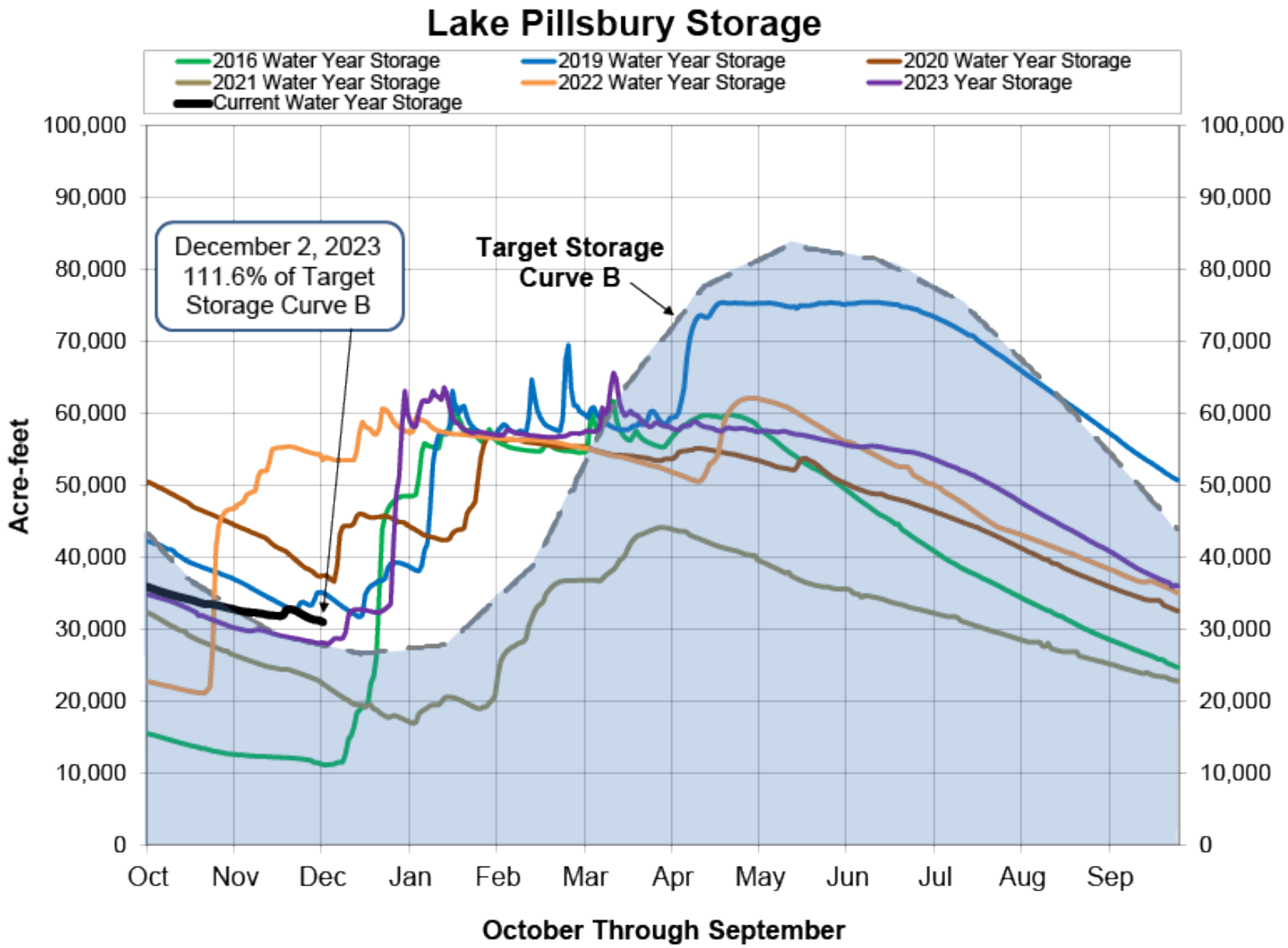
Water Supply Update

