Water Supply Update
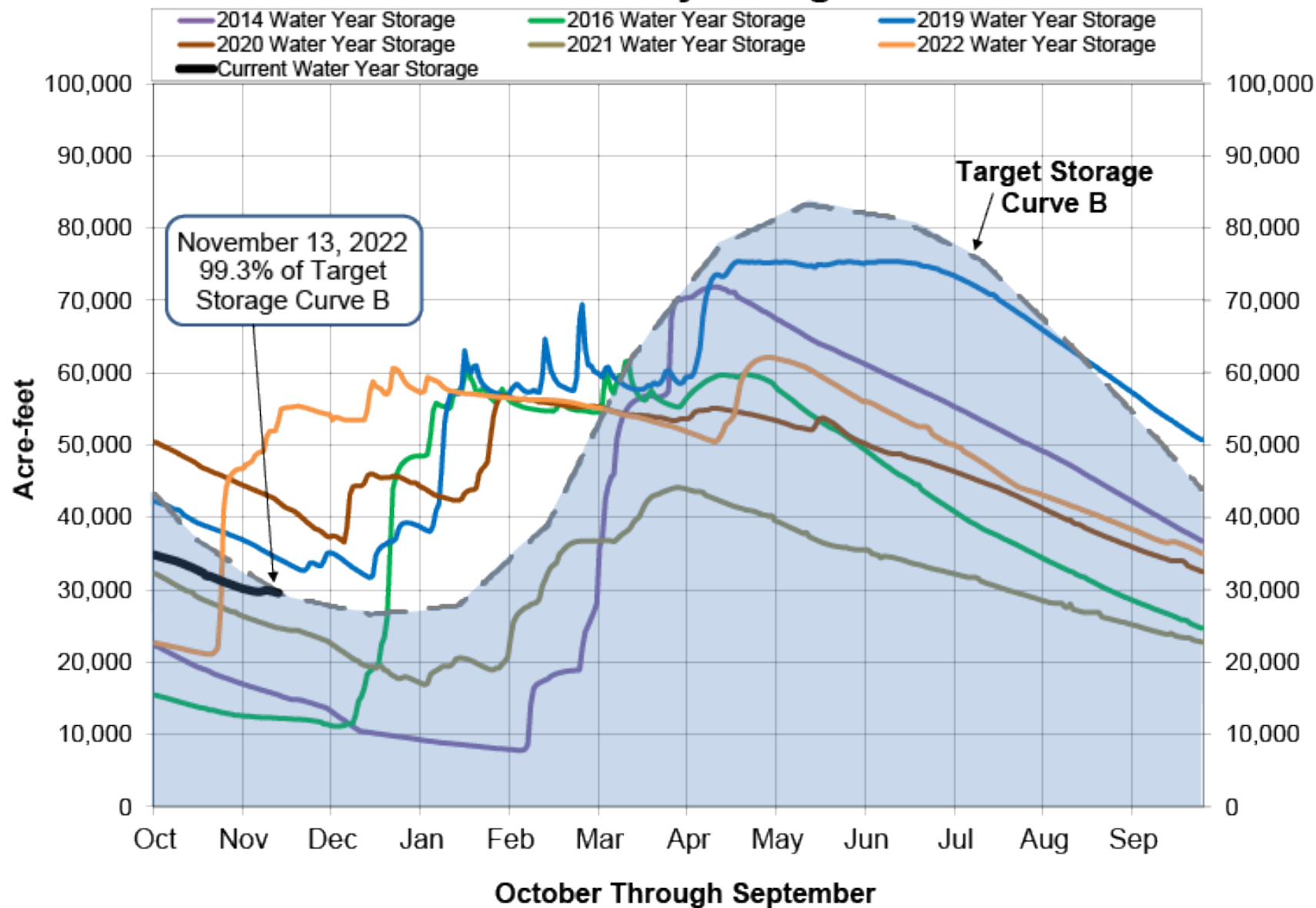
Board of Public Utilities Meeting

