

Water Supply Update

Board of Public Utilities Meeting

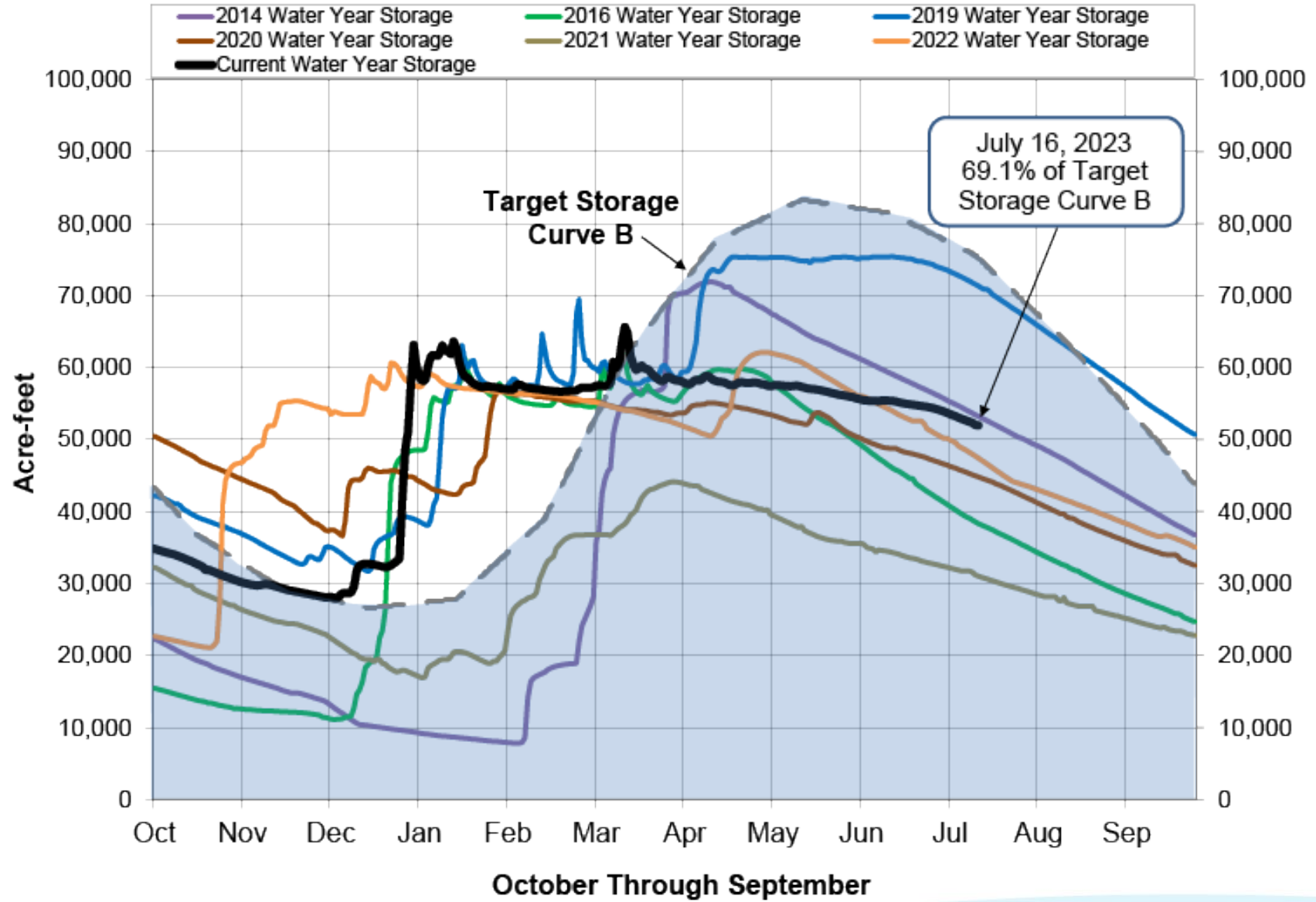
July 20, 2023

Peter Martin – Deputy Director Water Resources

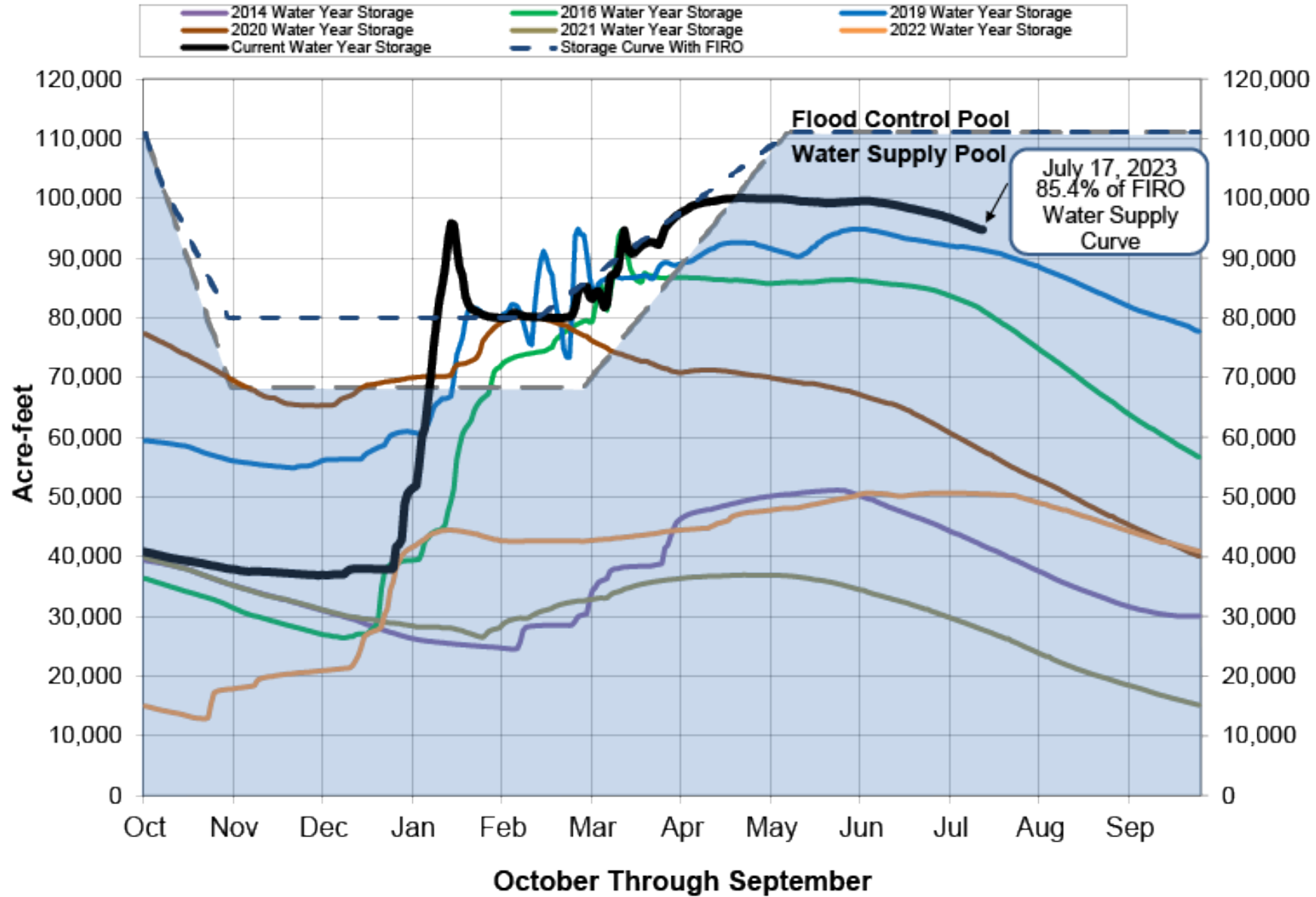
PG&E FERC Variance – Summer Operations

- Variance impacts to Russian River: Minimum flow releases to the East Fork of the Russian River reduced from 75 cfs to 25 cfs, as required by FERC during a dry water year
- Flexibility to adjust these flows to critically dry year releases of 5 cfs if daily average Lake Pillsbury release water temperatures exceed 16° Celsius
- In effect until Lake Pillsbury storage exceeds 36,000 acre feet following October 1, 2023
- PG&E developing long-term flow regime to assure compliance of environmental requirements with the spill gates remaining open permanently