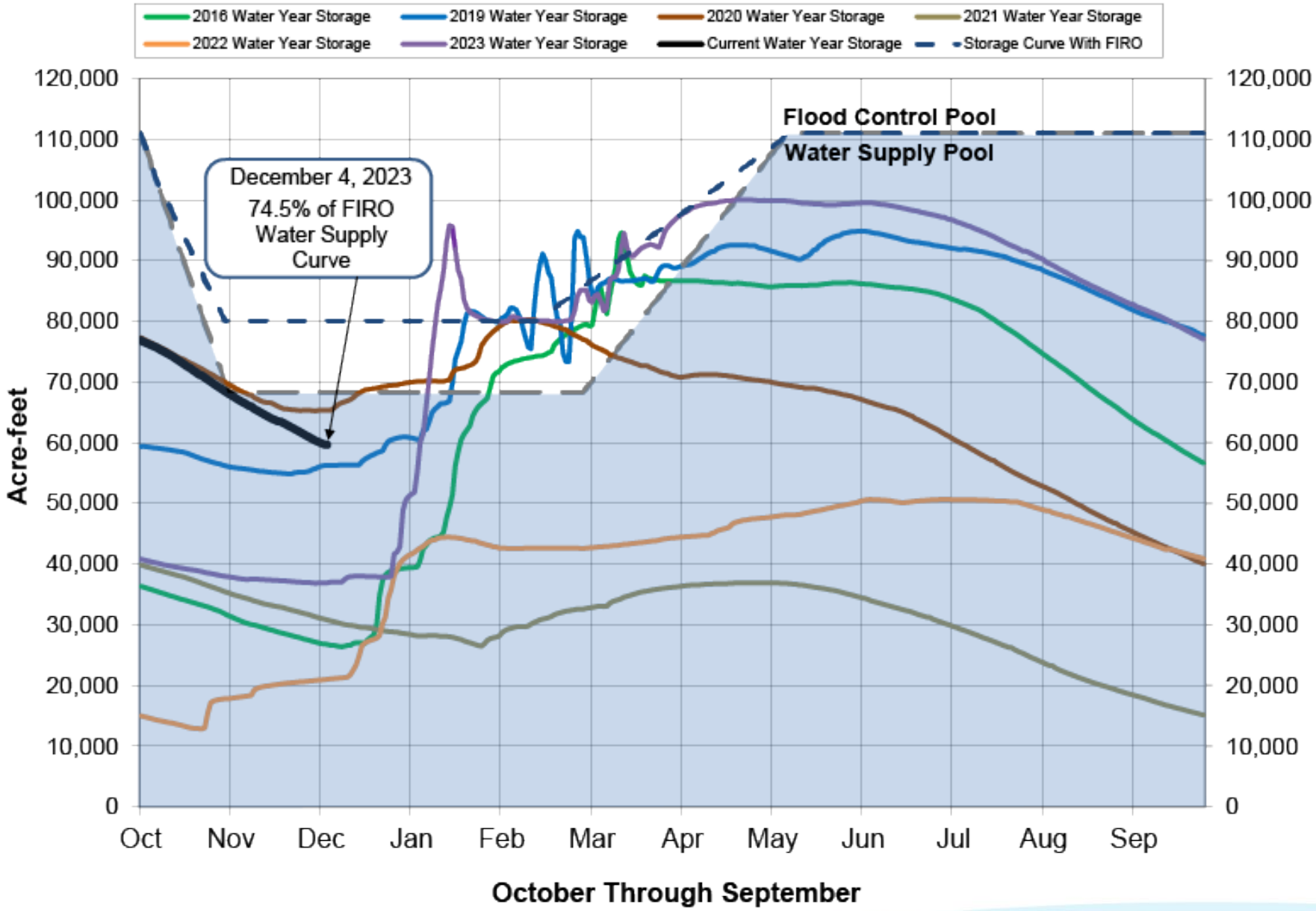
Board of Public Utilities Meeting
December 7, 2023

