

Water and Recycled Water Supply Update

Board of Public Utilities Meeting

December 16, 2021

Peter Martin – Deputy Director Water Resources

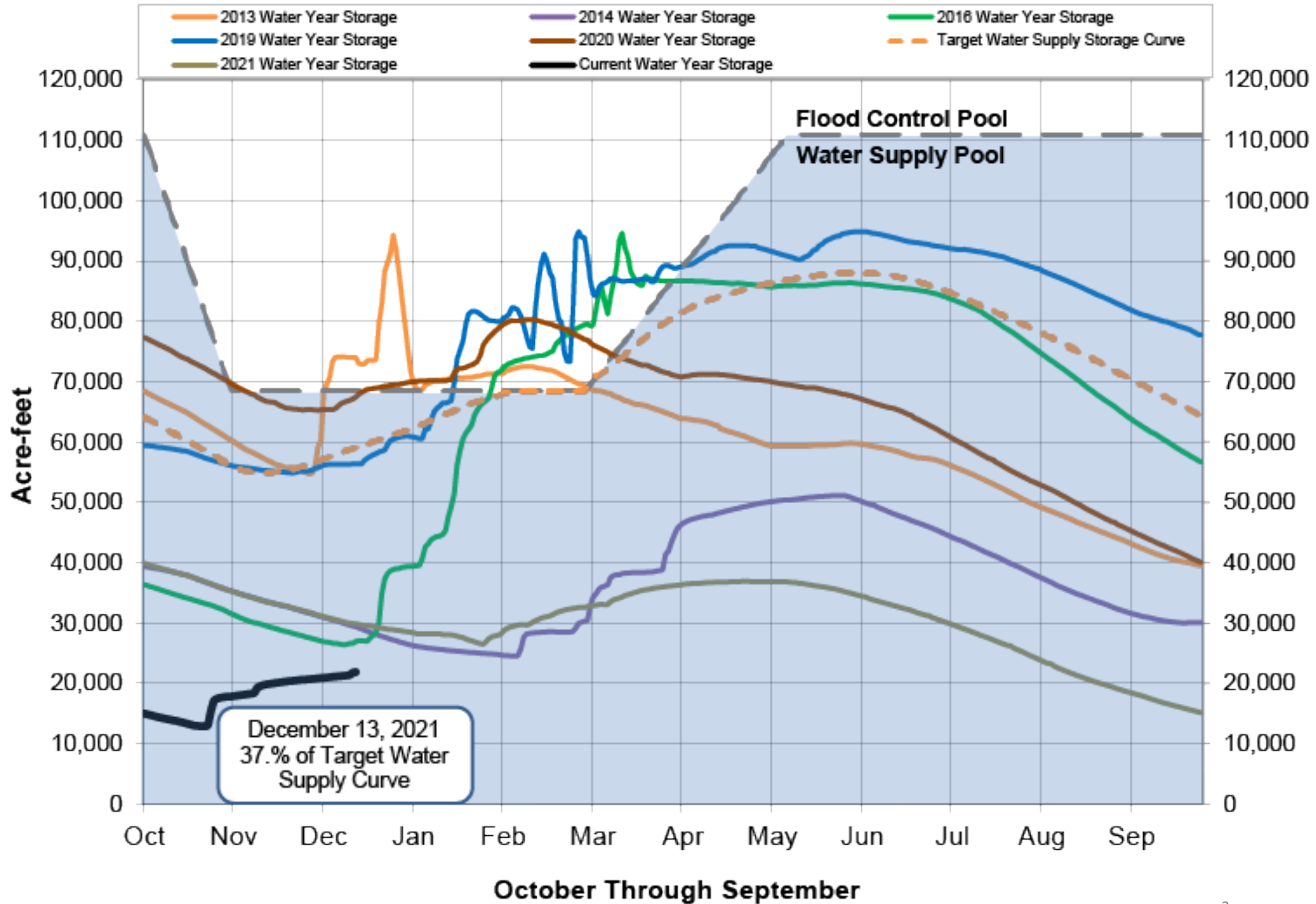
Emma Walton – Deputy Director Water Reuse



Sonoma Water TUCP (Filed 11/18)

