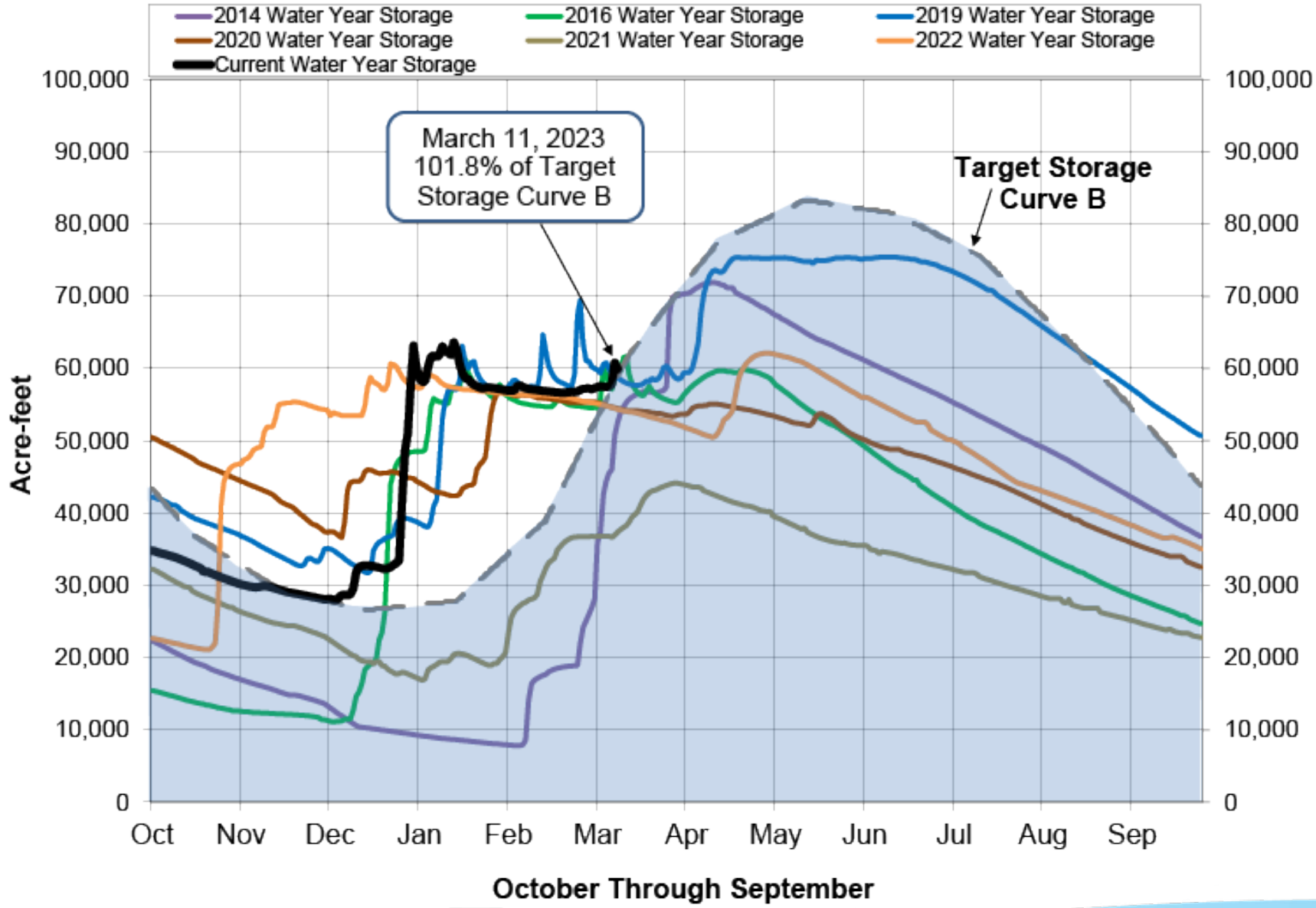
# Water and Recycled Water Update

Board of Public Utilities Meeting
March 16, 2023