Peter Martin
Deputy Director Water Resources

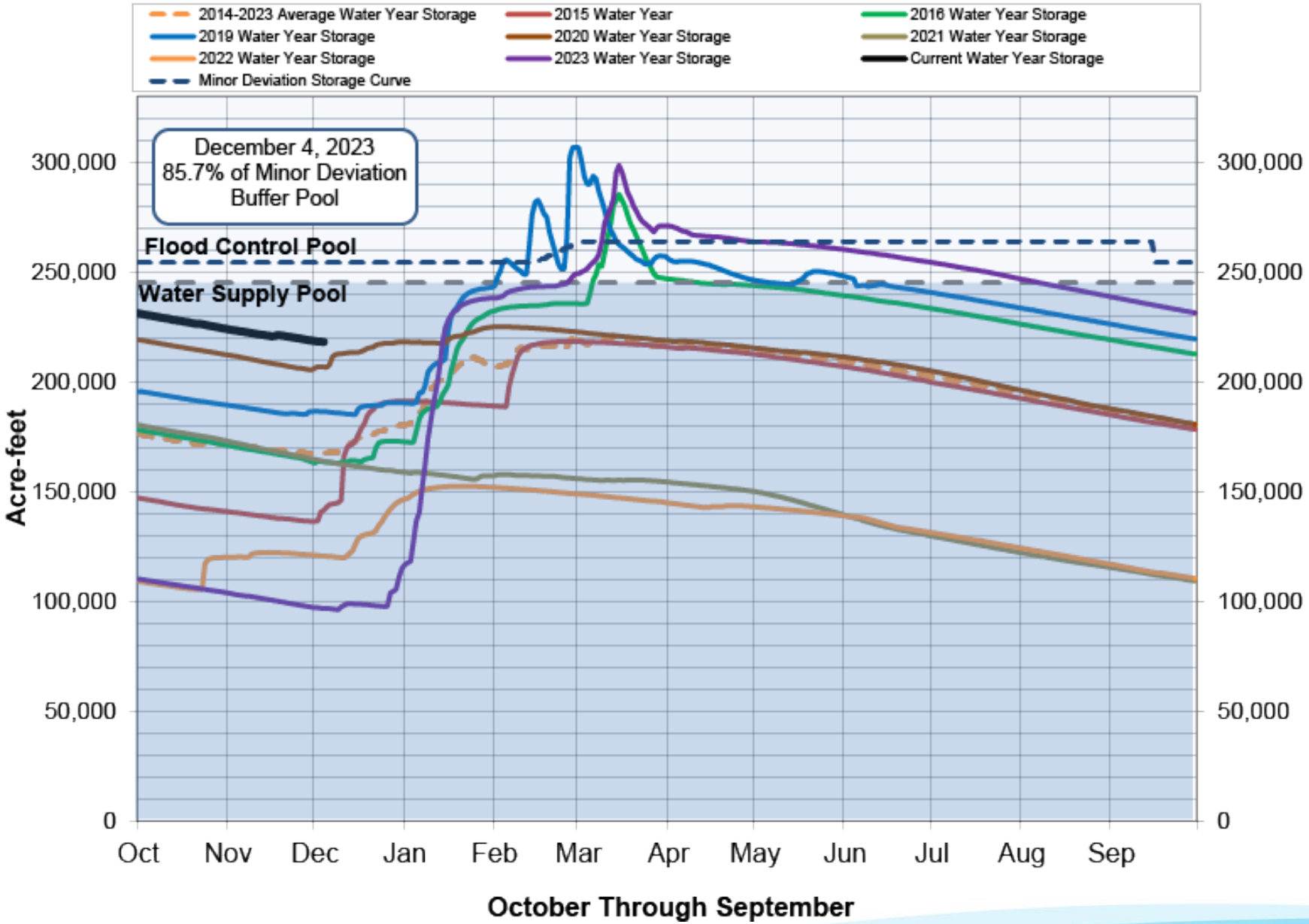
Santa Rosa WATER


Lake Pillsbury Storage
2016 Water Year Storage
2019 Water Year Storage
2020 Water Year Storage
2021 Water Year Storage
2022 Water Year Storage
2023 Year Storage
Current Water Year Storage
December 2, 2023
111.6% of Target
Storage Curve B
Target Storage
Curve B
Acre-feet
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
October Through September