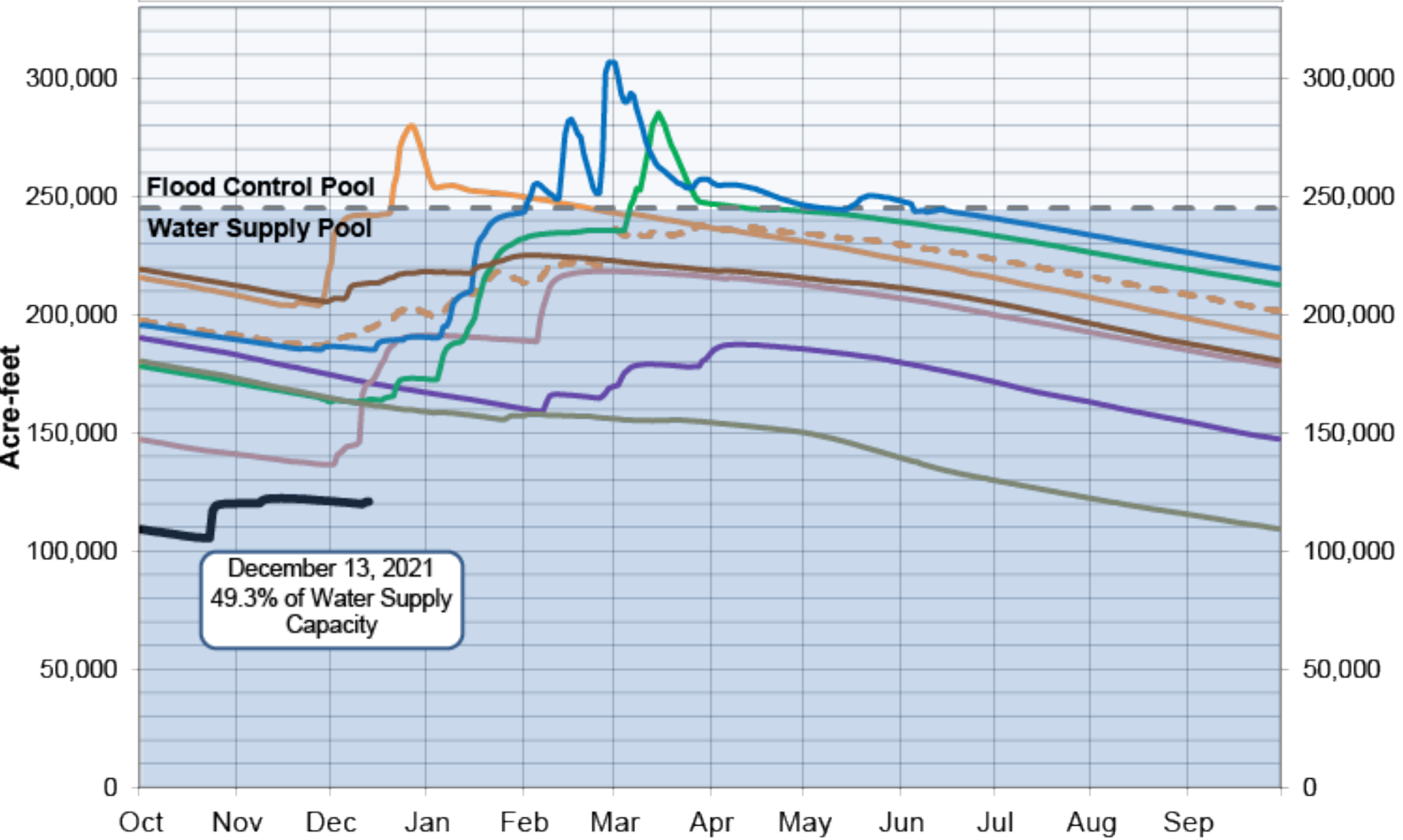
- Existing TUCO ended 12/10
- Potter Valley Project is experiencing equipment failure & not generating power
- Storage levels remain critical in both reservoirs
- Requesting relief from Upper and Lower Russian River instream minimum flow requirements
- Hydrologic Index based on Lake Mendocino Storage instead of Lake Pillsbury inflow through June 1 (*CRITICAL* water supply conditions exist today instead of *DRY*)

Lake Mendocino Storage



Lake Sonoma Storage

- 2012-2021 Average Water Year Storage
- 2013 Water Year Storage
- 2014 Water Year Storage
- 2015 Water Year
- 2016 Water Year Storage
- 2019 Water Year Storage
- 2020 Water Year Storage
- 2021 Water Year Storage
- Current Water Year Storage