November 17, 2022
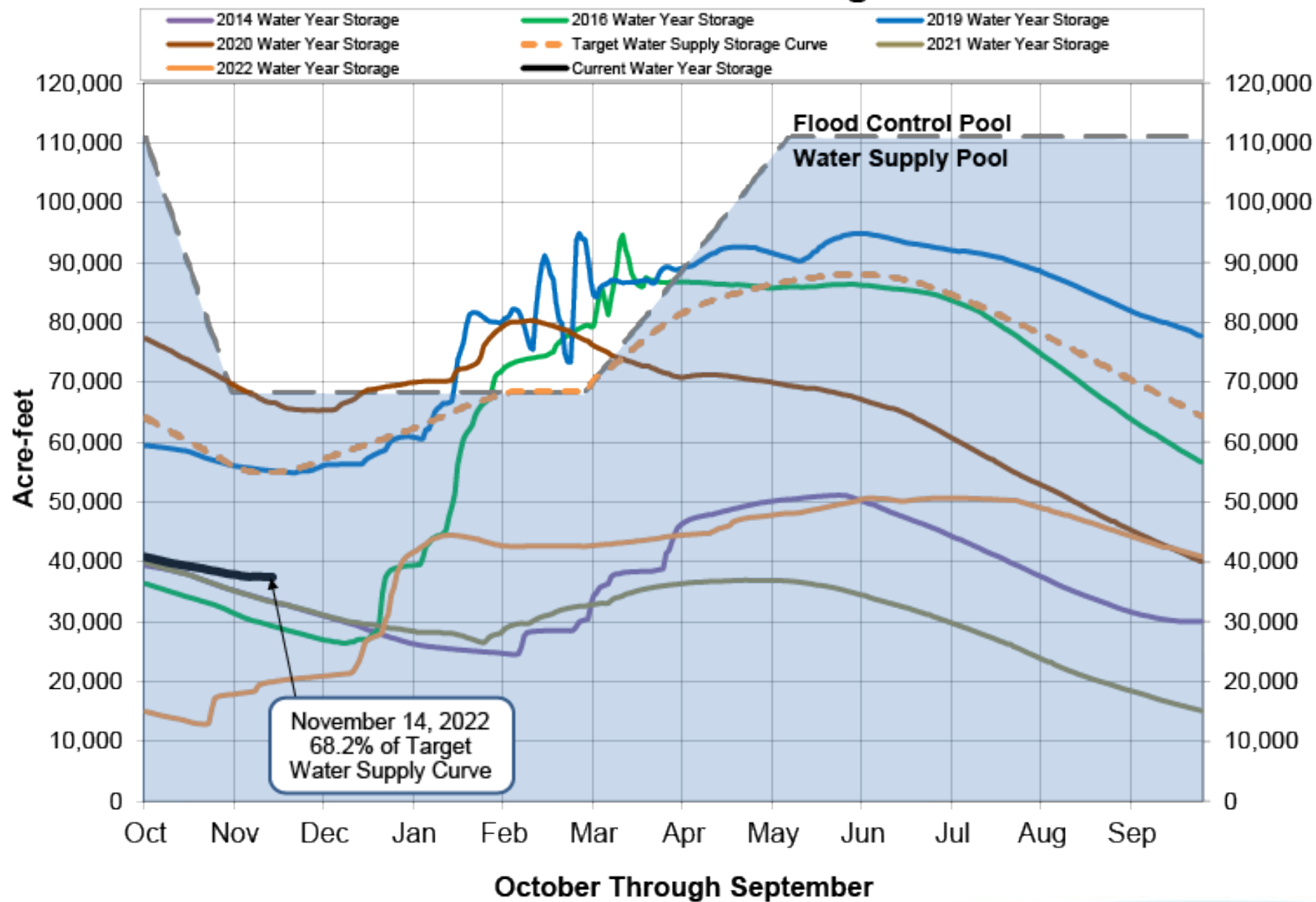
Peter Martin – Deputy Director Water Resources