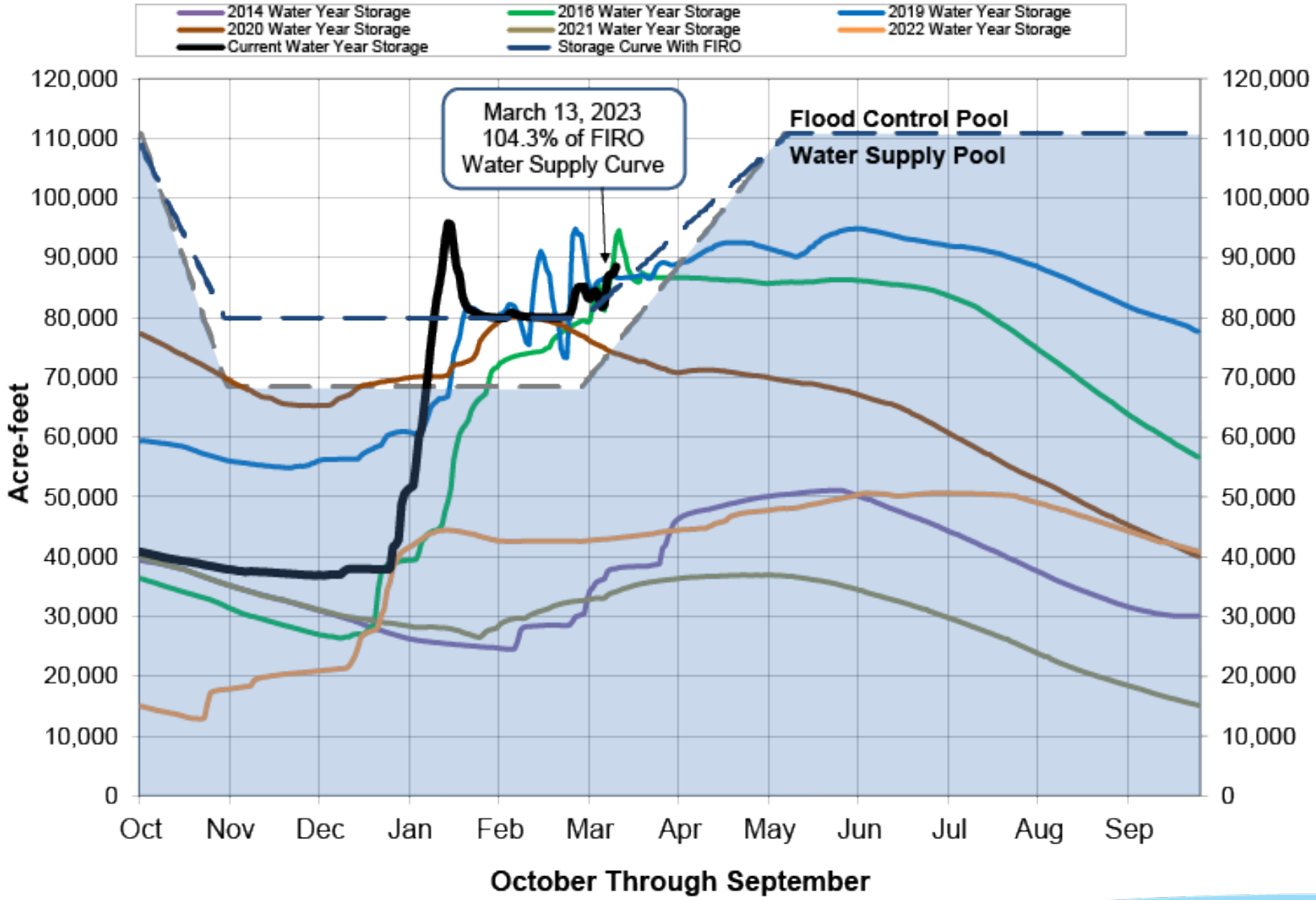
Peter Martin – Deputy Director Water Resources
Mike Prinz – Deputy Director Water Reuse