Lake Mendocino Storage



Lake Sonoma Storage



PG&E Initial Draft License Surrender Application

November 17th: Pacific Gas and Electric Company (PG&E) released the Potter Valley Project initial draft license surrender application and conceptual decommissioning plan for public comment

- Includes removal of Scott, Cape Horn Dams
- Includes Eel-Russian Facility Proposal from regional partners

PG&E Initial Draft License Surrender Application

- PG&E must submit a draft license surrender application in June 2024, and final application in January 2025
  - Ongoing consultation with resource agencies and tribes
- Regional work continues on Eel-Russian diversion design and other elements for upper Russian River water supply reliability
- Joint exercise of powers agreement for Eel-Russian Project Authority

Making Conservation a California Way of Life

- Evolution from SB x7-7 (20% reduction by 2020)
- Legislation: AB 1668 and SB 606, “The Long-Term Framework”
- Enacted in 2018, targets established in 2022, implementation in 2023
- Regulation planned for final adoption in Summer 2024
- After 2027, fines for non-compliance with overall objective:
  - Up to $1,000 / day during non-drought years
  - Up to $10,000 / day during drought

Santa Rosa WATER

Water Agency Water Use Objective =

INDOOR RESIDENTIAL USE STANDARD

+

OUTDOOR RESIDENTIAL USE STANDARD

+

COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL LANDSCAPE STANDARD

+

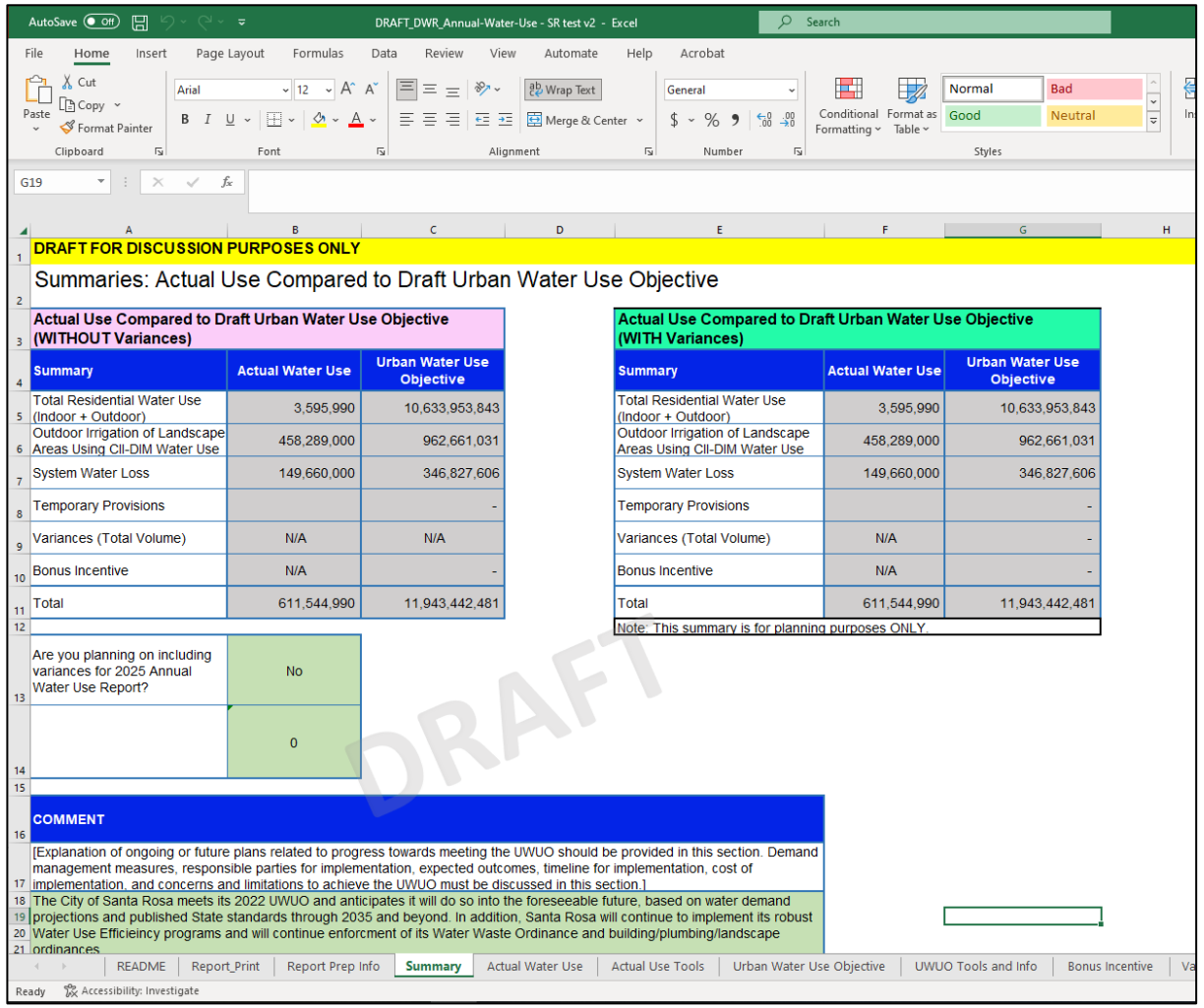
WATER LOSS STANDARDS

+ (Variances) + (Recycled Water Bonus)

Santa Rosa WATER

Interim Reporting Due January 1, 2024

- Reporting due despite regulation not being finalized
- Interim data, in 2024, collected by Department of Water Resources
- Final report, in 2025, collected by SWRCB



DRAFT_DWR_Annual-Water-Use - SR test v2 - Excel

DRAFT FOR DISCUSSION PURPOSES ONLY

Summaries: Actual Use Compared to Draft Urban Water Use Objective

Actual Use Compared to Draft Urban Water Use Objective (WITHOUT Variances)