December 13, 2021
49.3% of Water Supply Capacity

October Through September

Current Water Supply Levels

LAKE SONOMA

Current Storage:
120,217 acre-feet
49.1%

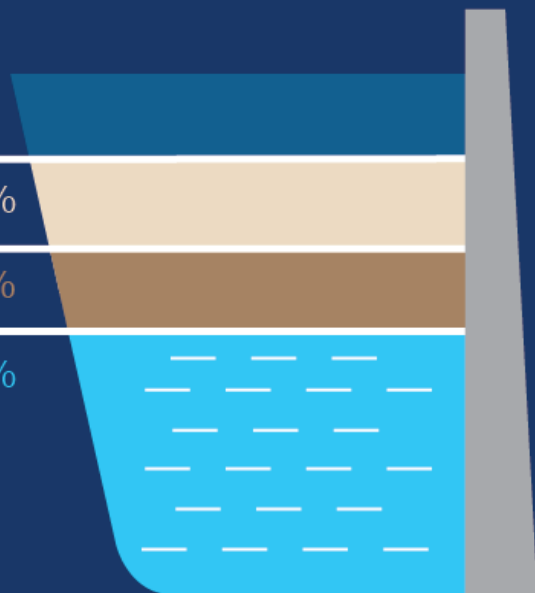
**Total Water
Supply Capacity:**
245,000 acre-feet

**Yearly Comparison
for December 9
Percent of Water Supply Capacity:**

2019 86.8%

2020 66.4%

2021 49.1%



LAKE MENDOCINO

Current Storage:
21,234 acre-feet
36.3%

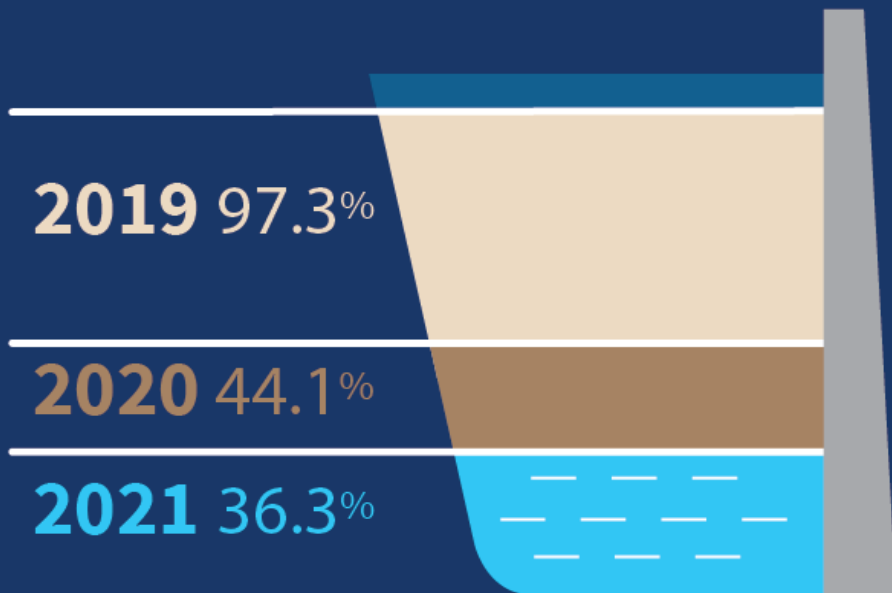
**Target Water
Supply Curve:**
58,433 acre-feet