Santa Rosa WATER

# Lake Pillsbury Storage

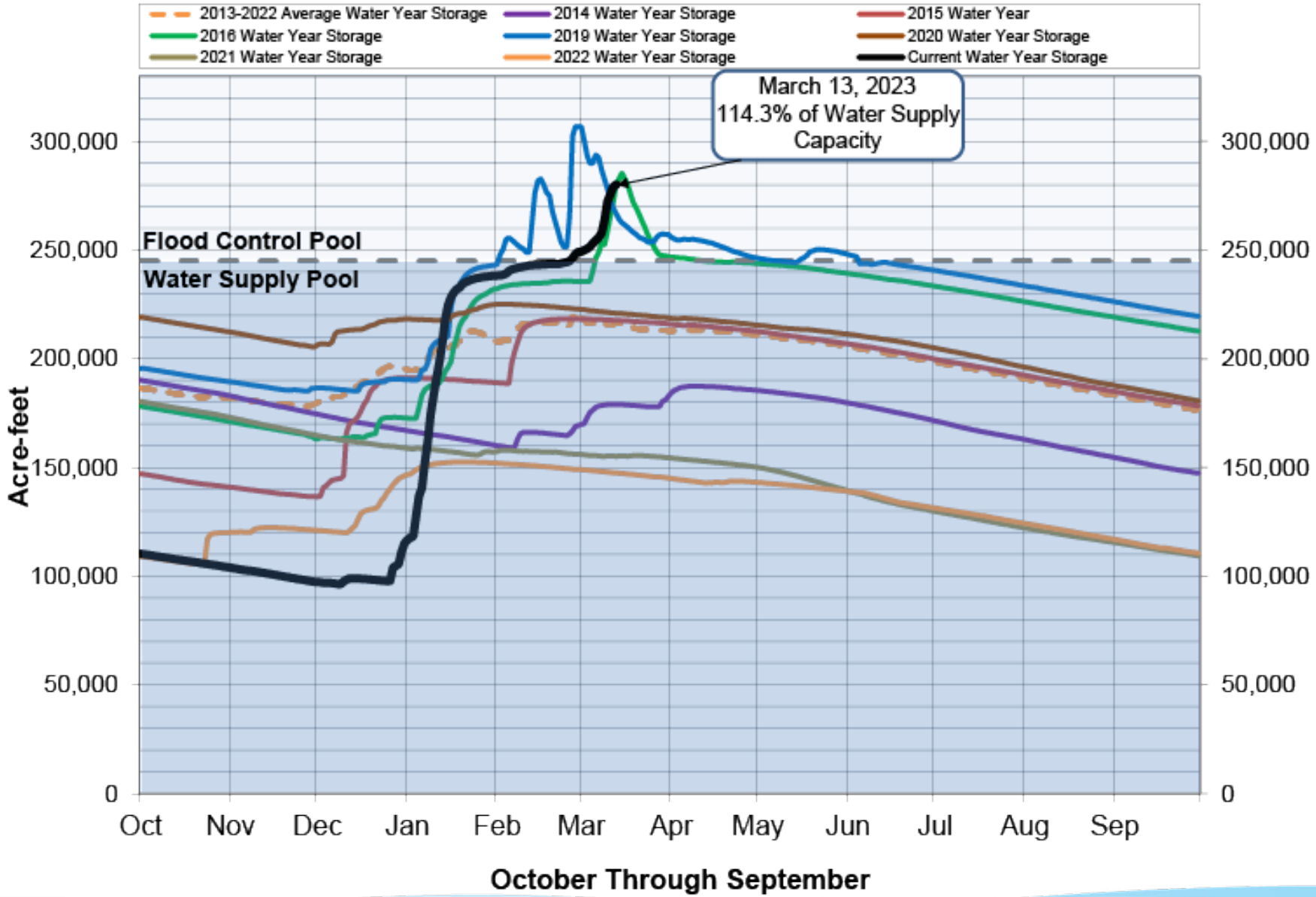


# Lake Mendocino Storage




Santa Rosa WATER

# Lake Sonoma Storage



# Water Year Rainfall Totals to Date

| Location | Rainfall Oct 1, 2022 – March 12, 2023 | Percentage of Normal* | Normal Water Year Total* (Oct-Sept) |
|---|---|---|---|
| Ukiah | 32.61” | 118% | 34.84” |
| Santa Rosa | 33.78” | 123% | 33.78” |

Source: CA-NV River Forecast Center

*Percentage of Normal / Water Year Total Normal based on 1991-2020 Averages

Santa Rosa WATER

# Lake Mendocino and Lake Sonoma Operations

- **Lake Mendocino storage encroached flood control storage on January 8th**
  - USACE is now operating and making releases
  - WY 2021 – 2026 major deviation in control manual to store additional 11,650 AF above storage curve (FIRO assisted)
- **Lake Sonoma storage encroached flood control storage on February 27th**
  - USACE authorization to store additional 19,000 AF above 245,000 AF water supply pool this water year (minor deviation)