Lake Pillsbury Storage

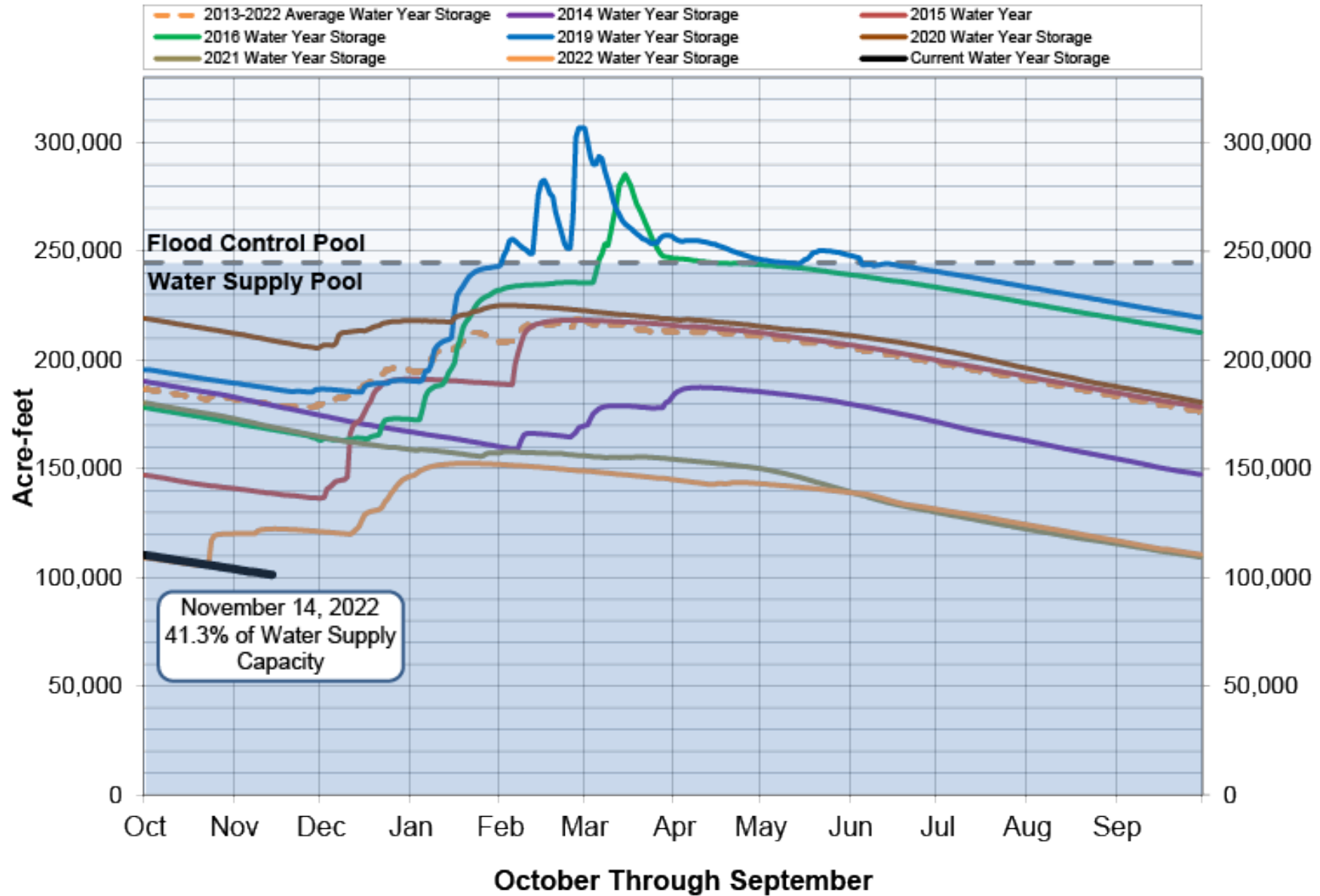October Through September

2

Lake Mendocino Storage

Legend:
- 2014 Water Year Storage
- 2016 Water Year Storage
- 2019 Water Year Storage
- 2020 Water Year Storage
- Target Water Supply Storage Curve
- 2021 Water Year Storage
- 2022 Water Year Storage
- Current Water Year Storage