**Yearly Comparison
for December 9
Percent of Target Water Supply Curve:**

2019 97.3%

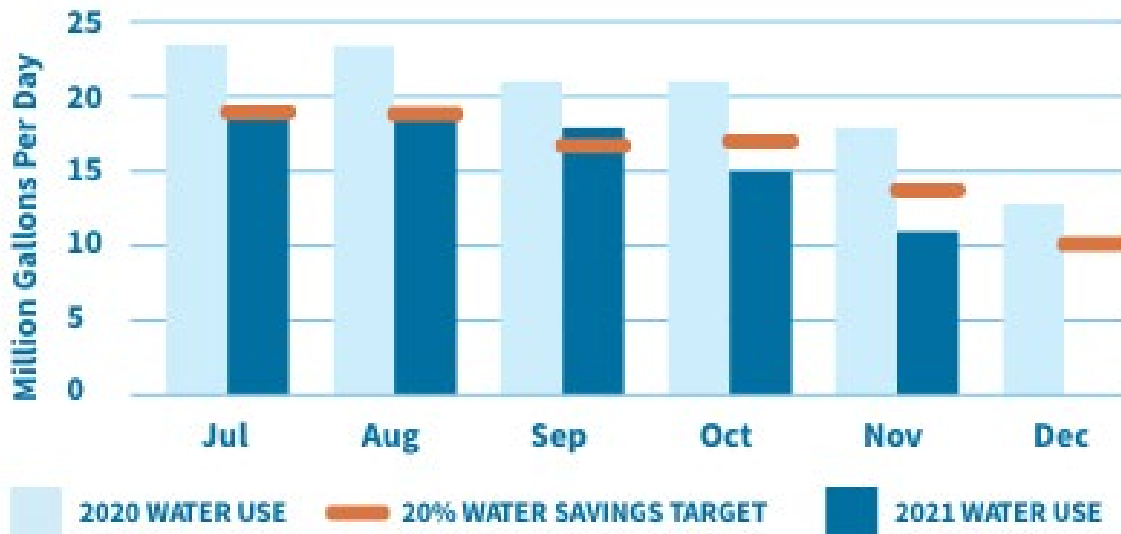
2020 44.1%

2021 36.3%



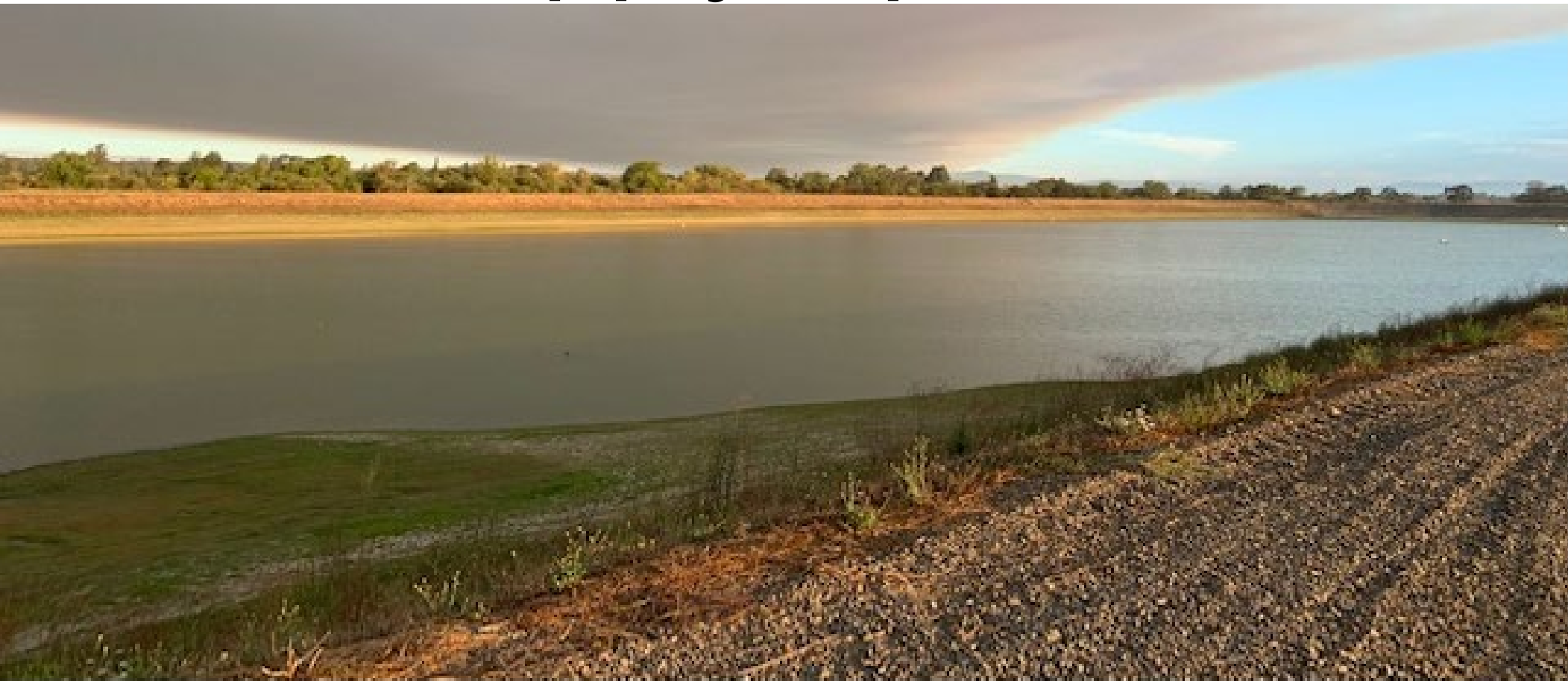
Santa Rosa Cumulative Drought Reductions