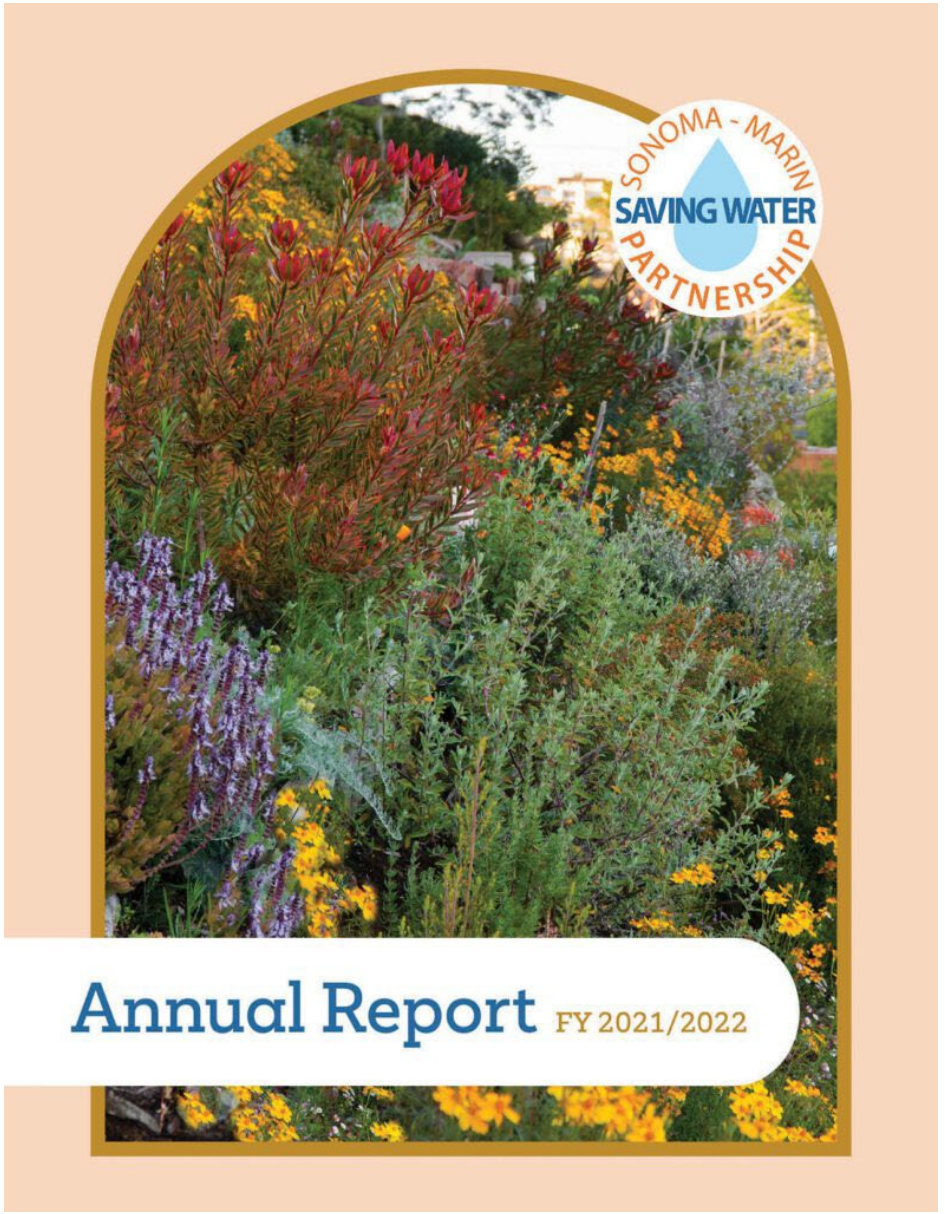
Santa Rosa WATER

# Sonoma-Marin Saving Water Partnership Annual Report

## Fiscal Year 2021/2022 Highlights

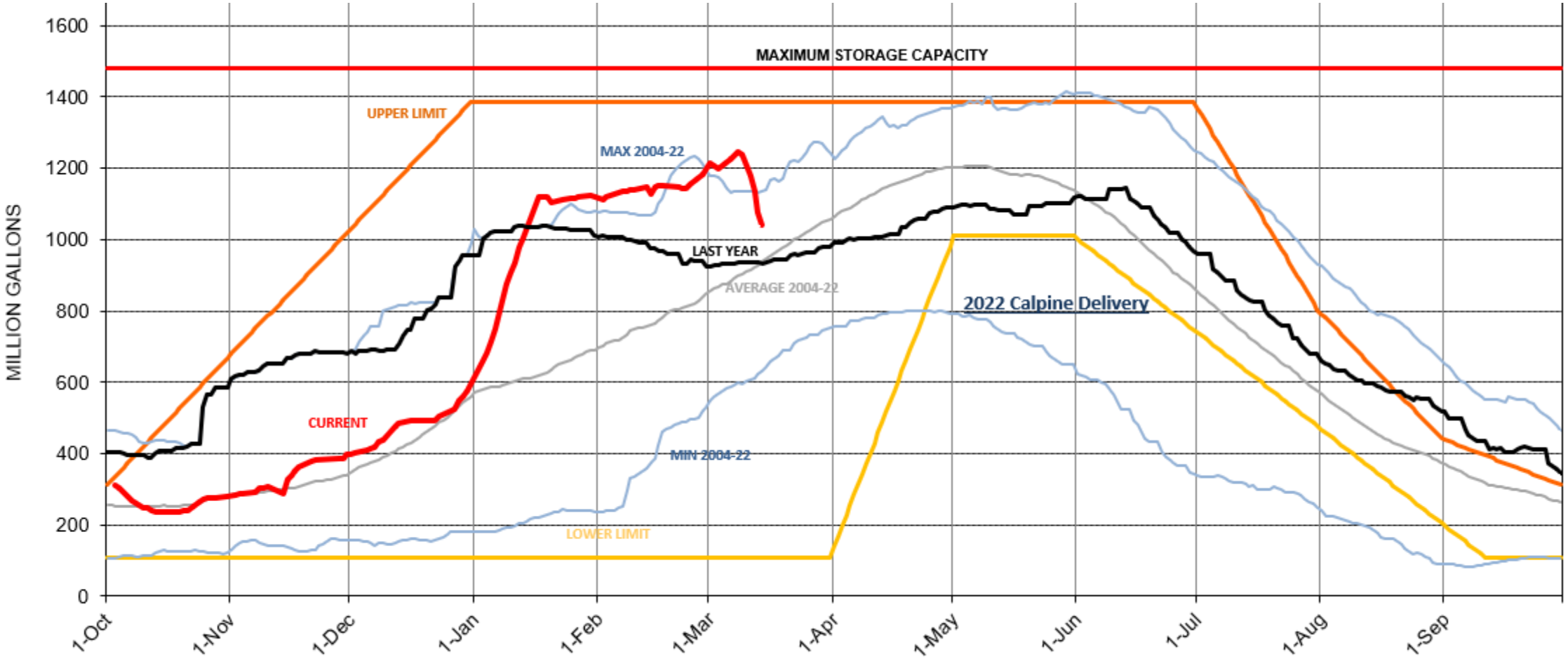
- 922,000 Square Feet of Turf Removed
- 25 Water Use Efficiency Workshops
- 24 “Pop Up” Events in region – Significant Coordinated Outreach
- 2 EPA WaterSense Awards: Outreach and QWEL Program
- 97 - Regional Average GPCD