Flood Control Pool
Water Supply Pool

November 14, 2022
68.2% of Target
Water Supply Curve

Acre-feet (y-axis): 0 – 120,000

X-axis: Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep

October Through September

Lake Sonoma Storage

Weekly Water Supply Levels

LAKE SONOMA

Average October Storage 2013-2022:
182,778 acre-feet
74.6%

Current Storage:
105,031 acre-feet
42.9%
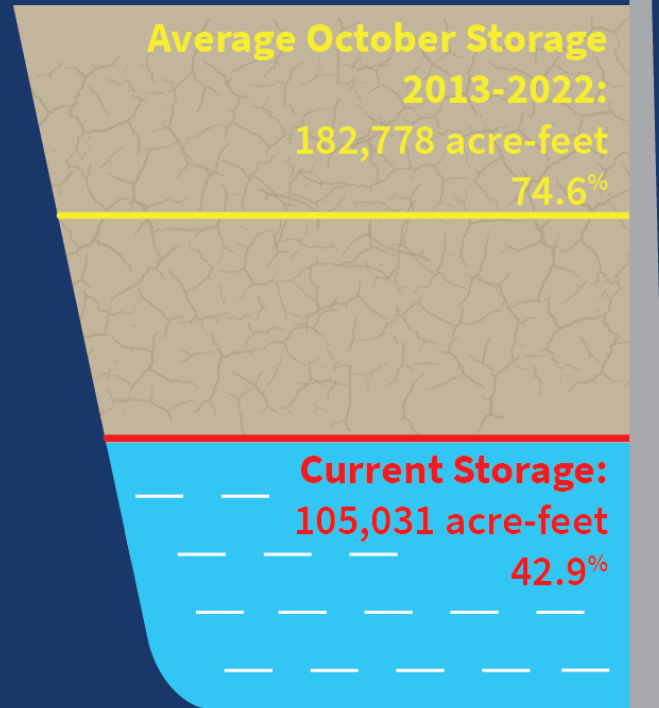
Total Water Supply Capacity:
245,000 acre-feet

LAKE MENDOCINO

Average October Storage 2013-2022:
45,787 acre-feet
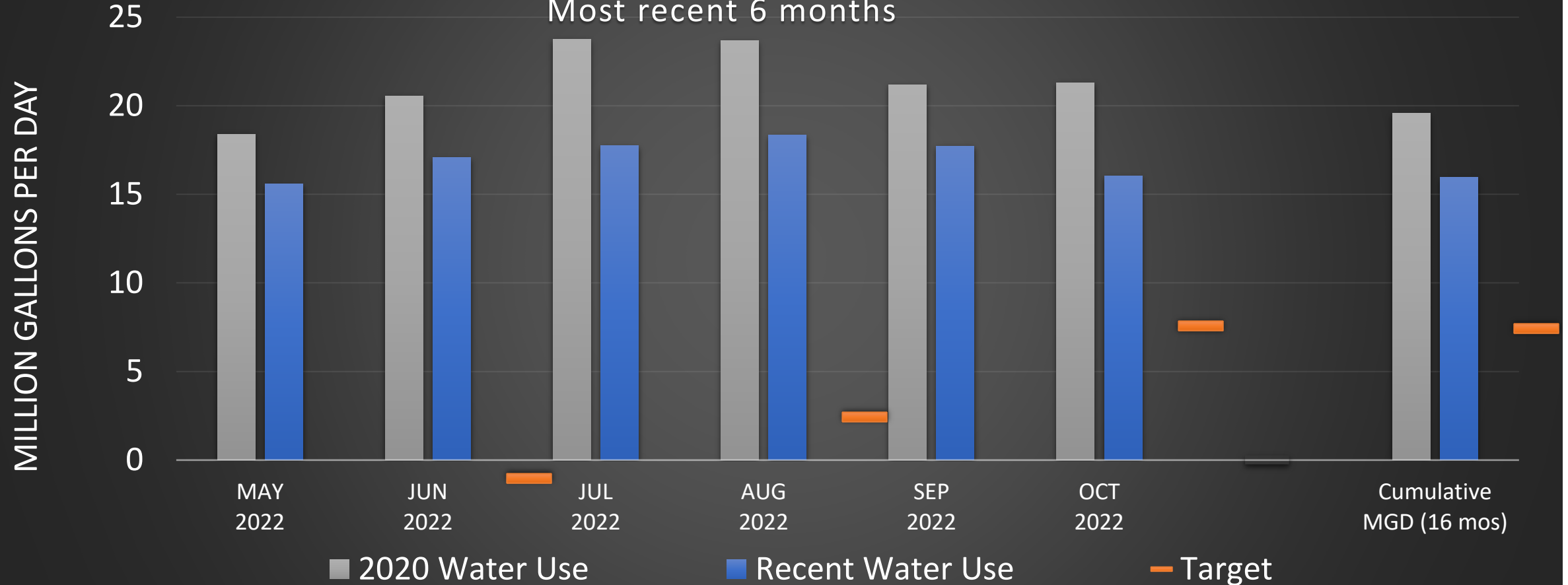80%