SANTA ROSA DROUGHT RESPONSE



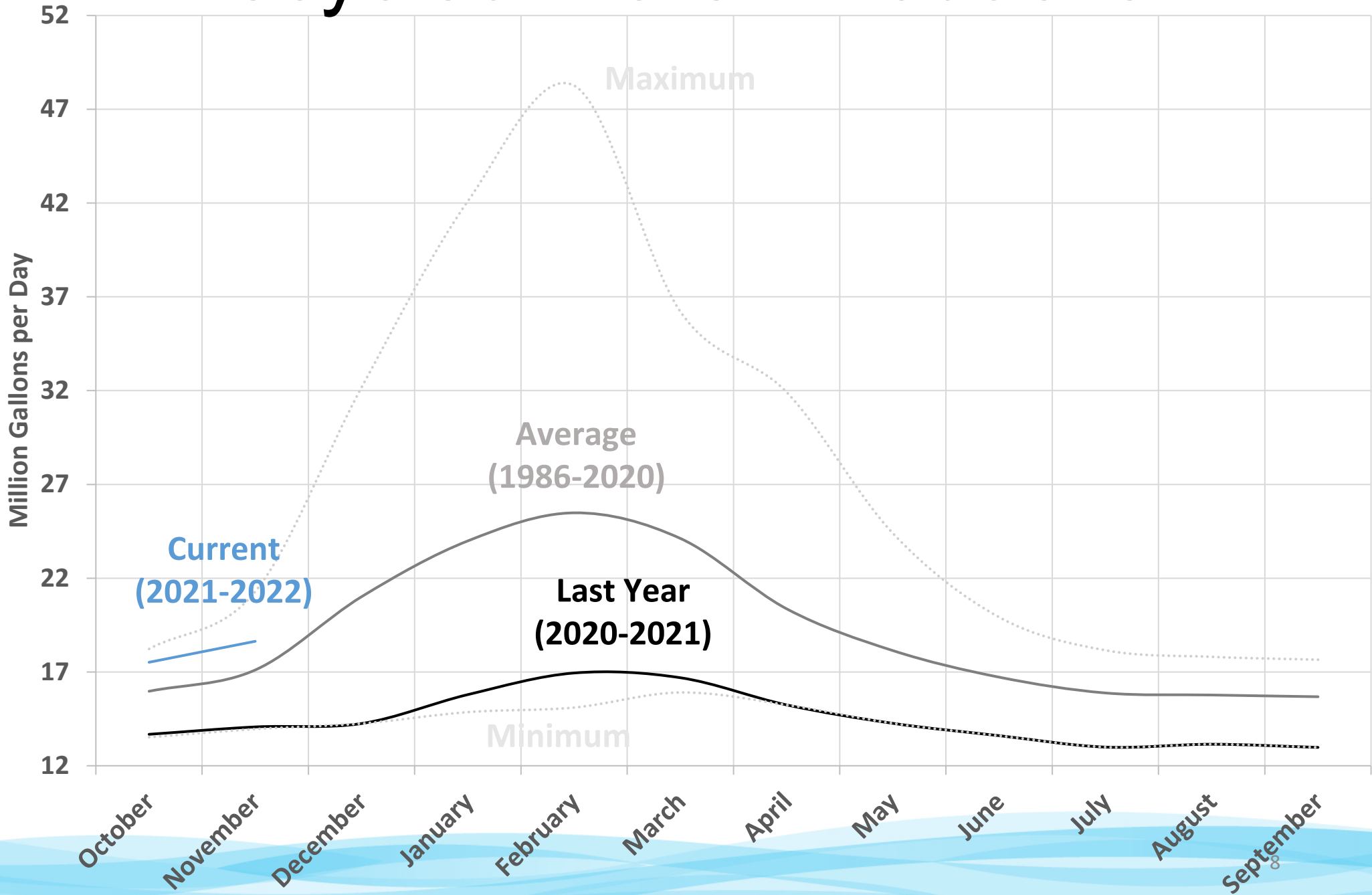
- In November, Santa Rosa residents reduced water use by 35% in compared to 2020
- From July through November, water use has been reduced by 23% compared to 2020