https://www.savingwaterpartnership.org/about/annual-reports/



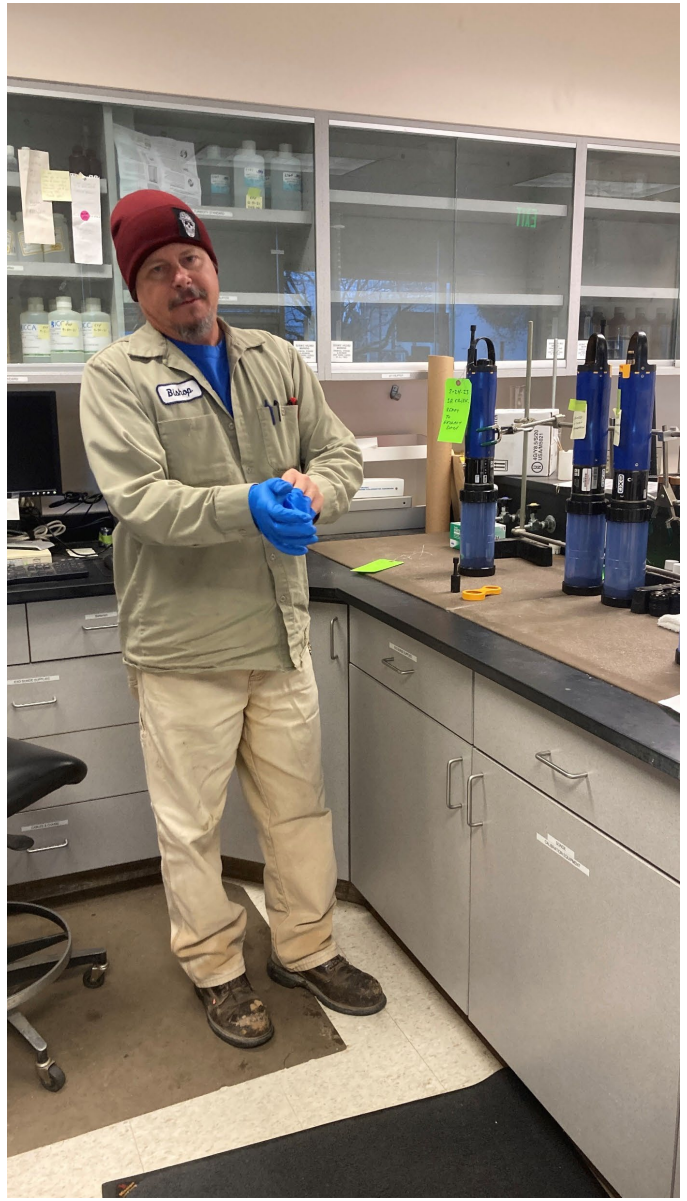

Santa Rosa WATER

# Current Recycled Water Storage



# Discharge Continues - Intermittently

# Data Collection



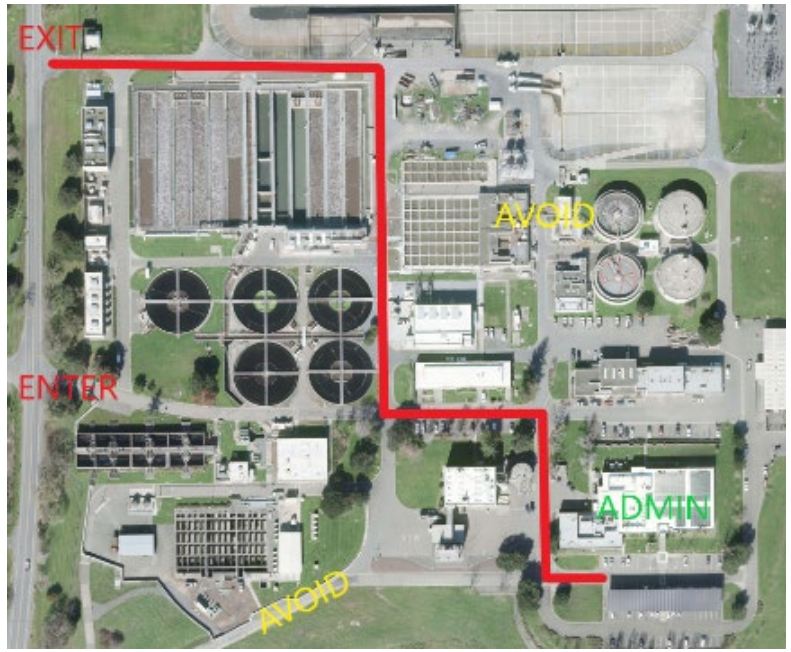
# Part of the Team

# Discharge To Date

- Discharged approximately 522 million gallons
- Equates to 8,157 pounds of Phosphorus, which equals 8,157 credits used for discharge
- SR Water has 7,473 Phosphorus credits remaining (after recent discharge events)

# UV Construction Update

- Total Payments to date:  $7.82M (11.5%)
- Mass excavation
- Sheet Piling
- Hypochlorination System Relocation



STOP

MOBILRAM
TM 20 LR
#1231
KOMATSU
CAT
SHIMMICK

# Questions?