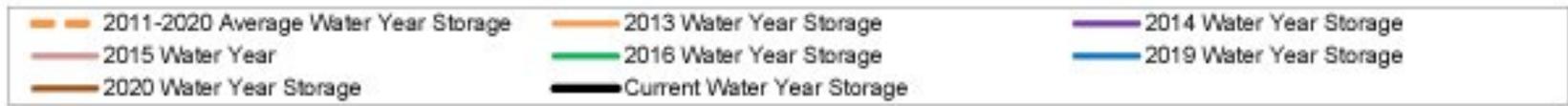


OUR FUTURE IN EVERY DRÖP

# Lake Mendocino Storage



# Lake Sonoma Storage



# 2021 Sonoma Water Temporary Urgency Change Petition

- ***TUCP Filed by Sonoma Water January 7, 2021***
  - Noticed January 19, 2021 and Order from SWRCB is pending
- ***Proposed changes to Water Right Permit Terms***
  - *Lake Mendocino storage levels serve as hydrologic index for determining water year conditions and minimum instream flow requirements for Upper Russian River*
- ***As of today, conditions would change from **NORMAL** to **CRITICAL*****
  - Instream Flow: Upper Russian River – 25 CFS
  - No changes are requested to Lower Russian River at this time



OUR FUTURE IN EVERY DRÖP

# 2021 Sonoma Water Temporary Urgency Change Petition

- ***Similar to what was received by SWRCB in 2013-14***
  - Storage levels are currently trending closely with that water year
- ***Modeling shows critical levels projected in Lake Mendocino by end of Water Year (<20,000 AF) without intervention***
  - Potential for significant impacts to survival of fish species and agricultural and municipal users
- ***Would also need to be coordinated with NCRWQCB, NMFS & CDFW***
  - Salmonids are present in watershed and being monitored
  - Flow Regimes – Impacts to water quality and other salmonid life stage considerations