Current Storage:
38,296 acre-feet
67%
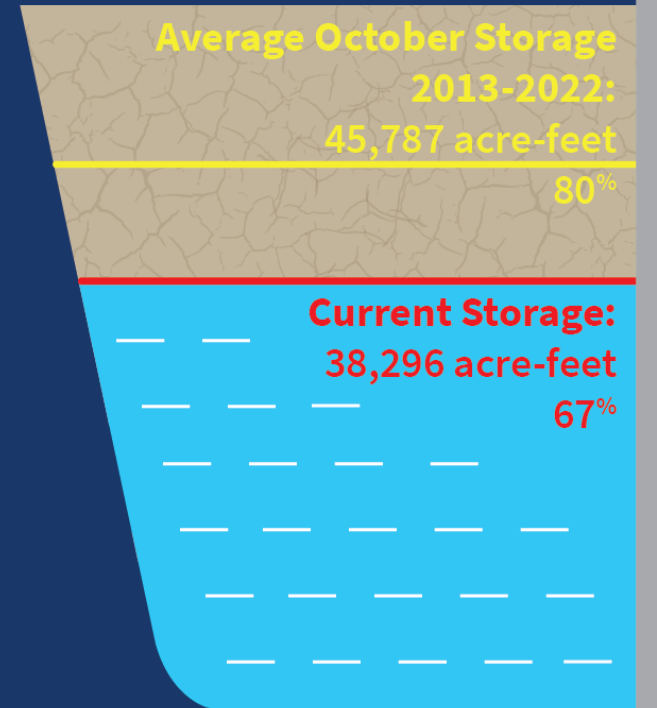
Target Water Supply Curve:
57,199 acre-feet

Levels as of October 27, 2022

5

Santa Rosa Drought Response
Most recent 6 months

- In October 2022, Santa Rosa residents reduced water use by **25%** compared to June 2020
- From July 2021 - October 2022, water use has been reduced by **19%** compared to 2020

Sonoma Water: Temporary Urgency Change Petition Filed – October 28th

- June 2022 Temporary Change Order Expiring Dec 12, 2022
- Sonoma Water filed Temporary Urgency Change Petition
  - Anticipating reduced transfers from Eel River via PVP
  - The TUCP requests hydrologic index determining instream flow requirements be based on Lake Mendocino storage (instead of Pillsbury inflow) beginning January 1
    - Reporting, monitoring of fishery conditions & water quality
    - Consultation with fishery agencies, SWRCB, NCRWQB
    - No diversion reduction specified, contractor conservation remains in effect