Summary	Actual Water Use	Urban Water Use Objective
Total Residential Water Use (Indoor + Outdoor)	3,595,990	10,633,953,843
Outdoor Irrigation of Landscape Areas Using CII-DIM Water Use	458,289,000	962,661,031
System Water Loss	149,660,000	346,827,606
Temporary Provisions		-
Variances (Total Volume)	N/A	N/A
Bonus Incentive	N/A	-
Total	611,544,990	11,943,442,481

Actual Use Compared to Draft Urban Water Use Objective (WITH Variances)

Summary	Actual Water Use	Urban Water Use Objective
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Variances (Total Volume)	N/A	-
Bonus Incentive	N/A	-
Total	611,544,990	11,943,442,481

Note: This summary is for planning purposes ONLY.

Are you planning on including variances for 2025 Annual Water Use Report?	No
	0

DRAFT

COMMENT

[Explanation of ongoing or future plans related to progress towards meeting the UWUO should be provided in this section. Demand management measures, responsible parties for implementation, expected outcomes, timeline for implementation, cost of implementation, and concerns and limitations to achieve the UWUO must be discussed in this section.]

The City of Santa Rosa meets its 2022 UWUO and anticipates it will do so into the foreseeable future, based on water demand projections and published State standards through 2035 and beyond. In addition, Santa Rosa will continue to implement its robust Water Use Efficieincy programs and will continue enforcment of its Water Waste Ordinance and building/plumbing/landscape ordinances

README | Report_Print | Report Prep Info | Summary | Actual Water Use | Actual Use Tools | Urban Water Use Objective | UWUO Tools and Info | Bonus Incentive

Ready | Accessibility: Investigate

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Overall Objective and Current Use

Objective (gallons)	Current Water Use (gallons)
8,315,000,000	4,307,000,000

Good news - water use is only 52% of interim target!

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Questions?

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