Recycled Water Supply Update

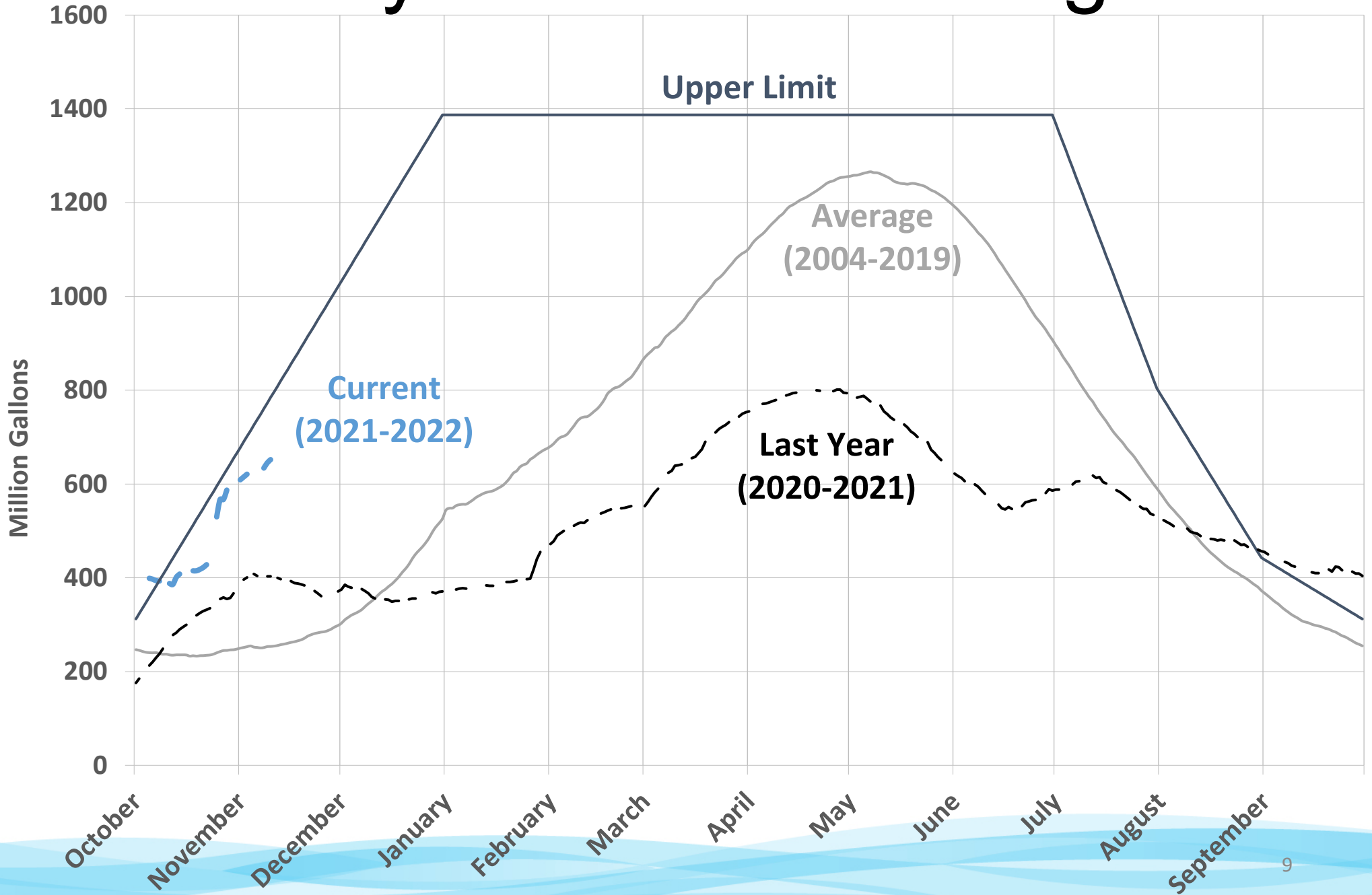


Emma Walton, Deputy Director Water Reuse
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Recycled Water Production



Recycled Water Storage



Updates

- On-track to meet 2021 Geysers Contract
- Successfully met all 2021 Ag Allocations
- Dec 7th – Frost-Users Informational Meeting
- Dec 15th – Recycled Water Ad Hoc
- Planning for 2022 Frost/Irrigation Season
- Jan 2022 – Planning for an All-Users Meeting

CONNECT WITH US!

CALL: 707.543.4200

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VISIT: SRCITY.ORG/WATER



OUR FUTURE IN EVERY DRÖP