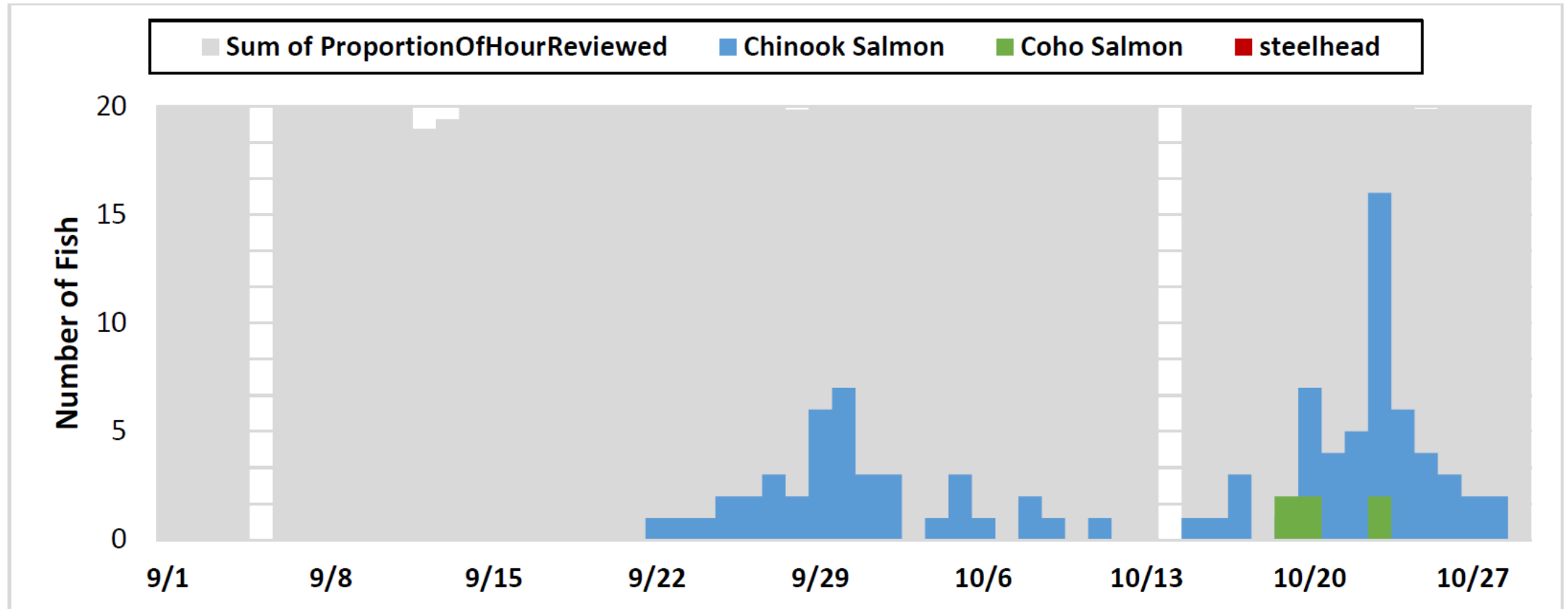# Sonoma Water: Fall Fish Migration Monitoring

Figure 1. Number of adult salmonids and proportion of each day reviewed for video monitoring data collected at the Mirabel dam, 2022.

Green Exchange Program: Post-Participation Surveys

- Staff have been seeking input from customers regarding Green Exchange Program via surveys for marketing purposes:

  - Using contractor? DIY?
  - Customer Service Feedback

Green Exchange Program: Post-Participation Surveys

- **21 responses so far:**

  - Using contractor? DIY?
    - Hybrid - Design DIY & contract labor

  - Customer Service Feedback
    - 19 of 21 customers ranked program as excellent (5 of 5 stars)

  - Will continue to survey participants to determine additional program opportunities
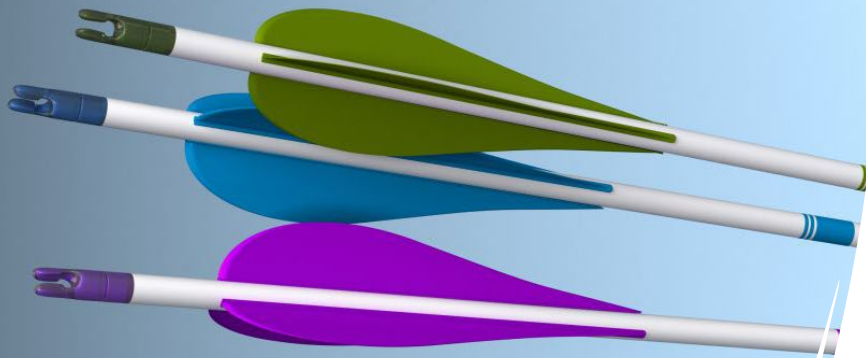
Santa Rosa Water is here to help you save!

For WaterSmart Resources, visit:

srcity.org/WaterSmart

For the latest drought updates, visit:
srcity.org/SaveWater