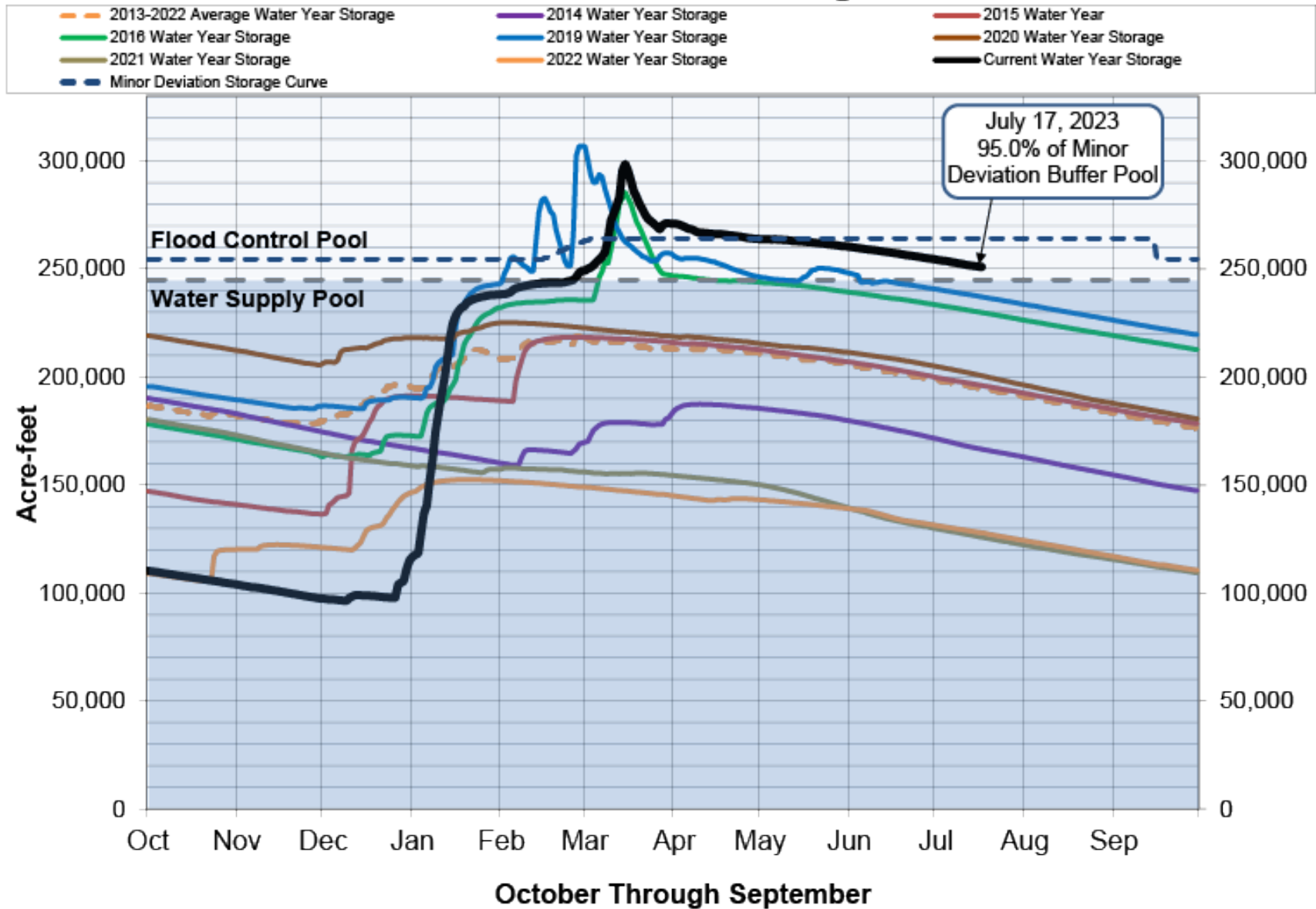
Lake Pillsbury Storage



Lake Mendocino Storage



Lake Sonoma Storage









Sonoma Water Operations: TUCO

- Temporary Urgency Change Order Issued by the State Water Resources Control Board on May 19
- Compliance with the 2008 Russian River Biological Opinion
- Term: May 1 – October 15
- Water Supply Conditions are **NORMAL**, minimum instream flow requirements are:
 - Upper Russian River: reduced from 185 cfs to 125 cfs
 - Lower Russian River: reduced from 125 cfs to 70 cfs



July is Smart Irrigation Month

- Irrigation scheduling tool
- Water smart plant picker

	Very Low Water Use			Low Water Use		
						
Irrigation Type	Drip Emitters	Inline Drip	Micro Spray	Drip Emitters	Inline Drip	Micro Spray
Run Time (Minutes)	19	10	6	29	14	10
Cycles Per Day	1	1	1	1	2	2
Days Per Week	1	1	1	2	1	1
Total Weekly Run Time (Minutes)	19	10	6	58	28	20

<https://www.savingwaterpartnership.org/>





Zero Waste Week: Santa Rosa Sponsored Events

Streamside Creek Protector Adventure Day (Ages 5+)

Thursday, July 27 | 9 a.m. - Noon | 4271 Streamside Drive

Laguna Treatment Plant Tours

Tuesday, July 25 | 11:00 a.m. - 12:0 p.m. |
Wednesday, July 26 | 1:00 - 2:30 p.m. |

REGISTER AT: srcity.org/zerowasteweek

REGIONAL INFO: zerowastenorthbay.org

Workshop: Tree Care During Climate Change Webinar

Tuesday August 8th – 6:00 – 7:30 pm

REGISTER AT: srcity.org/workshops



Join this FREE program to learn about:

- The ecological value that trees provide
- How to care for trees to maximize health and save water during times of drought
- How planting trees can help to reduce the impacts of climate change

Questions?