OUR FUTURE IN EVERY DRÖP

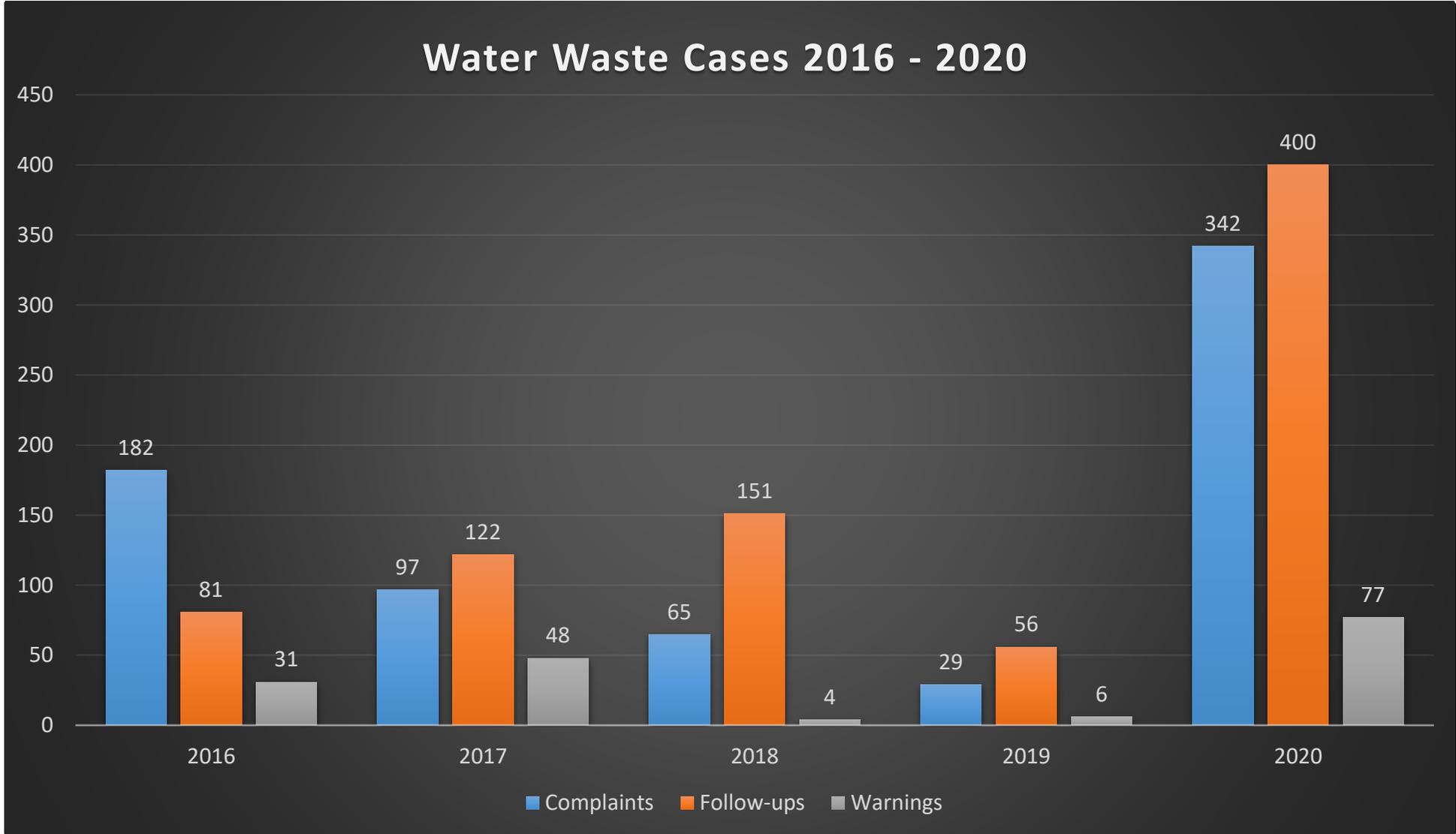
# Santa Rosa Water Activity

- Continued coordination with Regional Partners
- Additional Outreach (February)
  - New Radio Spot – Maintain WaterSmart habits
  - Facebook, Instagram, Twitter
  - Customer bill messaging
  - City Connections Newsletter
- WaterSmart Yard Page overhaul in anticipation of outdoor irrigation season



OUR FUTURE IN EVERY DRÖP

# Water Waste Ordinance follow-up / corrective actions



# 2020 Water Waste Reports



# Continuous Use Case Studies - AMI

## Large institutional customer

- Found 4 large leaks, including irrigation system, two process water leaks, and a service line fracture
- Average savings: 27,000 gallons per day

## Commercial customer

- Found toilet leak in vacant building on property campus
- Average savings: 5,200 gallons per day

## Dedicated Irrigation meter customer

- Found two increasing leaks, one underground in an abandoned building
- Average savings: 14,000 gallons per day



OUR FUTURE IN EVERY DRÖP

# We are here to help!

**Santa Rosa Water Use  
Efficiency Contact:**

**[Srcity.org/WaterSmart](http://Srcity.org/WaterSmart)**

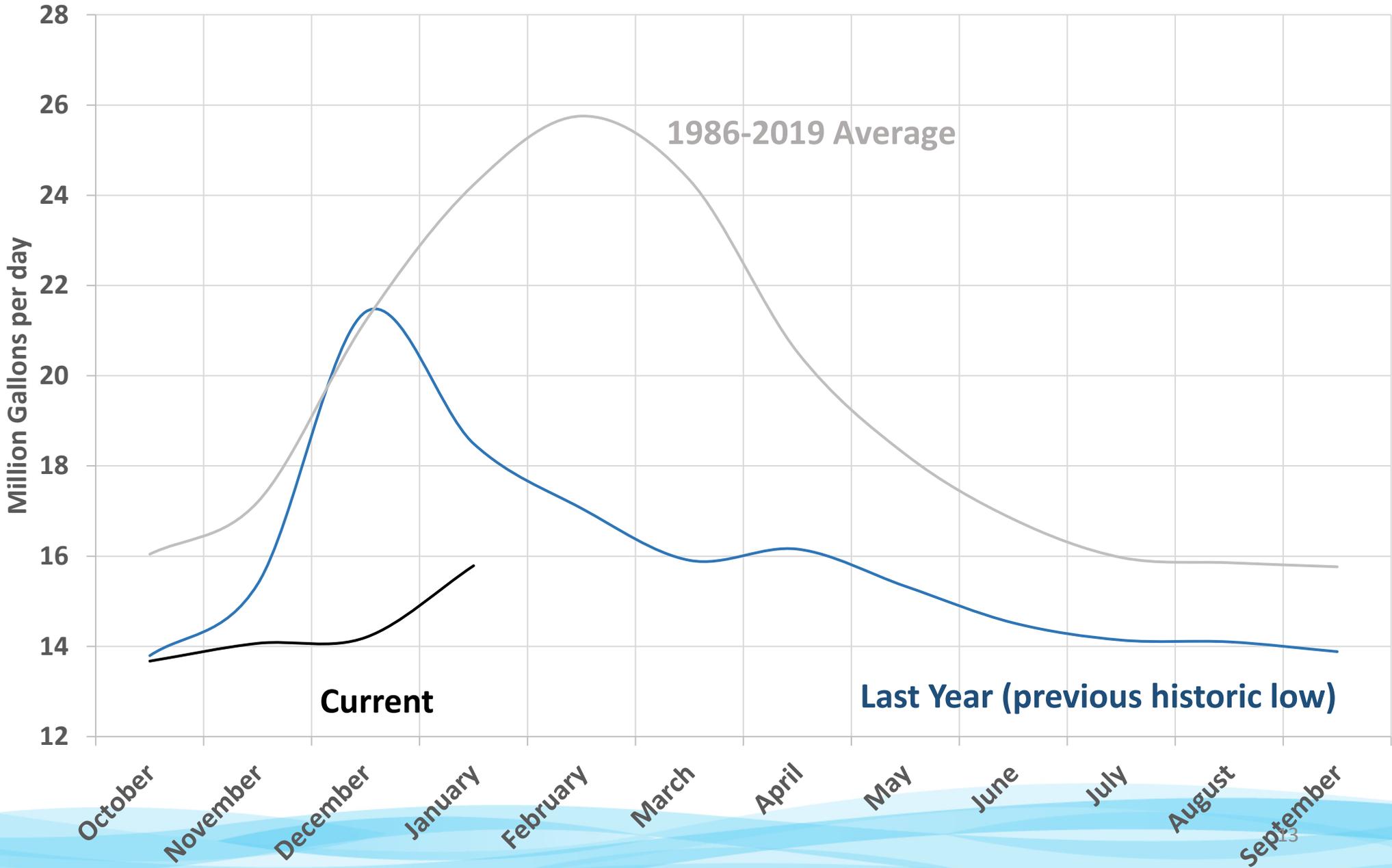
**(707) 543-3985**



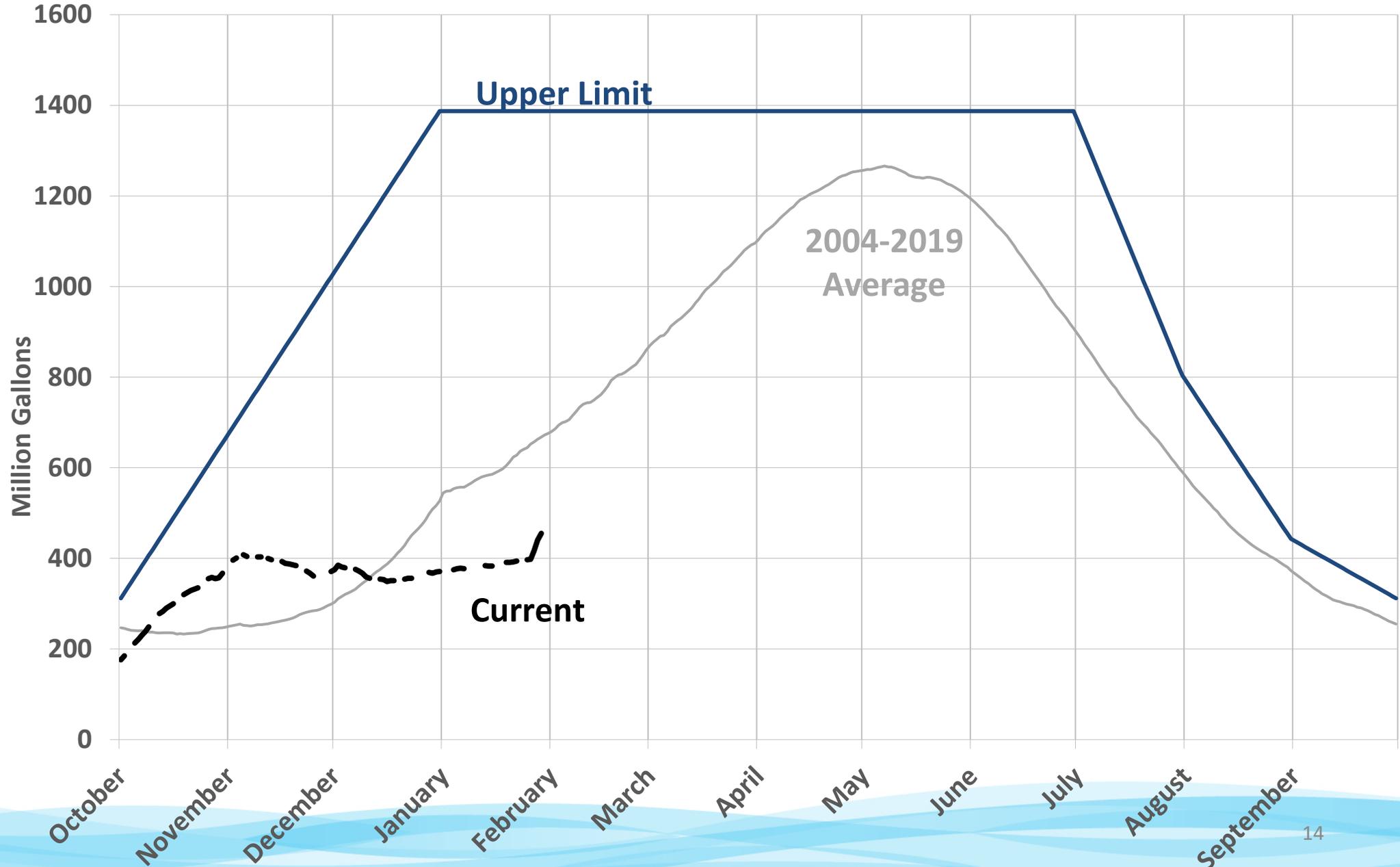


# Recycled Water Supply Update

# Recycled Water Production



# Recycled Water Storage



# Water Availability

- Preparing for Little/No Recycled Water for Interruptible Customers – Establishing Ad Hoc
- Ongoing Ag User Meetings and Updates
- Ongoing Cooperation with Regional Partners



# CONNECT WITH US!

CALL: 707.543.4200

EMAIL: [SRWATER@SRCITY.ORG](mailto:SRWATER@SRCITY.ORG)

VISIT: SRCITY.ORG/WATER



OUR FUTURE IN EVERY DRÖP